File: 541.460.000n D.C.



## THE MEMPHIS DEPOT **TENNESSEE**

## **ADMINISTRATIVE RECORD COVER SHEET**

AR File Number 378

Part III of III

# IMPORTED CLEAN BACKFILL (TOP SOIL) CONFIRMATION SAMPLE Date Collected 09/08/98

**RA-TS-005** 



## ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road • Memphis TN 38111 • 961) 327 2750 • FAX (901) 327-6334

Founded 1972

September 11, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9809235 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV

Chief Executive Officer

rt

Attachment

OHM\_DDMT

## 3781295 Chemical Analytical Data Review/Evaluation/Validation

SOI	THEDN	REGION
200	INERN	REGIUN

Report Type: [ ] Preliminary [ ] Final Date Received:	P	roject Numbe	r. <u>92</u>	0560
Project Name: DDMT : Analysis/Method	: THE TA	2 meta	ds . To	CL VOA 1.
Laboratory: ETZ	Lab Project/	Case Number:	0, 10e13   <u>4</u>	.plt,org. 309235
Sample Number(s):	<u></u>	<u>.</u>	T 98	309235
Evaluated By: 5 Pasar Jape	Date Evaluat	ed:/	15-199	
Data Package Deliverables Requirement: [ ] OHM Minimum [ ] OH	M Standard	[X] OH	M Maximum	ı
[ ] Other, please describe		····		
Quality Control Deliverables	Required	Received	Passed	Failed
PQL, MDL, RL, etc meets DQOs	·	-		,
Comment some RLs are widher for NOA	, BNA	, Pest ,	PCB C	מאנע חבוי
Holding Times			/	<del></del>
Comment:				
Sample Condition (preservatives, containers, temperature, etc) / Case Narrative	Х	1	سسسي	1
Comment:	•			<u> </u>
Surrogate Recoveries	X	<u> </u>		-
Comment some failed, matrix effect dem	unstrut	ed.	<del> </del>	
Lab Control Sample Recoveries	Х		ı	L
Comment some high on Pest, sample res	scelts n	D. Da	to acco	coted
Lab Control Sample Duplicate or Other Spike Recoveries	X			
Comment:	, 			
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD	X			
Comment:				
Matrix Spike Recoveries	Х			۷
Comment some Jeeileel, mot LCS ok	dat	a aco	cepte	ol
Matrix Spike Duplicate Recoveries	X		س	
Comment: ) see note in ms Recover	زحع			
Matrix Spike / Matrix Spike Duplicate RPD	X		レ	۷
Comment:				
Laboratory Blanks (daily, method, instrument)	Х		سسے	
Comment:				
Field Blanks (trip, eqpt rinsate, ambient, matrix)	X			
Comment:				
				<del></del>

Quality Control Deliverables	<del></del>		Required	Received	Passed	Failed
Field Duplicates RPD			X		1	Tuned
Comment:	AA					
Second Source Check			· · · · · · · · · · · · · · · · · · ·		<del> </del>	
Comment:				<u>!</u>	l	
Second Column Confirmation			*		<i>L</i>	
Comment:					1	
Percent Moisture/Solids			チ		<u></u>	7
Comment:					<del></del>	<del></del>
Initial / Continuing Calibrations			<b>×</b>	-	2	
Comment: sum l. failed, date		ied.	T' and	d acc	epteo	Ż.
Internal Standard Areas and Retention Times (Organics	Only)		¥	<u> </u>	4	-
Comment:						
Chromatograms		T	Υ.		L	1
Comment:						<del></del>
Sample Prep Worksheets			×		<u></u>	<del>-</del>
Comment:						· · · · · · · · · · · · · · · · · · ·
Raw Data Calculations	·········	,	×		·	
Comment:	,,,					<u></u>
Laboratory Duplicates			× 1	<u> </u>	1	1
Comment:			<u> </u>	<u>-</u>		
Instrument Performance Checks (Organics Only)		I	メ		1	1
Comment:		·····				
Tentatively Identified Compounds (TICs)			, 🏏		1	1
Comment:		·				<u> </u>
Completeness	# Samples	# Analyses	Tot# Analyses	Tot # Accept	Analyses	% Complete
Completeness = (Tot # Analyses / Tot # Accepted Analyses) x 100	-/	7	7	7		100
Summary: [] See attached pages  Results flagged J for  Cleented	reali	b. fail	lum (	outel		
aleepted			<i></i>		CONTO	OI) THE
Check Applicable:  [ ] Lab contacted—Corrective actions received [ ] The data, as reported by [ ] The data, with qualifiers	ved and accept the laboratory	ed Da , are acceptai	bie.	Accepted: _		
[ ] The data are unacceptab [ ] Other	le.		ary portion	,		<del></del>
[ ] The data are unacceptab [ ] Other  Evaluator's Signature	le.			,	t, are accep	<del></del>

## **Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting**

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report.

Q	Surrogate Recovery Outside QC Limits
J	Estimated Value. Presence of the compound was confirmed but less than the
	reported detection limit.
E	Concentration exceeds the established method calibration range but is within
	the working range of the instrument.
В	Analyte detected in the associated Method Blank.
U	Reported result was unconfirmed. Refer to Case Narrative.
N	Non-Compliance Report associated with this sample or project.
С	Result reported from GC/MS confirmation analysis.
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)

Revision 04/96 Dataqual.XLS

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ANALYTICAL SUMMARY TABLE

3781298

OHM Remediation Services Client Name

Site ID DDMT

Memphis, TN

ETC	Bield Th	Wa tani sa	Wathad	Method Description
Sample ID	Field ID	<u>Matrix</u>	Method	Method Description
980923501	RA-TS-005	SOIL	6010B	Silver
980923501	RA-TS-005	SOIL	6010B	Aluminum
980923501	RA-TS-005	SOIL	7060A	Arsenic
980923501	RA-TS-005	SOIL	8270C	GC/MS Base/Neutral & Acid
980923501	RA-TS-005	SOIL	6010B	Barium
980923501	RA-TS-005	SOIL	6010B	Beryllıum
980923501	RA-TS-005	SOIL	6010B	Calcium
980923501	RA-TS-005	SOIL	6010B	Cadmium
980923501	RA-TS-005	SOIL	9010A	Cyanide
980923501	RA-TS-005	SOIL	6010B	Cobalt
980923501	RA-TS-005	SOIL	6010B	Chromium
980923501	RA-TS-005	SOIL	6010B	Copper
980923501	RA-TS-005	SOIL	6010B	Iron
980923501	RA-TS-005	SOIL	7471A	Mercury
980923501	RA-TS-005	SOIL	6010B	Potassium
980923501	RA-TS-005	SOIL	6010B	Magnesium
980923501	RA-TS-005	SOIL	6010B	Manganese
980923501	RA-TS-005	SOIL	6010B	Sodium
980923501	RA-TS-005	SOIL	6010B	Nickel
980923501	RA-TS-005	SOIL	D2974-87	Fractional Organic Matter
980923501	RA-TS-005	SOIL	8081A	Organochlorine Pesticides
980923501	RA-TS-005	SOIL	7421	Lead
980923501	RA-TS-005	SOIL	8082	PCBs
980923501	RA-TS-005	SOIL	90 <b>45</b> C	pH - Corrosivity
980923501	RA-TS-005	SOIL	6010B	Antimony
980923501	RA-TS-005	SOIL	7740	Selenium
980923501	RA-TS-005	SOIL	7841	Thallium
980923501	RA-TS-005	SOIL	8260B	GC/MS Volatile Organics
980923501	RA-TS-005	SOIL	6010B	Vanadıum
980923501	RA-TS-005	SOIL	6010B	Zinc

000002 page 1

Environmental Testing & Consulting, Inc.

## Login Chain-of-Custody



LABORATORY COPY 4

AB COORDINATOR A RODRLS  Offner TADRLS  Dunn Ave. TANNGER  Offner Samp  A-73-  SCOLLECTIDINA  R  R  R  R  R  R  R  R  R  R  R  R  R								
Services Corp  Servic			11.631	1)			1	-
Services Corp.  Services Corp.  Schading of OHM Communication  US Road-24 Communication  Us Road	NDITION UPON RECEIPT	SAMPLE SCON	IN IN			2	$\forall$	2
Services Corp.  Schedulary of Other Components  Manufacture of Other Components  Material of Oth	R TEMPERATURE UPON KFCFIPT	COOLIR		8	SURIER AND AIR BILL NUMBER	+	LECTIONS HUE GEANT /m	SAMPLES CO
Services Corp.  Services Corp.  Showary of Other Capternam  As Conservices  Lanconservices  La						-		-
Services Corp.  Shouldary of Dilk Community  Missiance 24 Ear * Finding, Ohio 45840 * (419) 423-323/  Missiance of Dilk Community  Missiance 24 Ear * Finding, Ohio 45840 * (419) 423-323/  Missiance of Dilk Community  B forder guez Transfer when the control to the control of t								-   
Services Corp.  Shoulding of Olist Comments  Mischard of O						- I		Ť
Services Corp  Shadary of OHM Remediation  CHAIN-OF-CUSTODY RECORD  Shadary of OHM Cappendum  US Route 234 Eart * Finding Ohm 45840 * (419) 423-3216  ARCORDONOR								+
Services Corp  Shadary of OHM Cappendum  Whole 224 Ear * Findler, Ohio 45840 * (419) 423-3324  ARCOMENSION  A						1		~ T
Services Corp  Stability of Other Capperation  Statistics of Other Capperation  US Route 224 Eart * Finding; Other 45840 * (419) 423-3526  Accommonity  Record of Capperation  US Route 224 Eart * Finding; Other 45840 * (419) 423-3526  TOO-453-7716 ETC  National of Capperation  US Route 224 Eart * Finding; Other 45840 * (419) 423-3526  Record of Capperation  TOO-453-7716 ETC  Record of Capperation  Finding of Cap				-				7
Services Corp  Standary of OHM Cappertum  US Route 224 Eart * Finding, Ohio 45840 * (419) 423-3526  ARCCOMMONATOR  ARCCOMMONATOR  REGISTRANCE  170-734-8060  170-734-8060  170-734-8060  170-732-8060  170-734-8060								1
CHAIN-OF-CUSTODY RECORD  Sindadary of OHM Cappendian  U.S. Requires Corporation  U.S. Requires 224 Ears * Finding; Ohio 45840 * (419) 423-3525  ARCCOMMONATION   LANCOMMONATION   LANCOMMONATION						1		<u>^</u>
CHAIN-OF-CUSTODY RECORD  Standard of Other Component US Route 224 Env *Findiay, Ohio 45840 * (419) 423-3526  ARCOMENSATOR								2
CHMI Remediation  CHAIN-OF-CUSTODY RECORD  Services Corp  Subadiary of OHM Corporation  US Ranic 224 Ear * Findia; Ohio 45840 * (419) 423-3526  ARCOMBINATOR   LARCOMBINATOR VINDS*   LARGOMBANTOR VIN								1
Services Corporation  Steward of OHM Company  Subsidiary of OHM Company  Su								-
Services Corp  Subsidiary of OHM Components  Subsidiary of OHM Com								
Services Corp  Subsidiary of OHM Corporation  US Route 274 Eart * Finding; Ohio 45840 * (419) 423-3526  ARCOMENATOR LARCOMENATOR FUNDS  ROUT LOCATION  ROOT				-		1		2
Services Corp Subsidiary of OHM Corporation US Route 224 Earl * Findlay, Ohio 45840 * (419) 423-3526  LAR COMBINATOR ARCOMBINATOR ARCOMBANCOR ARCOMBINATOR ARCOMBINATOR ARCOMBINATOR ARCOMBINATOR ARCOMB	and to Lab Coordinator	1/1/2 Willed	7/1	E SO		1		
Services Corp  Silbaldary of OHM Components  US Rome 224 East Findlay, Ohio 45840 (419) 423-3526  ABCOMBINATOR  ABCOMBINATOR  ROMET 19082  TRANST  PROJECT INCOMEN ADVISION  PROJECT INCOMENS  OFfiner  TAMONICIS  OFfiner  TOTO-326-2571  TOTO-326-2571  TOTO-453-7716  CHARCOMBINATORY PROVICE  LARGOMORIAN IN AMBRIT REPORT COMPAN.  TAMONICIS  PROJECT MANAGERS  PROJECT MANAGERS  PROJECT MANAGERS IN 38114  PROJECT MANAGERS  PROJECT MANAGERS  PROJECT MANAGERS IN 38114  PROJECT MANAGERS  PROJECT MANAGERS IN 38114  PROJECT MANAGERS IN 38111  OFFINE TOTO-326-2571  TOTO-326-2571  TOTO-326-2571  TOTO-453-7716  CHARCOMORIAN IN AMBRIT IN 381111  OFFINE TOTO IN AMBRIT IN AMBRIT IN 381111  OFFINE TOTO IN AMBRIT IN AMBRIT IN 381111  OFFINE TOTO IN AMBRIT I	o fax sacults on DIE DATE				\ \ \	†	7	10
Services Corp Subsidiary of OHM Corporation US Roule 224 East * Findlay, Ohio 45840 * (419) 423-3526  AB COORDINATOR B RODIT LAB COORDINATOR S PHONE B ROOT 190-22  TRANST  TOOTACT OTHERS IN PROJECT MANAGER S  Offiner  Offiner  Offiner  OHM Remediation  CHAIN-OFF-CUSTODY RECORD  LABORATORY STRVICTIO LABORATORY STRVICTIO Dunn Ave.  Memphis, IN 38114  PROJECT MANAGER S  PROJ	£ 3			S CORE	Care	Matr <sub>14</sub>		Item
Services Corp Sibsidiary of OHM Corporation US Route 224 East Findly; Ohio 45840 (419) 423-3526  ABCOORDINATOR ARCOORDINATOR ROOFT LOCATION Remphis TN RODELSS PROJECT MANAGER S PROJECT MANAGER	A CONTRACTOR OF THE PROPERTY O		$^{\sim}$	53-7716	770-4	326-2571		teve (
Services Corp  Subsidiary of OHM Corporation  Subsidiary of OHM Corporation  Subsidiary of OHM Corporation  US Route 224 Eart * Findiary, Ohio 45840 * (419) 423-3526  ABCOORDINATOR  ABCOORDINATOR  TOTAS TOTAS SPIRINF  ABCOORDINATOR  TOTAS TOTAS SPIRINF  TOTAS SPIRINF  TOTAS TOTAS S	11/2		2	MANAGERS LAN		CT MANAGIR S		ROJECT NJ
Services Corp  Subsidiary of OHM Corporation  US Route 224 Eart * Findiay, Ohio 45840 * (419) 423-3526  ABCOORDINATOR   LAB COORDINATOR S PHONE   LAB COORDINATOR S PHONE   TONATOR S PHONE   TO	lordross, GA	The same	Memphis TN 38111			hıs, IN 381		708 Dc
Services Corp Subsidiary of OHM Corporation US Route 224 Eart * Findiary, Ohio 45840 * (419) 423-3526  ABCCORDINATOR ABCCORDINAT	CITY STATE AND ZIPCODE	3	CITY STATE WINDSINGODE		CHNI	STATE AND ZIPCODI		ROJEC T AD
Services Corp Subsidiary of OHM Corporation US Route 224 Eart * Findiay, Ohio 45840 * (419) 423-3526  ABCOOrdinator ABCOOrdinator TRANT ROUTE 100% NUMBER PROJECT PHONE TONION ADDRESS  CHAIN-OFF-CUSTODY RECORD  LABORATORY SERVICETIO LABORATORY CONTACT NAMI REPORT (COMPAN) PROJECT PHONE TONION ADDRESS  ADDRESS  CHAIN-OFF-CUSTODY RECORD  LABORATORY SERVICETIO LABORATORY CONTACT NAMI REPORT (COMPAN) ADDRESS  ADDRESS  ADDRESS  ADDRESS  ADDRESS  ADDRESS  CHAIN-OFF-CUSTODY RECORD  LABORATORY SERVICETIO LABORATORY CONTACT NAMI REPORT (COMPAN) ADDRESS	5445 Triangle Pkwv, #400	_	2924 Walnut Crov	743-1048	901-	743-1117		teve (
Services Corp  Subsidiary of OHM Corporation US Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  ABCCORDINATOR  ABCCORDINATOR  ROdri guez  PROICT LOCATION  Memph's TN  Memph's TN  Memph's TN  CHAIN-OF-CUSTODY RECORD  CHAIN-OF-CUSTODY GRIVETID  LABORATORY GRIVETID  LABORATORY GRIVETID  LABORATORY GRIVETID  LABORATORY CONTACT  MAII REPORT (COMPAN-  ARLIPBET VAME  PROJECT NAME I ARRIVERY PROVID  LABORATORY TAME  ARLIPBET VAME  PROJECT NAME I ARRIVERY TAME  ARLIPBET VAME  RELIPBET VAME  FI end Rodrigue  Fi end Rodrigue  Fi end Rodrigue  Fi end Rodrigue	ADDRESS		LABORATORY ADDRESS	L	PROJEC	CT PHONE NUMBER		ROJECT (O
CHAIN-OF-CUSTODY RECORD  Services Corp  Unbuttury of OHM Corporation  1.00 Corporati	RECIPIENT NAME Flena Rodriguez	75E9-	1 ARORATORY PROVI	PROJECT NUMBER 20560		his IN		PROJECT NA DDM'T
CHAIN-OF-CUSTODY RECORD  Services Corp  inbudiary of OHM Corporation  1.5 Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  LABCOORDINATOR SPHONE LARGOORDINATOR VIAN LABORATORY CONTACT MAIL REPORT (COMPAN	OHM Remediation Services Corp		ETC	453-7716	770-	-734-8060		ler.a f
CHAIN-OF-CUSTODY RECORD		LABORATORY CONTACT	LABORATORY SERVICE ID	ORDINATOR YEAN	LARKO	ORDINATOR 5 PHON	XXRDINATOR LAB C	BY7 5 WHG
Remediation CHAIN-OF-CUSTODY RECORD	218023 <b>0</b>			-3526	uo 45840 • (419) 42:	orporation Findlay, Oh	Subsidiary of OHM ( US Route 224 East	li.
	LABORATORY COPY	ECORD	CUSTODY R	CHAIN-OF-	_	ediation	OHM Rem	riji L

## COOLER RECEIPT FORM

Cooler Receipt Form 9808235 CRF p 1

T.TMS # 9809_225	Number of Coolers1
LIMS #9809-235	Date Received09/08/98
PROJECTDDMT	VDTSR09/08/98 16 40
USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CON	CERNING CHECK-IN PROBLEMS
A DRDI MANADY BUNGANA BUNGA	
A PRELIMINARY EXAMINATION PHASE Date cooler was opened09/08/98 by (print)Lynette Bugg (sign)	
sy (grand) (sign)	E C H -
1 Did cooler come with a shipping slip (airbill,etc )?  If YES, enter carrier name & airbill number	NO NO
23. Mary gustadu agala an antesta (5 . ) a	
2a Were custody seals on outside of cooler? 2b Were custody seals on sample containers?	NO
on ounput concurred	NO
3 Were custody seals unbroken and intact at the date and time of arr	rival? NA
4 Did you screen samples for radioactivity using a Geiger Counter?	NO
E Mara quatedu manana neeled ee euleeu l	
5 Were custody papers sealed in a plastic bag & taped inside to the	lid, NO
6 Were custody papers filled out properly (ink, signed, etc.)?	YES
1 1 1 1 1	cai
7 Did you sign custody papers in the appropriate place?	YES
8 Was project identifiable from custody papers? If YES, enter project	ct name at top of this form YES
9 If required, was enough ice used? cooler temp<40C , Type o	f 0
, Type o	r icecrushed YES
10 Have designated person initial here to acknowledge receipt of cool	ler LB date 09/08/98
B LOG-IN PHASE Date samples were logged-in09/08/98	· · · · · · · · · · · · · · · · · · ·
B LOG-IN PHASE Date samples were logged-in09/08/98	being comments
11 Describe type of packing in cooler _Bubble Wrap, Baggies and Ice_	.1
11 Describe type of proxing in cooler _babble wiap, baggles and ice_	
12 Were all bottles sealed in separate plastic bags?	YES
13 Did all bottles arrive unbroken and were labels in good condition?	YES
14 Were all bottle labels complete (ID date to a	
14 Were all bottle labels complete (ID, date, time, signature, preser	rved, etc )? YES
15 Did all bottle labels agree with custody papers?	YES
	120
16 Were correct containers used for the tests indicated?	YES
17 Were correct preservatives added to samples?	YES
18 Was a sufficient amount of sample sent for tests indicated?	
a partitude amount of pample sent for casts indicated,	YES
19 Were bubbles absent in VOA samples? If NO, list by sample#	NA NA
	·
20 Was the project manager called and status discussed $^{\rm p}$ If YES, give	details on the back of this form NO
01 Mbs 2011.10	
21 Who was called By whom ?	(date)
VDTSR - Validated Date/Time of Sample Receipt (Date sample is logged in	unto LIMS gustomi
	ruco miga system)

**Environmental Testing & Consulting, Inc.** 

**Sample Reports** 

# ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

Client Name

:OHM Remediation Services

Project Name

: DDMT

Date Sample Received :09/08/98

Contract Laboratory Order Number :9809-235

Contract Lab <u>Sample No</u>	Field <u>ID</u>	Date <u>Sampled</u>	Result Units :(%)	Date <u>Analyzed</u>	Method	<u>By</u>
9809-235-01	RA-TS-005	09/08/98	87	09/09/98	160.3	MC

LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01

Sample ID: RA-TS-005

Matrix :SOIL

Project # 20560

Sample Date :09/08/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide Fractional Organic Matter pH - Corrosivity	ND 1.45 5.9	mg/Kg % SU	1 00 0		09/10/98 GD 09/10/98 BA 09/10/98 TL	

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Project # 20560

Defense Depot - Memphis, TN 5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01 Sample ID: RA-TS-005

Matrix :SOIL

Sample Date :09/08/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	ву	METHOD
Metals Digestion Batch	V8-SO-12					NR	3051
Mercury Digestion Batch	V4-S0-32					RM	7471A
Silver	ND	mg/Kg	0 700	14:23	09/10/98	TD	6010B
Aluminum	12,700	mg/Kg	4.00	14:50	09/10/98	TD	6010B
Arsenic	10.4	mg/Kg	0.200	13.45	09/10/98	JF	7060A
Barium	107	mg/Kg	0.200	14:23	09/10/98	TD	6010B
Beryllium	0.502	mg/Kg	0.100	14:23	09/10/98	TD	6010B
Calcium	1,090	mg/Kg	1 00	14:23	09/10/98	TD	6010B
Cadmium	ND	mg/Kg	0.400	14:23	09/10/98	TD	6010B
Cobalt	7 10	mg/Kg	0.700	14:23	09/10/98	TD	6010B
Chromium	15.9	mg/Kg	0 700	14 23	09/10/98	TD	6010B
Copper	17.3	mg/Kg	0 600	14:23		TD	6010B
Iron	21,900	mg/Kg	0.700	14:50	*. *	TD	6010B
Mercury	0.026	mg/Kg	0 020	13:07		RM	7471A
Potassium	916	mg/Kg	20 0	14 23	*. *.	TD	6010B
Magnesium	2,690	mg/Kg	3.00	14 23		TD	6010B
Manganese	570	mg/Kg	0.200	14:23	* · · · · · · · · · · · · · · · · · · ·	TD	6010B
Sodium	227	mg/Kg	20.0	14:23		TD	6010B
Nickel	16.7	mg/Kg	1 50	14:23		TD	6010B
Lead	11.0	mg/Kg	0.100	14:04		TD	7421
Antimony	ND	mg/Kg	3 20	14.23	, , , , , , , , , , , , , , , , , , ,	TD	6010B
Selenium	ND	mg/Kg	0.200	09:43		JF	7740
Thallium	0.222	mg/Kg	0.100	12:42		JF	7841
Vanadium	24 3	mg/Kg	0.800	14:23	'. '.	TD	6010B
Zinc	57.3	mg/Kg	1.00	14:23	* . *	TD	6010B

LABORATORY MANAGER

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781306

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01

Sample ID: RA-TS-005

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :09/08/98

			DEFECTION	DAME	DAME		
TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
GC/MS Volatile Organics				22/22/22	00/00/00		8260B
OC Batch	V1090901	ug/Kg		09/09/98	09/09/98	LS	
~	ND	,	50 0				
Acetone	ND	J., J	2,00				
Benzene Bromodichloromethane	ND	• . •	2 00				
Bromoform	ND	٠, ٠	2 00				
	ND	- · · · ·	2.00				
Bromomethane Carbon Disulfide	ND		25.0				
Carbon Distille Carbon Tetrachloride	ND	~ . ~	23.0				
		,	2.00				
Chlorobenzene	ND	ug/kg	2.00				
Chlorodibromomethane	ND						
Chloroethane	ND		2 00				
Chloroform	ND		2 00				
Chloromethane	ND		2.00				
1,1-Dichloroethane	ND		2 00				
1,2-Dichloroethane	ND		2.00				
1,1-Dichloroethene	ND	٠. ٥	2.00				
trans-1,2-Dichloroethene	ND	J, J	2.00				
1,2-Dichloropropane	ND	<u> </u>	2 00				
cis-1,3-Dichloropropene	ND	<u> </u>	2.00				
trans-1,3-Dichloropropene	ND	J' -	2.00				
Ethylbenzene	ND	J. J	2.00				
2-Hexanone (MBK)	ND		50.0				
4-Methyl-2-pentanone (MIBK)	ND		50 0				
2-Butanone (MEK)	ND	-· -	50.0				
Methylene Chloride	ND		50.0				
Styrene	ND	J. J	2.00				
1,1,2,2-Tetrachloroethane	ND	ug/Kg	2.00				
Tetrachloroethene	ND	ug/Kg	2.00				
Toluene	ND	ug/Kg	2.00				
1,1,1-Trichloroethane	ND	ug/Kg	2.00				
1,1,2-Trichloroethane	ND	ug/Kg	2.00				
Trichloroethene	ND	ug/Kg	2 00				
Vinyl Acetate	ND	ug/Kg	25.0				
Vinyl Chloride	ND	ug/Kg	2.00				
o-Xylenes	ND	uq/Kq	2 00				
m-Xylenes	ND		2.00				
p-Xylenes	ND	ug/Kg	2.00				
cis-1,2-Dichloroethene	ND		2 00				
Surrogate Standard	% Re	covery	QC Li	mits_			
S1 - Dibromofluoromethane	102		85	119			
S2 - Toluene-d8	98		87	114			
S3 - 4-Bromofluorobenzene	108		75	111			

LABORATORY MANAGER

ND - Not Detected

JUU010

3781307

## FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

9809-235-1

Lab Name: ETC, INC.		Contract:	9809-235-1
Lab Code:	Case No.:	SAS No.: SDG	No.: 9809-235
Matrix: (soil/water)	SOIL	Lab Sample ID:	<b>:</b>
Sample wt/vol:	4.4 (g/mL) G	Lab File ID:	1001010
Level: (low/med)	LOW	Date Received:	
<pre>% Moisture: not dec.</pre>		Date Analyzed:	09/09/98
GC Column:	ID: 2.00 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquet V	/olumos /r

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1. 54725-17-6 2. 21693-54-9 3. 575-43-9 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21.	COMPOUND NAME  BENZENE, 2-HEPTYNYL- NAPHTHALENE, 1,2,3,4-TETRAHY NAPHTHALENE, 1,6-DIMETHYL-	21 82	EST. CONC.  12.5 16.6 21.7	==== NJ NJ
22. 23. 24. 25. 26. 27. 28. 29.				

FORM I VOA-GCMS-TIC

## ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
3781308

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01

Sample ID: RA-TS-005

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :09/08/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
GC/MS Base/Neutral & Acid				/ /	/ /		8270C
OC Batch	P04032	ug/Kg		09/10/98	09/11/98	RR	
Acenaphthene	ND	ug/Kg	170				
Acenaphthylene	ND	ug/Kg	170				
Anthracene	ND	ug/Kg	170				
Benzo(a) anthracene	ND	ug/Kg	170				
Benzo(b) fluoranthene	ND	ug/Kg	170				
Benzo(b) fluoranthene Benzo(k) fluoranthene	ND	ug/Kg	170				
	ND		170				
Benzo(g,h,1)perylene		ug/Kg	170				
Benzo(a)pyrene	ND	ug/Kg	1670				
Benzoic Acid	ND	ug/Kg					
Benzyl Alcohol	ND	ug/Kg	170				
Bis (2-chloroethoxy) methane	ND	ug/Kg	170				
Bis (2-chloroethyl) ether	ND	ug/Kg	170				
Bis (2-chlorosopropyl) ether	ND	ug/Kg	170				
Bis(2-ethylhexyl)phthalate	ND	ug/Kg	170				
4-Bromophenyl phenyl ether	ND	ug/Kg	170				
Butyl benzyl phthalate	ND	ug/Kg	170				
4-Chloroaniline	ND	ug/Kg	170				
2-Chloronaphthalene	ND	ug/Kg	170				
4-Chloro-3-methylphenol	ND	ug/Kg	170				
2-Chlorophenol	ND	ug/Kg	170				
4-Chlorophenyl phenyl ether	ND	ug/Kg	170				
Chrysene	ND	ug/Kg	170				
Dibenzo(a,h)anthracene	ND	ug/Kg	170				
Dibenzofuran	ND	ug/Kg	170				
Di-n-butyl phthalate	ND	ug/Kg	170				
1,2-Dichlorobenzene	ND	ug/Kg	170				
1,3-Dichlorobenzene	ND	ug/Kg	170				
1,4-Dichlorobenzene	ND	ug/Kg	170				
3,3'-Dichlorobenzidine	ND	ug/Kg	170				
2,4-Dichlorophenol	ND	ug/Kg	170				
2,6-Dichlorophenol	ND	ug/Kg	170				
Diethyl phthalate	ND	ug/Kg	170				
2,4-Dimethylphenol	ND	ug/Kg	170				
Dimethyl phthalate	ND	ug/Kg	170				
4,6-Dinitro-2-methylphenol	ND	ug/Kg	170				
2,4-Dinitrophenol	ND	ug/Kg	330				
2,4-Dinitrotoluene	ND	ug/Kg	170				
2,6-Dinitrotoluene	ND		170				
Di-n-octyl phthalate	ND	ug/Kg	170				
Fluoranthene	NĎ	ug/Kg	170				
Fluorene	ND	• • •	170				
Hexachlorobenzene	ND		170				

LABORATORY MANAGER

ND - Not Detected

**Ú00012** 

## 3781309

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Site ID

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

Project # 20560 FID # DACA45-96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01 Sample ID: RA-TS-005

Matrix :SOIL

Sample Date :09/08/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOI
GC/MS Base/Neutral & Acid							8270C
Hexachlorobutadiene	ND	/V~	170	09/10/98	09/11/98	RR	
Hexachlorocyclopentadiene	ND	ug/Kg ug/Kg	170				
Hexachloroethane	ND	J, J	170				
Indeno(1,2,3-cd)pyrene	ND	ug/Kg ug/Kg	170				
Isophorone	ND	ug/Kg ug/Kg	170				
2-Methylnaphthalene	ND	ug/Kg ug/Kg	170				
2-Methylphenol (o-cresol)	ND	ug/Kg	170				
3-Methylphenol (m-cresol)	ND	ug/Kg	170				
4-Methylphenol (p-cresol)	ND	ug/Kg ug/Kg	170				
Naphthalene	ND	ug/Kg ug/Kg	170				
Nitrobenzene	ND	ug/Kg ug/Kg	170				
2-Nitroaniline	ND	ug/Kg ug/Kg	170				
3-Nitroaniline	ND	ug/Kg	170				
4-Nitroanılıne	ND	ug/Kg	170				
2-Nitrophenol	ND	ug/Kg	170				
4-Nitrophenol	ND	ug/Kg	170				
N-Nitrosodiphenylamine	ND	ug/Kg	170				
N-Nitrosodipropylamine	ND	ug/Kg	170				
Pentachlorophenol	ND	ug/Kg	170				
Phenanthrene	ND	ug/Kg	170				
Phenol	ND	ug/Kg	170				
Pyrene	ND	ug/Kg	170				
1,2,4-Trichlorobenzene	ND	ug/Kg	170				
2,4,5-Trichlorphenol	ND	ug/Kg	170				
2,4,6-Trichlorophenol	ND	ug/Kg	170				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Nitrobenzene-d5	67		39	80			
S2 - 2-Fluorobiphenyl	74		43	84			
S3 - 4-Terphenyl-d14	82		40	121			
S4 - Phenol-d6	64		31	94			
S5 - 2,4,6-Tribromophenol	65		17	91			
S6 - 2-Fluorophenol	60		23	89			

LABORATORY MANAGER

ND - Not Detected

J000**13** 

## FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

			TENTATIVELY	IDENTIFIED COMPOUNDS	•	9809-235-1	
Lab	Name:	ETC,	INC.	Contract:	ار :		

Lab	Code:	Case No.:	SAS No.:	SDG No.:	9809-2

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 2001018

Level: (low/med) LOW Date Received: \_\_\_\_\_

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_ Date Extracted:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/11/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CONCENTRATION UNITS:
Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
4.				
4.				
5		_		. ———
7				
		_	·	
9				
11.		_	<del></del>	
13.				
14.		_		İ
±~•				
18:		-		
19.				
20.		_[		<u> </u>
24:		-		
40.				
26.				
28.				
30.				

FORM I BNA-GCMS-TIC

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name

3781311

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01 Sample ID: RA-TS-005

Matrix :SOIL

Project # 20560

Sample Date :09/08/98

FID # DACA45~96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
Organochlorine Pesticides							808IA
QC Batch	P06017	/T/-		09/10/98	09/17/98	RG	
Aldrin		٠, ٥	2.00				
Alpha-BHC	ND	٠, ٠	2.00				
Beta-BHC	ND	J,	2.00				
Delta-BHC	ND	ug/Kg	2.00				
Gamma-BHC (Lindane)	ND	ug/Kg	2 00				
Alpha-Chlordane	ND	ug/Kg	2 00				
Gamma-Chlordane	ND	ug/Kg	2.00				
Chlordane	ND	ug/Kg	2 00				
4,4'-DDD	ND	ug/Kg	20 0				
4,4'-DDE	ND	ug/Kg	2.00				
4,4'-DDT	ND	ug/Kg	2 00				
Dieldrin	ND	ug/Kg	2 00				
Endosulfan I	ND	ug/Kg	2 00			_	
	NĐ	ug/Kg	2.00				
Endosulfan II	ND	ug/Kg	2 00				
Endosulfan Sulfate	ND	ug/Kg	2 00				
Endrin	ND	ug/Kg	2 00				
Endrin Aldehyde	ND	ug/Kg	2 00				
Endrin Ketone	ND	ug/Kg	2.00				
Heptachlor	ND	ug/Kg	2.00				
Heptachlor Epoxide	ND	ug/Kg	2.00				
Methoxychlor	ND	ug/Kg	2 00				
Toxaphene	ND	ug/Kg	200				
Surrogate Standard	% Rec	overy	QC Lin	nits			
S1 - Decachlorobiphenyl	151	<u>,</u>	64	154			
S2 - Tetrachloro-m-xylene	82		39	130			

ORATORY MANAGER

**UUU015** 

# ENVIRONMENTAL TESTING & CONSULTING, INC. 3781312 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/08/98 ETC Order Number 9809235

ETC Lab ID 9809235-01

Sample ID: RA-TS-005

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :09/08/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
PCBs							8082
				09/10/98	09/14/98	RG	
QC Batch	P06017	ug/Kg					
PCB-1016	ND	ug/Kg	350				
PCB-1221	ND	ug/Kg	350				
PCB-1232	ND	ug/Kg	350				
PCB-1242	ND	ug/Kg	350				
PCB-1248	ND	ug/Kg	350				
PCB-1254	ND	ug/Kg	350				
PCB-1260	ND	ug/Kg	350				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	69	_	39	130			
S2 - Decachlorobiphenyl	163	Q	64	154			

LABORATORY MANAGER

JU0016

Environmental Testing & Consulting, Inc.

## Quality Control Reports Inorganics

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE INORGANICS

: \_OHM Remediation Services Corp. : \_Defense Depot Memphis TN Client Name

Project Name

ETC Order # : \_9809-235

#### HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified

Holding Times.

### CALIBRATION

Laboratory Control Sample : All criteria met.

### QUALITY CONTROL

Matrix Spike

Spike Recovery : All analytes within QC limits

RPD : All analytes within QC limits

Method Blank

No Target Analytes detected above Detection Limit.

Laboratory Manager

## Environmental Testing & Consulting, Inc. Inorganic QC Data Summary

## 3781315

Client Name

**OHM Remediation Services** 

Project

DDMT-Memphis, TN

ETC Order Number 9809-235

File Name

9809-235 1

### Method Blank

	Date	Blank	
Analyte	Analyzed	Concentration mg/Kg	QC Batch
Cyanide	09/10/98	<1 00	CY091098

## Calibration Verification (CV)

	Date	CV Conc	CV Conc	%
Analyte	Analyzed	mg/L	Found	Difference
Cyanide	09/10/98	0 200	0 207	3 5

## Laboratory Control Sample (LCS)

	l	LCS Conc mg/Kg	,	% Recovery
Cyanide	09/10/98	20 0	19 2	96 0

## Matrix Spike/Matrix Spike Duplicate

Sample ID	Analyte	Spike mg/Kg	Sample mg/Kg	MS Conc Found	MS % Recovery	QC Limits	RPD
9809-235-01 MS	Cyanide	18 2	<1 00	18 2	100	70-130	
9809-235-01 MSD	Cyanide	20 0	<1 00	194	97	70-130	3

## Duplicates

		Sample	Duplicate	
Sample ID	Analyte	%	%	RPD
9809-235-01	Fractional	1 45	1 67	14.1
	Organic			
	Matter		,	

UU00**19** 

**Quality Control Reports** 

Metals (ICP/GFAA/CV)

## 3781317

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

Client Name Project Name

: \_OHM Remediation Services: \_Defense Depot Memphis TN

ETC Order #

: \_9809-235

### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-12

Mercury V4-S0-32

Sample Analysis

: All samples digested and analyzed within 180

Mercury Analysis

days of collection.

: All samples analyzed within 28 days of

collection.

### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation : Thermo Jarrell Ash Enviro-I ICP

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace

Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer Dilutions Required: No dilutions required.\*

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral interference (I) as indicated.

Sample ID	Dilution <b>Metal</b>	Factor	Sample ID	Dilution <b>Metal</b>	Factor
9809-235-01 9809-235-01	Aluminum Iron	1:5(C) 1:5(C)	9809-235-01	Lead	1:3(C)

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

### QUALITY CONTROL

### 9809-235.MOCBLANK

Method Blank

V8-SO-12BLK - ICP/GFAA Metals

V4-SO-32BLK - Mercury

Calcium identified in V8-SO-12BLK at 1.70 mg/Kg. Iron identified in V8-SO-12BLK at 3.20 mg/Kg.

#### 9809-235.MQCLCS

<u>Laboratory Control Sample(s)</u> V8-SO-12LCS - ICP/GFAA Metals V4-SO-32LCS - Mercury

All criteria met.

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NAPRATIVE METALS - SOIL

3781318

Client Name : OHM Remediation Services
Project Name : Defense Depot Memphis TN

ETC Order # : 9809-235

#### QUALITY CONTROL

#### 9809-235.MQCMSMSD

<u>Matrix Spike / Matrix Spike Dup - ICP Metals</u>

9809-235-01 RPD: All analytes within QC limits. RA-TS-005 Spike Recovery: All analytes within QC limits.\*

Recoveries for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification:

	mg/L	mg/L	%	QA
Analyte	Expected	Found	Recovery_	<u>Evaluation</u>
Antimony	0.500	0.479	96	Pass

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. RPD for Manganese was flagged as outside QC Limits. Dilution Tests were performed for verification:

Analyte	No <b>Dilution</b>	1:5 <b>Dilution</b>	1:25 Dilution	% Difference	QA <b>Evaluation</b>
Aluminum		12700 mg/Kg	12700 mg/Kg	0	Pass
Calcium	1090	1080		1	Pass
Iron		21900	22200	1	Pass
Manganese	570	560	<b>-</b>	2	Pass
Potassium	916	928		1	Pass
Magnesium	2690	2620		3	Pass

Refer to Laboratory Control Sample(s) for system verification.

<u> Matrix Spike / Matrix Spike Dup - Graphite Metals</u>

9809-235-01 RPD: All analytes within QC limits. RA-TS-005 Spike Recovery: All analytes within QC limits.\*

Recovery for Lead was flagged as outside QC Limits due to the level of this analyte present relative to the spike amount, a Dilution Test was performed for both analytes for verification:

	1:3	1:15	%	QA
Analyte	Dilution	Dilution	Difference	<b>Evaluation</b>
Lead	11.0 mg/Kg	10.2 mg/Kg	7	Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

3781319

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

: \_OHM Remediation Services: \_Defense Depot Memphis TN Client Name Project Name

ETC Order # : 9809-235

QUALITY CONTROL

Matrix Spike / Matrix Spike Dup - Hg
9809-235-01 RPD : All analytes within QC limits.
RA-TS-005 Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

Laboratory Manager

## SOLID METHOD BLANK METALS

Lab Name Environmental Testing and Consulting, Inc

 Laboratory ID
 ICP/GFAA Metals
 V8-SO-12
 BLK
 V8-SO-12

 Laboratory ID
 Mercury
 V4-SO-32
 BLK
 V4-SO-32

Date Sample Prepared 09/09/98 ICP/GFAA Metals 09/11/98 Mercury

	T	Detection		
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	< 0.700	0.700	09/10/98	6010B
Aluminum	<4 00	4.00	09/10/98	6010B
Arsenic	< 0.200	0 200	09/10/98	7060A
Barium	< 0.200	0.200	09/10/98	6010B
Beryllium	< 0 100	0.100	09/10/98	6010B
Calcium	1 70	1 00	09/10/98	6010B
Cadmium	< 0.400	0.400	09/10/98	6010B
Cobalt	< 0.700	0.700	09/10/98	6010B
Chromium	< 0.700	0.700	09/10/98	6010B
Copper	< 0 600	0 600	09/10/98	6010B
Iron	3.20	0.700	09/10/98	6010B
Potassium	<20 0	20.0	09/10/98	6010B
Magnesium	<3.00	3.00	09/10/98	6010B
Manganese	< 0.200	0.200	09/10/98	6010B
Sodium	<20.0	20.0	09/10/98	6010B
Nickel	<1 50	1 50	09/10/98	6010B
Lead	< 0.100	0.100	09/10/98	7421
Antimony	<3 20	3.20	09/10/98	6010B
Selenium	<0 200	0.200	09/10/98	7740
Thallium	< 0.100	0.100	09/11/98	7841
Vanadium	< 0.800	0.800	09/10/98	6010B
Zinc	<1.00	1.00	09/10/98	6010B
Mercury	< 0 020	0.020	09/11/98	7471A

## SOLID LABORATORY CONTROL SAMPLE **METALS**

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory Control ID

ICP/GFAA Metals V8-SO-12 LCS

QC Batch V8-SO-12

Mercury

V4-S0-32 LCS

V4-SO-32

Date Prepared

ICP/GFAA Metals 09/09/98 Mercury

09/11/98

Metals	Spike Added mg/Kg	Found mg/Kg	% R #	ľ	DC nits
				+	Τ
Silver	20.0	20.5	103	80	120
Aluminum	200	205	103	80	120
Arsenic	5.00	5.13	103	85	115
Barium	200	201	101	80	120
Beryllium	20.0	19.9	100	80	120
Calcium	400	414	104	80	120
Cadmium	20.0	21.0	105	80	120
Cobalt	100	101	101	80	120
Chromium	40.0	41 1	103	80	120
Copper	40 0	41.8	105	80	120
Iron	200	208	104	80	120
Potassium	400	409	102	80	120
Magnesium	400	407	102	80	120
Manganese	20.0	20 6	103	80	120
Sodium	400	412	103	80	120
Nickel	100	102	102	80	120
Lead	2.00	1.85	93	85	115
Antimony	200	199	100	80	120
Selenium	5.00	4.98	100	85	115
Thallium	2.00	1.95	98	85	115
Vanadium	100	103	103	80	120
Zinc	20.0	20.5	103	80	120
Mercury	0.167	0.158	95	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

Metals Laboratory Control Sample

9809-235 MQCLCS

J00025

Values outside of QC limits

## SOLID MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

\_\_\_\_

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury

9809-235-01 V8-S0-12 9809-235-01 V4-S0-32

Date Sample Prepared

09/09/98 09/11/98 ICP/GFAA Metals

QC Batch

Mercury

	SPIKE	SAMPLE	MS		MS	C	ıc
	Added	Conc	Conc	RPD	%	Lin	nıts
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec #		
	·						
Silver	23 0	ND	23 0	7	100	75	125
Aluminum	230	12700	12900	5	87	75	125
Arsenic	5.63	10.4	15 1	5	84	70	130
Barium	230	107	352	6	107	75	125
Beryllium	23.0	0.502	24.2	6	103	75	125
Calcium	460	1090	1620	8	115	75	125
Cadmium	23 0	ND	23.6	5	103	75	125
Cobalt	115	7.10	123	5	101	75	125
Chromium	46.0	15 9	63 6	4	104	75	125
Copper	46.0	17.3	66.6	6	107	75	125
Iron	230	21900	20500	13	-609 *	75	125
Potassium	460	916	1440	1	114	75	125
Magnesium	460	2690	3190	0	109	75	125
Manganese	23 0	570	511	31 *	-257 *	75	125
Sodium	460	227	737	6	111	75	125
Nickel	115	16.7	133	5	101	75	125
Lead	2.25	11.0	11.7	8	31 *	70	130
Antimony	230	ND	ND	0	*	75	125
Selenium	5.63	ВĐ	3.67	6	65 *	70	130
Thallium	2.25	0.222	2.06	3	82	70	130
Vanadium	115	24.3	135	4	96	75	125
Zinc	23.0	57.3	80.3	4	100	75	125
Mercury	0.176	0.026	0.192	1	94	75	125

Metals Matrix Spike

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

## SOLID MATRIX SPIKE DUPLICATE METALS

Lab Name Environmental Testing and Consulting, Inc

 Laboratory ID MS ICP/GFAA Metals
 9809-235-01
 V8-SO-12

 Laboratory ID MS Mercury
 9809-235-01
 V4-SO-32

Date Sample Prepared 09/09/98 ICP/GFAA Metals 09/11/98 Mercury

	SPIKE Added	SAMPLE	MSD Conc	<u> </u>	MSD %		QC
Metals	mg/Kg	mg/Kg	mg/Kg		Rec	#	Limits
						1	
Silver	21.7	NĐ	21.4	1	99	7!	125
Aluminum	217	12700	13600		415	* 7	
Arsenic	5.32	10 4	15.9		103	70	130
Barıum	217	107	330		103	7	-
Beryllium	21.7	0.502	22 9	Î	103	75	
Calcium	434	1090	1500		95	75	125
Cadmium	21.7	ND	22.4		103	75	
Cobalt	108	7.10	117		102	75	<del></del>
Chromium	43.4	15.9	61.4		105	75	125
Copper	43.4	17.3	62.9	<u> </u>	105	75	
Iron	217	21900	23300		645	* 75	
Potassium	434	916	1420		116	75	
Magnesium	434	2690	3190		115	75	<del></del>
Manganese	21.7	570	699			* 75	
Sodium	434	227	691		107	75	
Nickel	108	16.7	126		101	75	
Lead	2.13	11 0	12.7		80	70	
Antimony	217	ND	ND			* 75	_
Selenium	5.32	ND	3 44		65	* 7C	130
Thallium	2.13	0.222	2.00		84	70	
Vanadium	108	24.3	130		98	75	
Zinc	21.7	57.3	83.7		122	75	_
Mercury	0.182	0.026	0.194	· · · · ·	92	75	

Metals Matrix Spike Duplicate

9809-235.MQCMSMSD

J00027

<sup>#</sup> Column to be used to flag recovery values with an asterisk

Values outside of QC limits

ND - Not Detected

Environmental Testing & Consulting, Inc.

**Quality Control Reports GC/MS Volatiles** 

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS VOLATILE COMPOUNDS - SOIL

Client Name : \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

Project Name

ETC Order # : \_9809-235 : \_8260B/5030B Method (SW-846)

HOLDING TIMES

Sample Analysis : All samples analyzed within 14 days of

collection.

QUALITY CONTROL

OC Batch Form 4 Summary V1090901 V109091LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 V109091BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

RPD: All analytes within QC limits. Spike Recovery: All analytes within QC limits.\* 9809-235-01 RA-TS-005

Recoveries for Toluene and Chlorobenzene were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4

V109091LB

No Target Analytes detected above the reporting limit.

#### CALIBRATION

BFB Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7\*

Pentachloroethane was flagged with a percent difference >30.0%. This analyte was not a Target Analyte associated with this project. The data was not affected.

Volatile Internal Standard Area and RT FORM 8 Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD

Dilutions Required: No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-235

Level: (low/med) LOW

	CLIENT	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	(DBF)#	(TOL)#	(BFB)#	OIIIER	OUT
		======	(102),	======		===
01	V109091BS	102	96	100		ا ا
02	V109091LB	103	96	105		Ö
03	9809-235-1	102	98	108	-	ŏ
04	9809-235-1M	100	100	102		ol
05	9809-235-1S	105	96	105		0
06						
07						
80						
09						
10						
11						
12 13						
14						
15						
16						
17	<del> </del>					
18	-					
19						
20						_
21						
22					i——	
23						<u> </u>
24						
25						
26						
27						
28						
29						
30						

SMC1 (DBF) = Dibromofluoromethane (85-119) SMC2 (TOL) = Toluene-d8 (87-114) SMC3 (BFB) = Bromofluorobenzene (75-111)

- # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

FORM II VOA-GCMS

V109091LB

Lab Name: ETC, INC.

Lab Prep Batch: V1090901

Lab File ID: 0302003

Date Analyzed: 09/09/98

GC Column:

ID: 2 (mm)

SDG No.: 9809-235

Lab Prep Batch: V1090901

Time Analyzed: 1647

Heated Purge: (Y/N) Y

Instrument ID: VOC1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01 02 03 04	V109091BS 9809-235-1 9809-235-1M 9809-235-1S		0201002LCS 1001010 1301013 1401014	1503 2144 2351 0034
05 06 07 08 09				
10 11 12 13				
14 15 16 17				
18 19 20 21 22				
23 24 25 26				
27 28 29 30				

COMMENTS:			
721	·	 	

page 1 of 1

FORM IV VOA-GCMS

#### FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET

V109091LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL Lab Prep Batch: V1090901

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 0302003

CONCENTRATION UNITS:

Level: (low/med) LOW Date Analyzed: 09/09/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	(ug/L or ug/	Kg) UG/KG	Q
74-87-3	Chloromethane		2.00	U
75-01-4	Vinyl Chloride		2.00	U
74-83-9	Bromomethane		2.00	U
75-00-3	Chloroethane		2.00	U
67-64-1			50.0	U
75-35-4	1,1-Dichloroether	ne	2.00	
75-15-0	Carbon Disulfide		25.0	U
75-09-2	Methylene Chlorid	le	50.0	U
156-60-5	trans-1,2-Dichlor	oethene	2.00	
108-05-4	Vinyl Acetate		25.0	
75-34-3	1,1-Dichloroethar	ne	2.00	
78-93-3	Methvl-Ethvl Keto	ne	50.0	
156-59-4	Methyl-Ethyl Keto cis-1,2-Dichloroe	thene	2.00	
67-66-3	Chloroform		2.00	
71-55-6	1,1,1-Trichloroet	hane	2.00	
56-23-5	Carbon Tetrachlor	ide	2.00	
71-43-2			2.00	
	1,2-Dichloroethar	ne	2.00	
79-01-6	Trichloroethene		2.00	
	1,2-Dichloropropa	ine	2.00	
75-27-4	Bromodichlorometh	ane	2.00	
108-10-1	4-Methyl-2-Pentar	one	50.0	_
10061-01-5	cis-1,3-Dichlorop	ropene	2.00	-
108-88-3	Toluene		2.00	_
	trans-1,3-Dichlor	onronene	2.00	
79-00-5	1,1,2-Trichloroet	hane	2.00	
591-78-6	2-Hexanone		50.0	
	Tetrachloroethene		2.00	_
124-48-1	Chlorodibromometh	ano	2.00	
108-90-7	Chlorobenzene		2.00	
	Xylene-mp		2.00	
100-41-4	Ethylbenzene		2.00	
	Xylene-o		2.00	
JJ -4 / - U	varene_o		2.00	٦

FORM I VOA-GCMS

3781329

FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEFT

CLIENT SAMPLE NO.

V109091LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL

Lab Prep Batch: V1090901

Sample wt/vol:

10.0 (g/mL) G

Lab File ID: 0302003

Level: (low/med) LOW

Date Analyzed: 09/09/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg	Q	
75-25-2	Styrene Bromoform 1,1,2,2-Tetra	achloroethane	2.00 2.00 2.00	U

FORM I VOA-GCMS

# FORM 3 SOIL VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name:

Lab Prep Batch: V1090901

SDG No.: 9809-235

Matrix Spike - Sample No.: V109091BS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
i	ADDED	CONCENTRATION		ક	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Acetone	100		104	104	59-151
Acetonitrile	1000		1080	108	57-143
Benzene	100		95.2	95	72-124
Bromobenzene	100		100	100	77-120
Bromochloromethane	100	·	112	112	74-120
Bromodichloromethane	100		102	102	68-119
Bromoform	100		115	115	66-136
Bromomethane	100		100	100	40-134
Methyl-Ethyl Ketone	100		105	105	55-151
n-Butylbenzene	100		123	123	69-129
sec-Butylbenzene	100		117	117	72-127
tert-Butylbenzene	100		124	124	73-126
Carbon Disulfide	100		111	111	60-133
Carbon Tetrachloride	100		105	105	64-123
Chlorobenzene	100		95.1	95	77-112
Chlorodibromomethane	100		102	102	72-118
Chloroethane	100		87.7	88	64-142
2-Chloroethyl vinyl Eth	100		100	100	22-165
Chloroform	100		105	105	70-115
Chloromethane	100		98.6	99	58-139
2-Chlorotoluene	100		106	106	65-132
4-Chlorotoluene	100		109	109	67-127
1,2-Dibromo-3-chloropro	100		105	105	56-134
1,2-Dibromoethane	100		105	105	74-118
Dibromomethane	100		101	101	75-114
1,2-Dichlorobenzene	100		107	107	80-113
1,3-Dichlorobenzene	100		104	104	77-119
1,4-Dichlorobenzene	100	:	101	101	78-116
Column to be used to fla	g recovery	and RPD value	s with an aste	risk	

\* Values outside of QC limits

COMMENTS:	 	 	 

page 1 of 3

FORM III VOA-GCMS

#### FORM 3 SOIL VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name:

3781331

Lab Prep Batch: V1090901

SDG No.: 9809-235

Matrix Spike - Sample No.: V109091BS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMIT: REC.
Dichlorodifluoromethane	100		89.6	90	48-145
1,1-Dichloroethane	100	Í	97.3	97	76-118
1,2-Dichloroethane	100		95.2	95	62-124
1,1-Dichloroethene	100		106	106	69-121
cis-1,2-Dichloroethene	100		98.7	99	76-114
trans-1,2-Dichloroethen	100		106	106	72-121
1,2-Dichloropropane	100		100	100	64-133
1,3-Dichloropropane	100	İ	98.6	99	68-128
2,2-Dichloropropane	100		110	110	67-132
1,1-Dichloropropene	100		101	101	76-117
cis-1,3-Dichloropropene	100		105	105	77-120
trans-1,3-Dichloroprope	100		105	105	73-124
Ethylbenzene	100		98.0	98	77-111
Hexachlorobutadiene	100		124	124	69-13
2-Hexanone	100		110	110	53-144
Isopropylbenzene	100		106	106	74-125
4-Isopropyltoluene	100		124	124	72-12
Methylene Chloride	100		109	109	67-119
4-Methyl-2-Pentanone	100		107	107	42-144
Naphthalene	100		108	108	53-124
n-Propylbenzene	100	i	112	112	75-125
Styrene	100		111	111	77-117
1,1,1,2-Tetrachloroetha	100	İ	102	102	79-113
1,1,2,2-Tetrachloroetha	100		98.2	98	67-126
Tetrachloroethene	100	1	82.4	82	77-115
Toluene	100	i	95.0	95	77-115
1,2,3-Trichlorobenzene	100		119	119	62-132
1,2,4-Trichlorobenzene	100		120	120	68-132
	100	and RPD value	120	120	

\* Values outside of QC limits

COMMENTS:	

#### FORM 3 SOIL VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name:

Lab Prep Batch: V1090901

SDG No.: 9809-235

Matrix Spike - Sample No.: V109091BS Level: (low/med) LOW

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
	========	=======================================	=======================================	=====	=====
1,1,1-Trichloroethane	100		101	101	63-122
1,1,2-Trichloroethane	100		99.7	100	69-117
Trichloroethene	100		104	104	75-113
Trichlorofluoromethane	100		101	101	55-130
1,2,3-Trichloropropane	100		110	110	62-130
1,2,4-Trimethylbenzene	100		121	121	69-126
1,3,5-Trimethylbenzene	100		120	120	69-128
Vinyl Acetate	100		98.1	98	28-146
Vinyl Chloride	100		98.6	99	65-134
Xylene-mp	200		206	103	77-115
Xylene-o	100		102	102	77-115
•					İ

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 67 outside limits

COMMENTS:		 
	 <del></del>	 

page 3 of 3

FORM III VOA-GCMS

FORM 3
SOIL VOA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: V1090901

SDG No.: 9809-235

Matrix Spike - Sample No.: 9809-235-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
1,1-Dichloroethene Benzene Trichloroethene Toluene Chlorobenzene	217 217 217 217 217 217	0.000 0.000 0.000 0.000 0.000	168 157 175 164 160	77 72 81 76* 74*	69-121 72-124 75-113 77-115 77-112

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L	IMITS REC.
1,1-Dichloroethene Benzene Trichloroethene Toluene Chlorobenzene	200 200 200 200 200 200	173 155 162 153 148	86 78 81 76* 74*	11 8 0 0	20 20 20 20 20 20 20	69-121 72-124 75-113 77-115 77-112

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

RPD: 0 out of 5 outside limits Spike Recovery: 4 out of 10 outside limits

COMMENTS:	

<sup>\*</sup> Values outside of QC limits

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

ENVIRONMENTAL TESTING AND CONSULTING. INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

Client Name : \_OHM Remediation Services: \_Defense Depot Memphis TN Project Name

: \_9809-235 ETC Order # Method (SW-846) . 8270C/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

QC Batch Form 4 Summary P04032 P04032LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for multiple analytes were flagged for high recovery in P04032LB, P04032BS ,and samples 9809-235-01MS/MSD (RA-TS-005). Review of the raw data showed no obvious matrix interference. P04032LB and P04032BS were re-analyzed for verification with similar recoveries.

#### Laboratory Control Sample FORM 3 P04032BS

All criteria met.\*

Recovery for Bis(2-Chloroisopropyl) ether was flagged for high recovery in P04032BS. High recovery indicates the detection limits were not affected. This analyte was not detected in sample associated with this project. The data was not affected.

Matrix Spike / Matrix Spike Dup FORM 3 9809-235-01 RPD : A RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits. RA-TS-005

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P04032LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

<u>Semi-Volatile Internal Standard Area and RT FORM 8</u> Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

# ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN CASE NARRATIVE GC/MS SEMI-VOLATILE COMPOUNDS - SOIL 3781336

3781336

: \_OHM Remediation Services: \_Defense Depot Memphis TN Client Name Project Name

: \_9809-235 : \_8270C/3550B ETC Order # Method (SW-846)

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

· 44.

Laboratory Manager

## FORM 2 SOIL BNA-GCMS SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-235

Level: (low/med) LOW

	CLIENT	S1	<u> </u>	<u> </u>						
	SAMPLE NO.	(3ED) #	S2	S3	S4	S5	S6	S7	S8	TOT
	=========	(2FP)#	(PHL)#	(NBZ)#	(FBP)#	(TBP)#	(TPH)#	#	#	OUT
0.1		=====	=====	=====	=====	=====	=====	<b>====</b> =	=====	
01	P04032LB	66	73	92*	94*	83	91	i	1	2
02	P04032BS	83	90	94*	100*	92*	101		I	2 3
03	9809-235-1	60	64	67	74	65	82		i <del></del>	ő
04	9809-235-1M	75	84	94*	96*	94*	98		l <del></del>	3
05	9809-235-1S	82	90	95*	97*	97*	97		l ———	3 3 2 2
06	P04032LB	67	76	86*	94*	74	75		l ———	3
07	P04032BS	81	91	97*	99*	90	80		l	2
08				3,	, , , ,	90	80		l	2
09							·			<u>   </u>
10										li
11										
12										
13										
12 13 14 15 16										
15										
15										
10										
17										<del></del>
18										
19									<del></del>	
20										I——
21										
22					——- I			<del></del> i		
18 19 20 21 22 23 24 25 26										
24		·				———				
25		j.	<del></del>		<del></del>					
26	·	<del></del> ].				[				
27	<del></del>  -			····						
20	<del></del> 1-									
27 28 29 30				I.						
49				i						
301		l_								
				······································	I.	I	1			

```
S1 (2FP) = 2-Fluorophenol (23-89)

S2 (PHL) = Phenol-d6 (31-94)

S3 (NBZ) = Nitrobenzene-d5 (39-80)

S4 (FBP) = 2-Fluorobiphenyl (43-84)

S5 (TBP) = 2,4,6-Tribromophenol (17-91)

S6 (TPH) = Terphenyl-d14 (40-121)
```

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II BNA-GCMS

P04032LB

Lab Name: ETC, INC.

Lab Prep Batch: P04032

Lab File ID: 1301011

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9809-235

Instrument ID: BNA2

Date Analyzed: 09/10/98

Time Analyzed: 2123

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

		LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	DAME DE NO.	SAME DE 1D	TIDE ID	ANADIZED
				=======
01	P04032BS		1401012	09/10/98 09/11/98
02	9809-235-1		2001018	00/11/08
03	0000 235 1			03/11/30
	9809-235-1M		2101019	09/11/98
04	9809-235-1S	!	2201020	09/11/98
05	P04032BS		3201002	09/11/98
06	10.0000		3201002	05/11/50
06			<u></u>	
07				
08				
09				
10				
11				
12	·····			
12				
13				
14				
15				
16		<del></del>		
17				
18				
19	<del></del>			
20				
21		-		
22				
23				
23				
24				
25				
26			<del></del>	
40	•			
27				i
28				
29				
				<u></u>
30				

COMMENTS:	

page 1 of 1

FORM IV BNA-GCMS

## FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P04032LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL Lab Prep Batch: P04032

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1301011

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENT (ug/L o					Q
83-32-9	Acenaphthene				167	τ,	
208-96-8	Acenaphthylene	<del></del> -			167	1 -	
120-12-7	Anthracene	·			167	-	
92-87-5	Benzidine			ļ	333		
56-55-3	Benzo(a)Anthrac	cene			167	4 -	
205-99-2	Benzo(b)fluorar	nthe <u>ne</u>			167		
1 207-08-9	Benzo(k)fluorar	nthene		İ	167	1 -	
191-24-2	Benzo(a.h.i)nei	cvlene			167	1 -	
50-32-8	Benzo(a)pvrene				167	_	ļ
65-85-0	Benzoic Acid -				1670	_	
100-51-6	Benzvl Alcohol				167	1 -	
111-44-4	bis(2-ChloroetF	vl)ether			167		
! 111 <b>-</b> 91-1 <b></b> -	Bis(2-chloroet)	noxy)metha	ne		167	I -	
39638-32-9	bis(2-Chloroisa	opropyllet	her		167	1 -	- 1
117-81-7	bis(2-ethvlhexu	/liPhthala	te -		167	_	
101-55-3	4-Bromophenvl-r	phenvlethe			167	I -	
85-68-7	Butvlbenzvlohth	nalate	^—i		167	_	
86-74-8	Carbazole				167	_	
106-47-8	4-Chloroaniline				167	_	
59-50-7	4-Chloro-3-Meth	vinhenol		!	167	_	- 1
91-58-7	2-Chloronaphtha	ilene			167	_	ŀ
95-57-8	2-Chlorophenol				167	_	
7005-72-3	4-Chlorophenyl-	nhenvloth	<del></del> -			-	
218-01-9	Chrysene	buenly recit	<sub>e</sub> ,—		167	_	
53-70-3	Dibenzo(a,h)ant	hracono			167	_	
132-64-9	Dibenzofuran	ur aceue			167 167	-	
84-74-2	Di-n-Butylphtha	lato				-	
95-50-1	1,2-Dichlorober	Tace			167	_	
541-73-1	1,2-Dichlorober	2000	[		167	_	
106-46-7	1,4-Dichlorober	12ene			167	_	
91-94-1	3,3'-Dichlorobe	nzene	[		167		
120-23-2	2,4-Dichlorophe	uziaine			167	-	- 1
120-63-2	2,4-Dichiorophe	uoT			167	_	
04-00-2	Diethylphthalat	:e			167	U	
<del></del>	<u></u>	<del></del>					

FORM I BNA-GCMS

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

P04032LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL Lab Prep Batch: P04032

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1301011

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRA (ug/L or			Q
105-67-9	2,4-Dimethyphs	enol		167	บ
131-11-3	2,4-Dimethyphs	ate		167	
534-52-1	4,6-Dinitro-2-	methylpheno		167	ប
51-28-5	4,6-Dinitro-2- 2,4-Dinitrophe	nol	— i	333	U
121-14-2	2,4-Dinicrotol	.uene		167	U
606-20-2	2,6-Dinitrotol	uene	<u></u> ⊦	167	U
117-84-0	Di-n-octylphth	alate		167	U
86-30-6	Diphenylamine/	n-NDPA		167	U
206-44-0	Fluoranthene			167	U
	Fluorene			167	U
118-74-1	Hexachlorobenz	ene		167	U
87-68-3	Hexachlorobuta	diene		167	U
77-47-4	Hexachlorocycl	opentadiene		167	U
67-72-1	Hexachloroetha	ne		167	U
193-39-5	Indeno(1,2,3-c	d) pyrene		167	U
	Isophorone			167	U
91-57-6	2-Methylnaphth	alene		167	บ
95-48-7	2-Methylphenol			167	U
106-44-5	3&4-Methylpher	ioI		167	U
91-20-3	Naphthalene			167	U
	2-Nitroanil <del>in</del> e			167	U
	3-Nitroaniline			167	U
	4-Nitroaniline			167	บ
98-95-3	Nitrobenzene	•		167	U
88-75-5	2-NitrophenoI		<del></del>	167	U
100-02-7	4-Nitrophenol			167	
621-64-7	N-Nitrosodinpr	opylamine		167	ប
87-86-5	Pentachlorophe	nol	_	167	ប
85-01-8	Phenanthrene			167	U
108-95-2				167	U
129-00-0	Pyrene			167	ប
110-86-1	Pyridine	_		167	U
120-82-1	1,2,4-Trichlor	obenzene		167	U

FORM I BNA-GCMS

3781341

### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLF NO.

P04032LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL Lab Prep Batch: P04032

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1301011

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/10/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

95-95-4-----2,4,5-Trichlorophenol 167 U 167 U 167 U

FORM I BNA-GCMS

# FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04032

SDG No.: 9809-235

Matrix Spike - Sample No.: P04032BS Level: (low/med) LOW

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Acenaphthene	1670		1490	89	34-126
Acenaphthylene	1670		1560	93	62-123
Anthracene	1670		1700	102	68-124
Benzidine	3330		1770	53	4-11
Benzo(a) Anthracene	1670		1670	100	60-13:
Benzo(b) fluoranthene	1670		1680	100	67-126
Benzo(k) fluoranthene	1670		1720	103	75-133
Benzo(g,h,i)perylene	1670		1450	87	53-137
Benzo(a) pyrene	1670	:	1730	104	68-129
Benzoic Acid	1670		3880	232	37-25
Benzyl Alcohol	1670	ļ	1560	93	20-159
bis(2-Chloroethyl)ether	1670		1640	98	25-14
Bis(2-chloroethoxy)meth	1670		1520	91	37-153
bis(2-Chloroisopropyl)e	1670		2720	163*	35-138
bis(2-ethylhexyl)Phthal	1670		1670	100	60-150
4-Bromophenyl-phenyleth	1670	]	1620	97	59-130
Butylbenzylphthalate	1670		1760	105	71-137
Carbazole	1670	]	1570	94	64-149
4-Chloroaniline	1670		526	31	27-106
4-Chloro-3-Methylphenol	3330	1	3020	91	33-147
2-Chloronaphthalene	1670		1540	92	62-126
2-Chlorophenol	3330		3070	92	34-126
4-Chlorophenyl-phenylet	1670		1570	94	60-128
Chrysene	1670	]	1690	101	67-13:
Dibenzo(a,h)anthracene	1670		1660	99	51-138
Dibenzofuran	1670		1550	93	57-133
Di-n-Butylphthalate	1670		1590	95	39-179
1,2-Dichlorobenzene	1670		1460	87	58-11
	***************************************	l			

#	Column	to 1	be	used	to	flag	recovery	and	RPD	values	with	an	asterisk
4	**- 1		_ : -:		$\sim$	74-1.	<u> </u>						

~	Agines	outside	OT	V.	TIMITCO

COMMENTS:		

page 1 of 3

FORM III BNA-GCMS

# 3781343 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04032

SDG No.: 9809-235

Matrix Spike - Sample No.: P04032BS Level: (low/med) LOW

	SPIKE	SAMPLE	7.00	7	T
	ADDED	CONCENTRATION	LCS CONCENTRATION	LCS	QC.
COMPOUND	(ug/Kg)			, •	LIMITS
	(ug/kg/	(ug/Kg)	(ug/Kg)	REC #	1
1,3-Dichlorobenzene	1670		1400	84	55-109
1,4-Dichlorobenzene	1670	i	1420	85	26-121
3,3'-Dichlorobenzidine	3330		4190	126	
2,4-Dichlorophenol	3330		2980	89	18-191
2,6-Dichlorophenol	3330				68-123
Diethylphthalate	1670		3250 1620	98	45-157
2,4-Dimethyphenol	3330		2770	97	72-133
Dimethylphthalate	1670		1570	83	53-121
4,6-Dinitro-2-methylphe	3330	į	3210	94	64-132
2,4-Dinitrophenol	3330	•	3380	96	70-158
2,4-Dinitrotoluene	1670	i	1580	102 95	31-186
2,6-Dinitrotoluene	1670		1570	95 94	22-139
Di-n-octylphthalate	1670		1750		64-142
Diphenylamine/n-NDPA	1670		1620	105	42-172
Fluoranthene	1670		1650	97 99	55-140
Fluorene	1670		1580		71-132
Hexachlorobenzene	1670		1630	95 98	65-126
Hexachlorobutadiene	1670	· ·	1480		64-130
Hexachlorocyclopentadie	1670		1	89	62-116
Hexachloroethane	1670	į	1330 1440	80	16-160
Indeno(1,2,3-cd)pyrene	1670	j		86	58-110
Isophorone	1670		1590	95	34-170
2-Methylnaphthalene	1670		1660	99	35-135
2-Methylphenol	3330		1410	84	57-123
3&4-Methylphenol	3330		3100	93	56-132
Naphthalene	1670		2700	81	68-111
2-Nitroaniline			1430	86	62-113
3-Nitroaniline	1670		1540	92	63-138
3 MICLORITITIE	1670		1310	78	53-128
· · · · · · · · · · · · · · · · · · ·					

#	Column	to be used	l to	flag recovery and RPD values with an asteris	k
*	Values	outside of	QC	limits	

COMMENTS:	

page 2 of 3

FORM III BNA-GCMS

#### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

3781344

Lab Name: ETC, INC.

Lab Prep Batch: P04032

SDG No.: 9809-235

Matrix Spike - Sample No.: P04032BS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	- %	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
	=======		=========		
4-Nitroaniline	1670	i	1540	92	60-140
Nitrobenzene	1670		1460	87	59-123
2-Nitrophenol	3330		3050	92	52-145
4-Nitrophenol	3330		1550	46	12-105
N-Nitrosodinpropylamine	1670		1510	90	24-141
Pentachlorophenol	3330		3190	96	6-164
Phenanthrene	1670		1640	98	66-128
Phenol	3330		2660	80	22-127
Pyrene	1670		1660	99	33-155
Pyridine	1670		1350	81	41- 94
1,2,4-Trichlorobenzene	1670		1570	94	30-127
2,4,5-Trichlorophenol	3330		3170	95	50-173
2,4,6-Trichlorophenol	3330		3060	92	46-161
	·				

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 1 out of 69 outside limits

COMME	NTS:
-------	------

page 3 of 3

FORM III BNA-GCMS

#### 3781345

#### FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04032

SDG No.: 9809-235

Matrix Spike - Sample No.: 9809-235-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Acenaphthene 4-Chloro-3-Methylphenol 2-Chlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene 4-Nitrophenol N-Nitrosodinpropylamine Pentachlorophenol Phenol Pyrene 1,2,4-Trichlorobenzene	3330 5330 5330 3330 3330 1610 3330 5330 5330 3330	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	2790 4840 4780 2650 2920 1650 3030 5590 3630 3160 2870	84 91 90 80 88 102 91 105 68 95 86	34-126 33-147 35-138 26-121 22-139 12-105 24-141 6-164 22-127 33-155 30-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L RPD	IMITS   REC.
Acenaphthene 4-Chloro-3-Methylphenol 2-Chlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene 4-Nitrophenol N-Nitrosodinpropylamine Pentachlorophenol Phenol Pyrene 1,2,4-Trichlorobenzene	3290 5260 5260 3290 3290 1580 3290 5260 5260 3290 3290	2880 5120 5130 2850 2930 1510 3150 5480 4080 3060 3090	88 97 98 87 89 96 104 78 93	5 6 8 1 6 5 1 14 2	20 20 20 20 20 20 20 20 20 20 20 20	34-126 33-147 35-138 26-121 22-139 12-105 24-141 6-164 22-127 33-155 30-127

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 11 outside limits Spike Recovery: 0 out of 22 outside limits

CO	MM	EN	TS	:
----	----	----	----	---

Environmental Testing & Consulting, Inc.

**Quality Control Reports GC Pesticides** 

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-235 Method (SW-846) : \_8081A/3550B

#### HOLDING TIMES

Sample Extraction: All soil samples extracted within 14 days. Sample Analysis: All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06017 P06017LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> P06017BS

All criteria met.\*

Several compounds were flagged for high recovery in P06017BS. High recovery indicates that detection levels were not affected. These analytes were not identified in the sample associated with this project. The data was not affected.

Matrix Spike / Matrix Spike Dup FORM 3

9809-235-01 RPD: All analytes within QC limits.\* RA-TS-005 Spike Recovery: All analytes within QC limits.\*

RPD for Endrin Ketone was flagged as outside QC Limits due to high recovery in the Matrix Spike. MS/MSD recoveries were within OC Limits.

Recoveries for multiple analytes were flagged for high recovery in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06017LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6\*
Calibration Verification : All criteria met. FORM 7\*\*
Endrin/Breakdown : All criteria met. FORM 7A

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

3781348

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-235 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

Calibration Verification(CV): P109171A.14R (Primary)Analyte%Diff(15% Max)ResponseEndrin aldehyde22.2HighEndrin ketone15.2High

High responses indicate that reported levels for these analytes may be biased high. These compounds were not identified in samples associated with this project. The data was not affected.

Calibration Verification(CV): P109171A.15R (Primary)
Analyte %Diff(15% Max) Response
Decachlorobiphenyl 17.7 Low

Low response indicates that reported levels for this surrogate may be biased low. Surrogate recoveries for all samples associated with this project were within QC Limits. The data was not affected.

Calibration	Verification(CV) :	P109171B.02R	(Confirmation)
Analyte	%Diff(15% Max)	Response	
Endrin	24.4	High	
Heptachlor	17.0	High	
Methoxychlor	34.2	High	

High recoveries indicate that reported levels for these analytes may be biased high. This CV confirmation was required for 4,4-DDT and Endrin Ketone only. Responses for these analytes were within QC Limits in the CV. Results were reported from the primary analysis. The data was not affected.

#### Calibration Verification(CV): P109171B.14R (Confirmation) Analyte %Diff(15% Max) Response 16.9 Low alpha-BHC 24.7 LOW delta-BHC 20.6 Low Endosulfan sulfate 28.1 Hidh Endrin 29.0 Low Endrin aldehyde

High recovery for Endrin indicate that reported levels for this analyte may be biased high. Low responses indicate reported levels for these analytes may be biased low. Results were reported from the primary analysis. The data was not affected.

Calibration Verification(CV): P109211B.22R (Confirmation)
Analyte %Diff(15% Max) Response
Endrin aldehyde 49.5 High

High recovery for Endrin aldehyde indicate that reported level for this analyte may be biased high. Results were reported from the primary analysis. The data was not affected. 3781349

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-235 Method (SW-846) : \_8081A/3550B

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-235

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	#	#	#	#	#	OUT
01	9809-235-1	82	151		<u> </u>					0
02 03	9809-235-1M 9809-235-1S	100 82	123 102		İ					0
03	P06017LB	89	102			<u> </u>	<b></b>			ő
05	P06017BS	115	126							0
06 07										<u> </u>
08		<u></u>								<del></del>
09										
10 11		<del></del> .			l			:		
12										
12 13										
14 15 16 17 18 19 20 21 22 23 24						<u> </u>				
16				<del></del>	<u> </u>				<del></del>	
17										
18										
20										
21										
22					<u> </u>					
24										
25										
26 27					<u> </u>					
28		-								
29										
30	l			l	l	l	l	l	l	11

QC LIMITS S1 (TMX) = Tetrachloro-m-xylene
S2 (DBC) = Decachlorobiphenyl (39-130) (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

Lab Name: ETC, INC.

Lab Prep Batch: P06017

Lab File ID: P109211B-10R

Matrix: (soil/water) SOIL

Level:(low/med) LOW

P06017LB

SDG No.: 9809-235

Instrument ID: PEST1B

Date Analyzed: 09/21/98

Time Analyzed: 2141

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		=======================================		========
01 02	9809-235-1		P109171A-07R	09/17/98
03	9809-235-1M 9809-235-1S		P109171A-08R	09/17/98
04	P06017BS		P109171A-09R P109211B-16R	09/17/98
05	1001.20		F109211D-16K	09/22/98
06				
07				
08				
09 10				
11				
12				
13				
14				
15				
16 17				
18				
19			<del></del>	
20				
21				
22				
23 24				
25				
26				
27				<del></del>
28				
29				
30				

COMMENTS:	

page 1 of 1

FORM IV PESTICIDE

### FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06017LB

Lab Name: ETC, INC.

SDG No.: 9809-235

Matrix: (soil/water) SOIL Lab Prep Batch: P06017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P109211B-10R

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 09/21/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO. COMPO		ATION UNITS: ug/Kg) UG/KG	Q
CAS NO. COMPO  309-00-2	UND (ug/L or  -BHC -BHC -BHC -BHC -chlordane -chlordane -chlordane DDD DDE DDT cin ulfan I ulfan II		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
7421-93-4Endri 53494-70-5Endri 76-44-8Hepta 1024-57-3Hepta 72-43-5Metho	n aldehyde n ketone chlor chlor epoxide	1.33 1.33 1.33 1.33 1.33	U U U U

FORM I PESTICIDE

#### FORM 3 3781353 SOIL PESTICIDE LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06017

SDG No.: 9809-235

Matrix Spike - Sample No.: P06017BS Level:(low/med) LOW

	SPIKE ADDED	SAMPLE CONCENTRATION	BS CONCENTRATION	BS %	QC.
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	
Aldrin	33.33		30.74	~=====	======
alpha-BHC	33.33		28.98	92 87	31-111 22-112
beta-BHC	33.33		36.22	109	54-120
delta-BHC	33.33	;	27.12	81	10- 96
gamma-BHC	33.33		30.73	92	26-113
alpha-chlordane	33.33		35.05		49-103
gamma-chlordane	33.33		35.69	107*	
4,4'-DDD	33.33		40.84	122*	47-112
4,4'-DDE	33.33		39.74		36-117
4,4'-DDT	33.33		41.91	126*	49-124
Dieldrin	33.33		36.91	111*	44-108
Endosulfan I	33.33		39.04		49-103
Endosulfan II Endosulfan sulfate	33.33		41.09	123*	;
Endrin	33.33		39.89	120*	51-110
Endrin aldehyde	33.33		40.01	120*	44-118
Endrin ketone	33.33 33.33		48.94	147*	48-128
Heptachlor	33.33		41.03	123	38-130
Heptachlor epoxide	33.33		37.25 34.40	112	47-113
Methoxychlor	33.33		52.27	103 157*	47-112
	55.55		52.27	13/*	39-147

#	Column	to be used	l to	flag recovery and RPD values with an ast	erisk
*	Values	outside of	QC	limits	or ron

RPD:	0 out of	0 outside	limits	
Spike	Recovery:	12 out of	20 outside	limits

COMMENTS:	
-----------	--

#### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06017

SDG No.: 9809-235

Matrix Spike - Sample No.: 9809-235-1 Level:(low/med) LOW

	SPIKE	SAMPLE	M	М	QC.
	ADDED	CONCENTRATION	CONCENTRATION	ક	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
			========	======	=====
Aldrin	32.89473	0.00000	38.69193	118*	31-111
alpha-BHC	32.89473	0.00000	35.24369	107	22-112
beta-BHC	32.89473	0.00000	38.68179	118	54-120
delta-BHC	32.89473	0.00000	29.25848	89	10- 96
gamma-BHC (Lindane)	32.89473	0.00000	38.18732	116*	26-113
alpha-chlordane	32.89473	0.00000	38.77300	118*	49-103
gamma-chlordane	32.89473	0.00000	39.29390	119*	50-106
4,4'-DDD	32.89473	0.00000	39.45908	120*	47-112
4,4'-DDE	32.89473	0.00000	38.49110	117	36-117
4,4'-DDT	32.89473	18.60254	50.31390	96	49-124
Dieldrin	32.89473	0.00000	39.28831	119*	44-108
Endosulfan I	32.89473	0.00000	39.73993	121*	49-103
Endosulfan II	32.89473	0.00000	41.97469	128*	53-115
Endosulfan sulfate	32.89473	0.00000	39.18045	119*	51-110
Endrin	32.89473	0.00000	39.91786	121*	44-118
Endrin aldehyde	32.89473	0.00000	43.20491	131*	48-128
Endrin Ketone	32.89473	9.16009	43.00170	103	38-130
Heptachlor	32.89473	0.00000	39.18962	119*	47-113
Heptachlor epoxide	32.89473	0.00000	38.39512	117*	47-112
Methoxychlor	32.89473	0.00000	43.29785	132	39-147

							recovery	and	RPD	values	with	an	asterisk
*	Values	out	tsid	de of	QC	limi	ts						

COMMENTS:		

page 1 of 2

FORM III PESTICIDE

#### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06017

SDG No.: 9809-235

Matrix Spike - Sample No.: 9809-235-1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	S CONCENTRATION (ug/Kg)	S % REC #	% RPD #		IMITS REC.
	=======	=======================================	=====	=====	=====	======
Aldrin	33.11258	32.51533	98	18	20	31-111
alpha-BHC	33.11258	30.47654	92	15	20	22-112
beta-BHC	33.11258	36.28272	110	7	20	54-120
delta-BHC	33.11258	27.12536	82	8	20	10- 96
gamma-BHC (Lindane)	33.11258	32.17841	97	18	20	26-113
alpha-chlordane	33.11258	36.42203	110*	7	20	49-103
gamma-chlordane	33.11258	36.81434	111*	7	20	50-106
4,4'-DDD	33.11258	39.11516	118*	2	20	47-112
4,4'-DDE	33.11258	35.92079	108	8	20	36-117
4,4'-DDT	33.11258	51.62273	100	4	20	49-124
Dieldrin	33.11258	34.87580	105	12	20	44-108
Endosulfan I	33.11258	35.98871	109*	10	20	49-103
Endosulfan II	33.11258	37.60448	114	12	20	53-115
Endosulfan sulfate	33.11258	38.58301	116*	2	20	51-110
Endrin	33.11258	35.70096	108	11	20	44-118
Endrin aldehyde	33.11258	39.07491	118	10	20	48-128
Endrin Ketone	33.11258	36.00412	81	24*	20	38-130
Heptachlor	33.11258	35.22571	106	12	20	47-113
Heptachlor epoxide	33.11258	34.66362	105	11	20	47-112
Methoxychlor	33.11258	38.53526	116	13	20	39-147

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 1 out of 20 outside limits Spike Recovery: 18 out of 40 outside limits

COMMENTS:
-----------

page 2 of 2

FORM III PESTICIDE

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

GC PCBs

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBs - SOIL

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-235 Method (SW-846) : \_8082/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06017 P06017LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for Decachlorobiphenyl were flagged as outside QC Limits in samples 9809-235-01(RA-TS-005) and MS/MSD associated with this project due to required dilutions. Review of the raw data showed interference from Non-Target Analytes present in the sample.

<u>Laboratory Control Sample FORM 3</u> P06017BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

RA-TS-005 RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06017LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC
Dilutions Required : No dilutions required.\*

Due to interference from Non-Target Analytes, sample 9809-235-01 was diluted 1:10 to bring the analysis within calibration range.

Daboratory Manager

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-235

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	#	#	#	#	#	OUT
01	P06017LB	88	113							0
02	P06017BD	79	117							0
03	9809-235-1	69	163D							1 1 1
04	9809-235-1M	77	170D			:				1
05	9809-235-1S	83	164D						<del></del>	1 1
06 07				. ————						lI
07										i <del></del>
08 09					<del></del>			<del></del>		
10								•		
11										
12										
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26										
14								<del></del> -		
15										
17						<del></del>	l ——— ]			
18		<del></del>								<u>  </u>
19										
20										
21										
22										
23										İ
24										
26									<del></del>	
27		<del></del>				<del></del>				<del></del>
28					<del></del>					
27 28 29										
30										

S1 (TMX) = Tetrachloro-m-xylene (39-130) S2 (DBC) = Decachlorobiphenyl (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits

D Surrogate diluted out

Lab Name:

Lab Prep Batch: P06017

Lab File ID: C209141A-08R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

P06017LB

SDG No.: 9809-235

Instrument ID: PEST2A

Date Analyzed: 09/14/98

Time Analyzed: 2227

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		=======================================	==========	========
01	P06017BD		C209141A-09R	09/14/98
02	9809-235-1		C209141A-10R	09/14/98
03	9809-235-1M		C209141A-11R	09/15/98
04 05	9809-235-1S		C209141A-12R	09/15/98
06				
07				
08	<del></del>			
09	·	<del></del>		
10				
11				
12				
13				<del></del>
14				
15				
16				
17				
18 19				
20				
21				
22				
23	<del></del>			
24				
25				
26				
27				
28				
29				
30				

COMMENTS:	

page 1 of 1

FORM IV PCB

J000**63** 

# FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06017LB

Lab Name:

SDG No.: 9809-235

Matrix: (soil/water) SOIL

LOW

Sample wt/vol:

30.0 (g/mL) G

Lab Prep Batch: P06017

Lab File ID: C209141A-08R

Level: (low/med)

10(mL)

Date Received: \_\_\_\_\_ Date Analyzed: 09/14/98

Concentrated Extract Volume: Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UN (ug/L or ug/Kg)		Q
11104-28-2 11141-16-5 53469-21-9 11097-69-1 11096-82-5	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1254 Aroclor 1260		16.67 16.67 16.67 16.67 16.67 16.67	U U U U U

FORM I PCB

3781361

#### FORM 3 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name:

Lab Prep Batch: P06017

SDG No.: 9809-235

Matrix Spike - Sample No.: P06017BS Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	BS	BS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		287.9	86	25-125
Aroclor 1260	333.3		330.1	99	25-125

# *	Column Values	to be used outside of	to QC	flag recovery a limits	ind RPD	values	with	an	asterisk
--------	------------------	-----------------------	----------	---------------------------	---------	--------	------	----	----------

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

COMMENTS	٠

FORM III PCB

# SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY -> 3781362

Lab Name:

Lab Prep Batch: P06017

SDG No.: 9809-235

Matrix Spike - Sample No.: 9809-235-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	M	M	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	332.2	0.000	290.5	87	25-125
Aroclor 1260	332.2		339.5	102	25-125

COMPOUND	SPIKE ADDED (ug/Kg)	S CONCENTRATION (ug/Kg)	S % REC #	% RPD #	QC LI RPD	MITS REC.
Aroclor 1242 Aroclor 1260	331.1 331.1	298.0 324.3	90 98	3 4		25 <b>-</b> 125 25 <b>-</b> 125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

COMMENTS:

# IMPORTED CLEAN BACKFILL (TOP SOIL) CONFIRMATION SAMPLE Date Collected 09/18/98

**RA-TS-006** 

#### ENVIRONMENTAL TESTING & CONSULTING, INC.



2024 Walnut Grove Road • Memphis, TN 38111 • (901) 327-2750 • FAX (901) 327-6334

Founded 1972

3781364

September 22, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9809581 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely

Nathan A. Pera. IV

Chief Executive Officer

rt

Attachment

OHM\_DDMT

### Chemical Analytical Data Review/Evaluation/Validation

SOUTHERN REGION	Review/Evaluation/Validation							
Report Type [ ] Preliminary [ Pinal Date Received:	Pr	oject Numbe	r: <u>20</u> 5	64				
Project Name: DDMT Analysis/Method:	TCL VOC	, BNA, P	estpen.	TAL met				
Laboratory: Specilized Assay	Lab Project/C	ase Number:	9809	581				
Sample Number(s): RA - T5-006	<del></del>		·					
		· ·-·						
Evaluated By: 5 Para yape	Date Evaluate	ed:2 /	1/99	<del></del>				
Data Package Deliverables Requirement: [ ] OHM Minimum [ ] OHM Standard [ ] OHM Maximum  [ ] Other, please describe								
Ovelier Control Dulington			·					
Quality Control Deliverables PQL, MDL, RL, etc meets DQOs	Required	Received	Passed	Failed				
Comment.	· · · · · · · · · · · · · · · · · · ·	<u></u>		<u> </u>				
Holding Times				1				
Comment:		•						
Sample Condition (preservatives, containers, temperature, etc) / Case Narrative	Х	V						
Comment:								
Surrogate Recoveries	Х							
Comment: Out-for BNA - matrix interference documente	d							
Lab Control Sample Recoveries	Х	-						
Comment:								
Lab Control Sample Duplicate or Other Spike Recoveries	Х		ست					
Comment: Out for post, revover upper lm.t, san	nple re	sul# N	D. Pata	٥١٤				
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD  Comment:	Х		~					
Matrix Spike Recoveries	Х		V					
Comment: Oul-for metals, von , pest, PULCS OK	duta a	ccepted						
Matrix Spike Duplicate Recoveries	Х							
Comment: out for metals, VOA, pest. LCS ok.	Deta	accept	col					
Matrix Spike / Matrix Spike Duplicate RPD	Х	-						
Comment:								
Laboratory Blanks (daily, method, instrument)	Х		٠					
Comment: (a detected, sample results lox 6/1	an/c co	nc. de	ta ok	` ,				
Field Blanks (trip, eqpt rinsate, ambient, matrix)	Х							
Comment:								

Quality Control Deliverables			Required	Received	Passed	Failed
Field Duplicates RPD			X	-		Tanea
Comment:	N. Pr					<del>                                     </del>
Second Source Check	<del></del>		<u> </u>			
Comment:		<del></del>	<u> </u>	<u> </u>	<u> </u>	
Second Column Confirmation		· · · · · · · · · · · · · · · · · · ·	X		1/	<del></del>
Comment:			<u> </u>		<u> </u>	
Percent Moisture/Solids			1	<del></del>		
Comment:		<u> </u>	<u> </u>		. h	
Initial / Continuing Calibrations						
Comment:			×	سي	سمس	T -
Comment.						
Internal Standard Areas and Retention Times (Organics	s Only)		×			
Comment:					<u></u>	<del></del>
Chromatograms						
Comment:	<del></del>		×			
	/	/ <sup>-</sup>				
Sample Prep Worksheets					·	T
Comment:						
Raw Data Calculations	<del></del>			·		<del></del>
Comment:	<del></del>		l		<del>_</del> ·	
I change Durling	<del></del>					
Laboratory Duplicates Comment:						
Comment.				•		
Instrument Performance Checks (Organics Only)					1	Τ
Comment:		<u></u>				<u> </u>
Tentatively Identified Compounds (TICs)		<del></del>				
Comment:				-		
Completeness	# Samples	# Analyses	Tot#	Tot # Accept A	nalyses	% Complete
Completeness = (Tot # Analyses / Tot # Accepted Analyses) x 100	<del></del>	- 7	Analyses	<del></del>		<u> </u>
General Comments:		1	·		<del></del>	100
Summary: [ ] See attached pages		<u> </u>				
			<u> </u>		<u> </u>	·
Shoole Amelianta.					<del></del>	
Check Applicable: [ ] Lab contacted—Corrective [ ] Corrective actions receive	re actions in p		ate Contacted			
[ ] The data, as reported by	the laboratory	, are accenta	ate Received/, ble.	_		
[ ] The data, with qualifiers	as described i	in the "Summ	ary" portion	of this report.	are accept:	able.
[ ] The data are unacceptable	c.		, , ,	10poiq	m o decepa	ioic.
[ ] Other		<del></del>	<u> </u>		<del></del>	
5. Pasary epe				2/1/5	9	
Evaluator's Signature		•	<del></del>		<u>/</u>	

## **Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting**

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report

Q	Surrogate Recovery Outside QC Limits
J	Estimated Value. Presence of the compound was confirmed but less than the
	reported detection limit.
E	Concentration exceeds the established method calibration range but is within
	the working range of the instrument.
В	Analyte detected in the associated Method Blank.
U	Reported result was unconfirmed. Refer to Case Narrative.
N	Non-Compliance Report associated with this sample or project
C	Result reported from GC/MS confirmation analysis.
NC	Result reported from Primary Column Result did not confirm
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ANALYTICAL SUMMARY TABLE

Client Name OHM Remediation Services

Site ID · DDMT

Memphis, TN

ETC Sample ID	Field ID	***************************************		
Dumpic ID	LIGIO ID	<u>Matrix</u>	<u>Method</u>	Method Description
980958101	RA-TS-006	SOIL	6010B	Silver
980958101	RA-TS-006	SOIL	6010B	Aluminum
980958101	RA-TS-006	SOIL	7060A	Arsenic
980958101	RA-TS-006	SOIL	8270C	GC/MS Base/Neutral & Acid
980958101	RA-TS-006	SOIL	6010B	Barium
980958101	RA-TS-006	SOIL	6010B	Beryllium
980958101	RA-TS-006	SOIL	6010B	Calcium
980958101	RA-TS-006	SOIL	6010B	Cadmium
980958101	RA-TS-006	SOIL	9010A	Cyanide
980958101	RA-TS-006	SOIL	6010B	Cobalt
980958101	RA-TS-006	SOIL	6010B	Chromium
980958101	RA-TS-006	SOIL	6010B	Copper
980958101	RA-TS-006	SOIL	6010B	Iron
980958101	RA-TS-006	SOIL	7471A	Mercury
980958101	RA-TS-006	SOIL	6010B	Potassium
980958101	RA-TS-006	SOIL	6010B	Magnesium
980958101	RA-TS-006	SOIL -	6010B	Manganese
980958101	RA-TS-006	SOIL	6010B	Sodium
980958101	RA-TS-006	SOIL	6010B	Nickel
980958101	RA-TS-006	SOIL	D2974-87	Fractional Organic Matter
980958101	RA-TS-006	SOIL	8081A	Organochlorine Pesticides
980958101	RA-TS-006	SOIL	7421	Lead
980958101	RA-TS-006	SOIL	8082	PCBs
980958101	RA-TS-006	SOIL	9045C	pH - Corrosivity
980958101	RA-TS-006	SOIL	6010B	Antimony
980958101	RA-TS-006	SOIL	7740	Selenium
980958101	RA-TS-006	SOIL	7841	Thallıum
980958101	RA-TS-006	SOIL	8260B	GC/MS Volatile Organics
980958101	RA-TS-006	SOIL	6010B	Vanadium
980958101	RA~TS-006	SOIL	6010B	Zinc
980958102	TB-9-18-98	AQUEOUS	8260B	GC/MS Volatile Organics

000002 page 1

### Login Chain-of-Custody

OHM Remediation Services Corp

CHAIN-OF-CUTODY RECORD

LABORATORY COPY

218022**0**FORM (0)19 RF**Q** 97

5 9 4 SAMPLES COLLICTED BY S. G.P. J. J. J. B. A. K.C. 00 **~**1 6 S w Steve Offner Elena Rodriguez Item PROJECT MANAGER 1708 Dunn Ave. PROJECT ADDRESS PROJECT CONTACT PROJECT NAME OHM s LAB COORDINATOR <u>teve Offner</u> RA-15-006 13-9-18-98 Sample Identifier Subsidiary of OHM Corporation
US Route 224 East Findlay, Ohio 45840 (419) 423-3826 Distribution White - Laboratory (To be returned with Analytical Report), Goldenrod - Project File, Yellow - Project Data Manager 901-743-1117 7750 770-326-2571 PROJECT MANAGER S Memphis IN emph1s, TN 38114 CITY STATE AND ZIPCODE 770-734-8060 LAB COURDINATOR S PHONE PROJECT PHONE NUMBER PROJECT LOCATION 150/ 8/8/1/8 p. 11/2/2 Natry. 9/18/18/11/80 COURTER AND AIR BILL NUMBER 14/10 Oak. Time RICHIVED BY 1-0 USACE 770-453-7716 PROJECT MANAGER S FAY 901-743-1048 770-453-7716 LAB COORDINATOR S FAN Preserved. 4/30 33/00-1 Deliverpodia 4402 \*Of COUR PROJECT NUMBER 20560 A OHO CLORE Jr. 8 1 181 2 1 3 d19,10 PERSON Memphis TN 38111 2924 Walnut Grove Road Analyses CITY STATE AND ZIPCODE 1 ADKORATOKY PLIONE 901-327-2750 ETC LABURATORY ADDRESS LABORATORY SERVICE ID 1 ABORATORY FAX 901-327-6334 Nathan Pera LABORATORY CONTACT SAMPLE S CONDITION UPON RECEIPT COOLER TEMPFRATURE UPON RECEIPT SITE and to Lab Coordinator Tease tax results on DUE DATE to 5445 Triangle Pkwy, #400 RECIPIENT NAME Elena Rodriguez OHM Remediation Services Corp **Lgor**cfoss y GA 30092 CITY STATE AND ZIPCOUL MAIL REPORT (COMPANY NAVIE) Comments 100

#### COOLER RECEIPT FORM

Cooler Receipt Form 9809581 CRF p 1

	Number of Coolers _1
LIMS # _9809-581	Date Received09/18/98
PROJECT DDMT/Memphis, TN	VDTSR09/18/98 15 45
USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONC	ERNING CHECK-IN PROBLEMS
A PRELIMINARY EXAMINATION PHASE Date cooler was opened09/18/98 by (print) _Lynette Bugg (sign)	Lyxith Buil
	) //
1 Did cooler come with a shipping slip (airbill,etc)?	, NO
If YES, enter carrier name & airbill number	
2a Were custody seals on outside of cooler?	, NO
2b Were custody seals on sample containers?	NO
•	
3 Were custody seals unbroken and intact at the date and time of arri	.val? NA
4 Did you screen samples for radioactivity using a Geiger Counter?	NO
5 Were custody papers sealed in a plastic bag & taped inside to the l	ıd? NO
6 Were custody papers filled out properly (ink, signed, etc )?	YES
7 Did you sign custody papers in the appropriate place?	YES
8 Was project identifiable from custody papers? If YES, enter project	t name at top of this form YES
9 If required, was enough ice used? cooler temp<4°C, Type of	rceCrushedYES
10 Have designated person initial here to acknowledge receipt of cool	erLB date09/18/98
B LOG-IN PHASE Date samples were logged-in09/18/98	Lyncott Buy
11 Describe type of packing in cooler _Bubble Wrap and Ice	\
12 Were all bottles sealed in separate plastic bags?	YES
13 Did all bottles arrive unbroken and were labels in good condition?	YES
14 Were all bottle labels complete (ID, date, time, signature, preser	ved, etc )? YES
15 Did all bottle labels agree with custody papers?	YES
16 Were correct containers used for the tests indicated?	YES
17 Were correct preservatives added to samples?	YES
18 Was a sufficient amount of sample sent for tests indicated?	YES
19 Were bubbles absent in VOA samples? If NO, list by sample#	YES
20 Was the project manager called and status discussed? If YES, give	details on the back of this form NO
21 Who was called? By whom ?	(date)

VDTSR - Validated Date/Time of Sample Receipt (Date sample is logged into LIMS system)

Environmental Testing & Consulting, Inc.

**Sample Reports** 

### ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN

### INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

3781373

Client Name :OHM Remediation Services

Project Name :DDMT

Memphis, TN

Matrix :SOIL

, 🖘

Date Sample Received :09/18/98

Contract Laboratory Order Number :9809-581

Contract Lab Sample No	Client Sample <u>ID</u>	Date <u>Sampled</u>	Result <u>Units :(%</u>	Date <u>) Analyzed</u>	<u>Method</u>	<u>By</u>
9809-581-01	RA-TS-006	09/18/98	99	09/21/98	160.3	GD

LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01 Sample ID: RA-TS-006

Matrix :SOIL

Project # 20560

Sample Date :09/18/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide Fractional Organic Matter pH - Corrosivity	ND 4.45 5 1	mg/Kg % SU	1 00 0		*	9010A D2974-87 9045C

### ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01 Sample ID: RA-TS-006

Project # 20560

Matrix :SOIL Sample Date :09/18/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	BY	METHOD
Metals Digestion Batch	V8-S0-27					NR	3051
Mercury Digestion Batch	V4-SO-33					RM	7471A
Silver	ND	mg/Kg	0 700	13 14	09/22/98	TD	6010B
Alumınum	11,300	mg/Kg	4.00	14.55	09/22/98	TD	6010B
Arsenic	11.4	mg/Kg	0 200	17.26	09/22/98	$_{ m JF}$	7060A
Barıum	66.0	mg/Kg	0.200	13:14	09/22/98	TD	6010B
Beryllium	0.485	mg/Kg	0.100	13.14	09/22/98	TD	6010B
Calcium	756	mg/Kg	1.00	13:14	09/22/98	TD	6010B
Cadmium	ND	mg/Kg	0.400	13.14	09/22/98	TD	6010B
Cobalt	9.61	mg/Kg	0.700	13:14	09/22/98	TD	6010B
Chromium	15 7	mg/Kg	0.700	13.14	09/22/98	TD	6010B
Copper	15.9	mg/Kg	0 600	13:14	09/22/98	TD	6010B
Iron	22,200	mg/Kg	0 700	14.55	09/22/98	TD	6010B
Mercury	0.047	mg/Kg	0 020	13.55	09/21/98	RM	7471A
Potassium	905	mg/Kg	20 0	13:14	09/22/98	TD	6010B
Magnesium	2,310	mg/Kg	3.00	13:14	09/22/98	TD	6010B
Manganese	575	mg/Kg	0.200	13:14	09/22/98	TD	6010B
Sodium	58.3	mg/Kg	20.0	13:14	09/22/98	TD	6010B
Nickel	14.1	mg/Kg	1.50	13 · 14	09/22/98	TD	6010B
Lead	17.9	mg/Kg	0.100	13.06	09/22/98	TD	7421
Antimony	6.05	mg/Kg	3.20	13.14	09/22/98	TD	6010B
Selenium	0 320	mg/Kg	0.200	19:16	09/23/98	JF	7740
Thallium	0 261	mg/Kg	0.100	11.09	09/23/98	JF	7841
Vanadium	24 7	mg/Kg	0 800	13:14	09/22/98	TD	6010B
Zinc	51 5	mg/Kg	1 00	13:14	09/22/98	TD	6010B

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01

Sample ID: RA-TS-006

Matrix :SOIL

Project # 20560

Sample Date :09/18/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD	_
GC/MS Volatile Organics							8260B	_
OC Batch	V1092101S	/1/		09/21/98	09/21/98	LS		
Acetone	ND		50.0					
Benzene	ND ND		50 0					
Bromodichloromethane			2.00					
Bromoform	ND		2 00					
Bromomethane	ND	J, J	2.00					
Carbon Disulfide	ND		2.00					
Carbon Tetrachloride	ND	J. J	25.0					
Chlorobenzene	ND	3, 3	2.00					
Chlorodibromomethane	ND	٠,٠,٠	2.00					
Chloroethane	ND	٠, ٥	2.00					
Chloroform	ND	-3/,3	2 00					
Chloromethane	ND	ug/Kg	2 00					
	ND	J, J	2.00					
1,1-Dichloroethane	ND	J, J	2 00					
1,2-Dichloroethane	ND	ug/Kg	2 00					
1,1-Dichloroethene	ND	ug/Kg	2.00					
trans-1,2-Dichloroethene	ND	ug/Kg	2.00					
1,2-Dichloropropane	ND	ug/Kg	2.00					
cis-1,3-Dichloropropene	ND		2.00					
trans-1,3-Dichloropropene	ND	ug/Kg	2 00					
Ethylbenzene	ND	ug/Kg	2 00					
2-Hexanone (MBK)	ND	ug/Kg	50 0					
4-Methyl-2-pentanone (MIBK)	ND		50.0					
2-Butanone (MEK)	ND	ug/Kg	50.0					
Methylene Chloride	ND		50.0					
Styrene	ND	ug/Kg	2 00					
1,1,2,2-Tetrachloroethane	ND	ug/Kg	2 00					
Tetrachloroethene	ND	ug/Kg	2 00					
Toluene	ND	ug/Kg	2 00					
1,1,1-Trichloroethane	ND	ug/Kg	2 00					
1,1,2-Trichloroethane	ND	ug/Kg	2 00					
Trichloroethene	ND		2 00					
Vinyl Acetate	ND		25.0					
Vinyl Chloride	ND		2.00					
o-Xylenes	ND		2.00					
m-Xylenes	ND	ug/Kg	2 00					
p-Xylenes	ND	ug/Kg	2 00					
cis-1,2-Dichloroethene	ND		2 00					
Surrogate Standard	% Rec	overy	QC Lir	mits				
S1 - Dibromofluoromethane	104		85	119				
S2 - Toluene-d8	95		87	114				
S3 - 4-Bromofluorobenzene	101		75	111				
116			- <del>-</del>	- <b></b>				

ND - Not Detected

## FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC, INC.		Contract:	9809-581-1
Lab Code:	Case No.:	SAS No.: SDG	No.: 9809-581
Matrix: (soil/water)	SOIL	Lab Sample ID:	:
Sample wt/vol:	5.2 (g/mL) G	Lab File ID:	0601005
Level: (low/med)	LOW	Date Received:	
% Moisture: not dec.	·	Date Analyzed:	09/21/98
GC Column:	ID: 2.00 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		<del></del>		=====
4.	•			
3				
4				
6.				
7.				<del></del>
8.				
9.				
10.				
11.				
13.			<del></del> :	-
14.				-
15.				
16.				
17. 18.				
19.		ļ <del></del>		
20.	•	]		
4 I I		ļ <del></del>		
22.				
23.				
24				
25				
26.		<u> </u>		
27.		<u> </u>		<del></del>
29.				
30				

FORM I VOA-GCMS-TIC

### ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-02 Sample ID: TB-9-18-98

Matrix : AQUEOUS Sample Date :09/18/98

FID # DACA45-96-D-0014

Project # 20560

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
GC/MS Volatile Organics				<del></del> -	· · · · · ·		8260B
QC Batch	V1092102A	uq/L		09/21/98	09/21/98	LS	
Acetone	ND ND	J.,	50 0				
Benzene	ND	· 37.—	1.00				
Bromodichloromethane	ND	- J, -	1.00				
Bromoform	ND	- ·	1.00				
Bromomethane	ND		1.00				
Carbon Disulfide	ND		1.00				
Carbon Tetrachloride	ND	ug/L ug/L	1.00				
Chlorobenzene	ND	ug/L ug/L	1.00				
Chlorodibromomethane	ND	<b>—</b> · .	1.00				
Chloroethane	ND						
Chloroform	ND	<u> </u>	1.00				
Chloromethane	ND		1.00				
1,1-Dichloroethane	ND		1.00				
1,2-Dichloroethane		J, -	1 00				
1,1-Dichloroethene	ND ND		1 00				
trans-1,2-Dichloroethene		3 /	1.00				
1,2-Dichloropropane	ND		1.00				
cis-1,3-Dichloropropene	ND		1.00				
trans-1,3-Dichloropropene	ND	ug/L	1 00				
Ethylbenzene	ND	ug/L	1.00				
2-Hexanone (MBK)	ИD	ug/L	1.00				
	ND	3,	5.00				
4-Methyl-2-pentanone (MIBK)	ND		5.00				
2-Butanone (MEK) Methylene Chloride	ND		20 0				
-	ND		20 0				
Styrene	ND		1 00				
1,1,2,2-Tetrachloroethane	ND		1 00				
Tetrachloroethene	ND	37 .—	1 00				
Toluene	ND		1.00				
1,1,1-Trichloroethane	ND	_ ·	1.00				
1,1,2-Trichloroethane	ND	٠,٠	1.00				
Trichloroethene	ND		1.00				
Vinyl Acetate	ND	_,	20.0				
Vinyl Chloride	ND		1.00				
o-Xylenes	ND	3,	1.00				
m-Xylenes	ND	_, .	1.00				
p-Xylenes	ND	ug/L	1 00				
cis-1,2-Dichloroethene	ND	ug/L	1 00				
Surrogate Standard	% Rec	overy	QC Lin	nits			
S1 - Dibromofluoromethane	104		87	107			
S2 - Toluene-d8	98		91	108			
S3 - 4-Bromoflyorobenzene	101		88	107			
120							

ND - Not Detected

#### FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: ETC, INC.	(	Contract:	
Lab Code:	Case No.:	SAS No.: SDG	No.: 9809-581
Matrix: (soil/water)	WATER	Lab Sample ID	:
Sample wt/vol:	10.00 (g/mL) ML	Lab File ID:	2301020
Level: (low/med)	LOW	Date Received	:
% Moisture: not dec.		Date Analyzad	: 09/22/98
GC Column:	ID: 2.00 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	/olume:(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1			========	====
4.				
J.				
• •				
6.		—   — · · · · · · · · · · · · · · · · ·		
/ •				
<b>-</b> • • • • • • • • • • • • • • • • • • •		_		
		_		
2.		-		
.4.				
.5.		_]		
7.				
2		_		
3.		-		
4.		-		
5.				
		_		
8.		_	<del></del>	
		- i		
0.		·	·	

FORM I VOA-GCMS-TIC

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

3781380

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01

Sample ID: RA-TS-006

Project # 20560

Matrix :SOIL Sample Date :09/18/98

FID # DACA45-96-D-0014

•							
TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
GC/MS Base/Neutral & Acid							8270C
				09/21/98	09/22/98	RR	
QC Batch	P04039	ug/Kg					
Acenaphthene	ND	ug/Kg	67.0				
Acenaphthylene	ND	ug/Kg	67 0				
Anthracene	ND	ug/Kg	67.0				
Benzo(a)anthracene	ND	ug/Kg	67.0				
Benzo(b)fluoranthene	ND	ug/Kg	67.0				
Benzo(k)fluoranthene	ND	ug/Kg	67.0				
Benzo(g,h,ı)perylene	ND	uq/Kg	67.0				
Benzo(a)pyrene	ND	ug/Kg	67.0				
Benzoic Acid	ND	ug/Kg	1670				
Benzyl Alcohol	ND	ug/Kg	170				
Bis(2-chloroethoxy)methane	ND	ug/Kg	170				
Bis(2-chloroethyl)ether	ND	ug/Kg	170				
Bis(2-chloroisopropyl)ether	ND	ug/Kg	170				
Bis(2-ethylhexyl)phthalate	ND	ug/Kg	170				
4-Bromophenyl phenyl ether	ND	ug/Kg	170				
Butyl benzyl phthalate	ND	ug/Kg	170				
4-Chloroaniline	ND	uq/Kq	170				
2-Chloronaphthalene	ND	ug/Kg	170				
4-Chloro-3-methylphenol	ND	ug/Kg	170				
2-Chlorophenol	ND	ug/Kg	170				
4-Chlorophenyl phenyl ether	ND	ug/Kg	170				
Chrysene	ND	ug/Kg	170				
Dibenzo(a,h)anthracene	ND	ug/Kg	67 0				
Dibenzofuran	ND	ug/Kg	170				
Di-n-butyl phthalate	ND	ug/Kg	170				
1,2-Dichlorobenzene	ND	ug/Kg	170				
1,3-Dichlorobenzene	ND	ug/Kg ug/Ka	170				
1,4-Dichlorobenzene	ND	ug/Kg ug/Kg	170				
3,3'-Dichlorobenzidine	ND						
2,4-Dichlorophenol	ND	ug/Kg	170				
2,6-Dichlorophenol		ug/Kg	170				
Diethyl phthalate	ND	ug/Kg	170				
	ND	ug/Kg	170				
2,4-Dimethylphenol	ND	ug/Kg	170				
Dimethyl phthalate	ND	ug/Kg	170				
4,6-Dinitro-2-methylphenol	ND	ug/Kg	170				
2,4-Dinitrophenol	ND	ug/Kg	333				
2,4-Dinitrotoluene	ND	ug/Kg	170				
2,6-Dinitrotoluene	ND	ug/Kg	170				
Di-n-octyl phthalate	ND	ug/Kg	170				
Fluoranthene	ND	ug/Kg	67.0				
Fluorene	ND	ug/Kg	67.0				
Hexachlorobenzene	ND	ug/Kg	170				

ND - Not Detected

### ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781381

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01 Sample ID: RA-TS-006 Matrix :SOIL

Project # 20560

Sample Date :09/18/98

FID # DACA45-96-D-0014

•							
TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
GC/MS Base/Neutral & Acid						-	8270C
				09/21/98	09/22/98	RR	
Hexachlorobutadiene	ND	ug/Kg	170				
Hexachlorocyclopentadiene	ND		170				
Hexachloroethane	ND	ug/Kg	170				
Indeno(1,2,3-cd)pyrene	ND	ug/Kg	67.0				
Isophorone	ND	ug/Kg	170				
2-Methylnaphthalene	ND	ug/Kg	170				
2-Methylphenol (o-cresol)	ND		170				
3-Methylphenol (m-cresol)	ND	ug/Kg	170				
4-Methylphenol (p-cresol)	ND		170				
Naphthalene	ND	ug/Kg	67 0				
Nitrobenzene	ND	ug/Kg	170				
2-Nitroaniline	ND	ug/Kg	170				
3-Nitroaniline	ND	ug/Kg	170				
4-Nitroaniline	ND	ug/Kg	170				
2-Nitrophenol	ND		170				
4-Nitrophenol	ND	ug/Kg	170				
N-Nitrosodiphenylamine	ND	ug/Kg	170				
N-Nitrosodipropylamine	ND	ug/Kg	170				
Pentachlorophenol	ND	ug/Kg	170				
Phenanthrene	ND	ug/Kg	67 0				
Phenol	ND		170				
Pyrene	ND	ug/Kg	67.0				
1,2,4-Trichlorobenzene	ND	ug/Kg	170				
2,4,5-Trichlorphenol	ND	ug/Kg	170				
2,4,6-Trichlorophenol	ND	ug/Kg	170				
Surrogate Standard	% Red	covery	QC Li	mits			
S1 - Nitrobenzene-d5	79		39	80			
S2 - 2-Fluorobiphenyl	83		43	84			
S3 - 4-Terphenyl-d14	82		40	121			
S4 - Phenol-d6	74		31	94			
S5 - 2,4,6-Tribromophenol	84		17	91			
S6 - 2-Fluorophenol	79		23	89			
			<del></del>				

ND - Not Detected

#### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: ETC, INC.		Contract:	9809-581-1
Lab Code:	Case No.:	SAS No.:	SDG No.: 9809-581
Matrix: (soil/water)	SOIL	Lab Sample	ID:
Sample wt/vol:	30.1 (g/mL) G	Lab File I	O: 0901009
Level: (low/med)	LOW	Date Recei	ved:
% Moisture:	decanted: (Y/N)_	Date Extra	cted:
Concentrated Extract	Volume: 1(r	nL) Date Analyz	zed: 09/22/98
Injection Volume:	1.0(uL)	Dilution Fa	actor: 1.0

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

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

FORM I BNA-GCMS-TIC

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Welnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

3781383

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01

Sample ID: RA-TS-006

Matrix :SOIL

Project # 20560

Sample Date :09/18/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
Organochlorine Pesticides					/ /		8081A
OC Batch	P06019	ug/Kg		09/21/98	10/05/98	RG	
Aldrin	ND	J. J	2 00				
Alpha-BHC	ND ND	ug/Kg ug/Kg	2.00				
Beta-BHC	ND		2.00				
Delta-BHC	ND		2.00				
Gamma-BHC (Lindane)	ND		2.00				
Alpha-Chlordane	ND		2.00				
Gamma-Chlordane	ND		2 00				
Chlordane	ND		20 0				
4,4'-DDD	ND		2 00				
4,4'-DDE	ND		2.00				
4,4'-DDT	ND	ug/Kg	2.00				
Dieldrin	ND		2.00				
Endosulfan I	ND		2.00				
Endosulfan II	ND	ug/Kg	2.00				
Endosulfan Sulfate	ND		2.00				
Endrin	ND		2.00				
Endrin Aldehyde	ND	J. J	2.00				
Endrin Ketone	ND		2.00				
Heptachlor	ND		2.00				
Heptachlor Epoxide	ND		2.00				
Methoxychlor	ND	ug/Kg	2.00				
Toxaphene	ND	ug/Kg	200				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Decachlorobiphenyl	82		64	154			
S2 - Tetrachloro-m-xylene	78		39	130			

LABORATORY MANAGER

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Ċlient Name

OHM Remediation Services

Project # 20560

Defense Depot - Memphis, TN

5445 Triangle Parkway

FID # DACA45-96-D-0014

Site ID

Norcross, GA 30092

DDMT

Memphis, TN

Suite 400

Date Arrived 09/18/98 ETC Order Number 9809581

ETC Lab ID 9809581-01 Sample ID: RA-TS-006

Matrix :SOIL

Sample Date :09/18/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
PCBs		···					8082
				09/21/98	09/23/98	RG	0002
QC Batch	P06019	ug/Kg		, , ,	,,		
PCB-1016	ND	ug/Kg	35 0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35 0				
PCB-1242	ND	ug/Kg	35.0				
PCB-1248	ND	ug/Kg	35 0				
PCB-1254	ND	ug/Kg	35 0				
PCB-1260	ND	ug/Kg	35.0				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	60		39	130			
S2 ~ Decachlorobiphenyl	68		64	154			

LABORATORY MANAGER

Environmental Testing & Consulting, Inc.

# **Quality Control Reports Inorganics**

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE INORGANICS

Client Name : \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

Project Name

ETC Order # : \_9809-581

HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified Holding Times.

CALIBRATION

Laboratory Control Sample : All criteria met.

QUALITY CONTROL

Matrix Spike

Spike Recovery : All analytes within QC limits

Method Blank

No Target Analytes detected above Detection Limit.

Client Name OHM Remediation Services

Project DDMT-Memphis, TN

**ETC Order Number** 9809-581 **File Name** 9809-581 1

#### Method Blank

	Date	Blank	
Analyte	Analyzed	Concentration mg/Kg	QC Batch
Cyanide	09/21/98	<1 00	CY092198

### Calibration Verification (CV)

	Date	CV Conc	CV Conc	%
Analyte	Analyzed	mg/L	Found	Difference
Cyanide	09/21/98	0 200	0 207	4 0

#### **Laboratory Control Sample (LCS)**

	Date	LCS Conc	LCS Conc	%
Analyte	Analyzed	mg/Kg	Found	Recovery
Cyanide	09/21/98	20 0	19 2	96 0

#### Matrix Spike/Matrix Spike Duplicate

Sample ID	Analyte	Spike mg/Kg			1	QC Limits	RPD
9809-581-01 MS	Cyanide	20 0	<1.00	20 3	102	70-130	
9809-581-01 MSD	Cvanide	18 5	<1 00	180	97.0	70-130	5

### **Duplicates**

Sample ID	Analysis	Result	Duplicate Result %	% RPD <20%
9809-581-01	Organic Matter	4.45	3 90	13

Environmental Testing & Consulting, Inc.

Quality Control Reports
Metals
ICP/GFAA/CV

### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781389

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Client Name

Project Name

ETC Order # : 9809-581

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-27

Mercury V4-SO-33

. All samples digested and analyzed within 180 Sample Analysis

days of collection.

: All samples analyzed within 28 days of Mercury Analysis

collection.

#### CALIBRATION

: All criteria met. Continuing Calibration Initial Calibration : All criteria met.

#### SAMPLE ANALYSIS

: Thermo Jarrell Ash Enviro-I ICP Instrumentation

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace

Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer Dilutions Required : No dilutions required.\*

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral interference (I) as indicated.

Sample ID	Metal	Dilution Factor	Sample ID	Metal	Dilution Factor
9809-581-01	Arsenic	1:2(C)	9809-581-01	Iron	1:5(C)
9809-581-01	Aluminum	1:5(C)	9809-581-01	Lead	1:5(C)

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

#### QUALITY CONTROL

#### 9809-581.MOCBLANK

Method Blank

V8-SO-27BLK - ICP/GFAA Metals

V4-SO-33BLK - Mercury

Calcium identified in V8-SO-27 at 2.40 mg/Kg.

#### 9809-581.MQCLCS

Laboratory Control Sample(s) V8-SO-27LCS - ICP/GFAA Metals V4-SO-33LCS - Mercury

All criteria met.

ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

CASE NARRATIVE METALS - SOIL

Client Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

Project Name

ETC Order #

: 9809-581

#### QUALITY CONTROL

#### 9809-581.MOCMSMSD

Matrix Spike / Matrix Spike Dup - ICP Metals

9809-581-01

RPD : All analytes within QC limits.\* Spike Recovery : All analytes within QC limits.\* RA-TS-006

Recoveries for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification :

	mg/L	mg/L	%	QΑ
<u>Analyte</u>	Expected	Found	Recovery	Evaluation
Antimony	0.530	0.502	95	Pass

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. RPD for Manganese was flagged as outside QC Limits. Dilution Tests were performed for verification :

Analyte	No <b>Dilution</b>	1:5 Dilution	1:25 Dilution	% Difference	QA <b>Evaluation</b>
Alumınum		11300 mg/Kg	11100 mg/Kg	2	Pass
Iron		22200	22200	0	Pass
Manganese	575	588		2	Pass
Potassium	905	928		3	Pass
Magnesium	2310	2350		2	Pass
Zinc	51.5	51.2		1	Pass

Refer to Laboratory Control Sample(s) for system verification.

<u> Matrix Spike / Matrix Spike Dup - Graphite Metals</u>

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.\* 9809-581-01 RA-TS-006

Recoveries for Lead were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amount. In addition, concentrations of Arsenic were high relative to

the spike amount. Dilution Tests were performed for verification:

	1:2		1:10	%	OA
<u>Analyte</u>	Diluti	on	Dilution	Difference	Evaluation
Arsenic	11.4	mg/Kg	10.8 mg/Kg		Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

: OHM Remediation Services Corp.: Defense Depot Memphis TN Client Name

Project Name

ETC Order # : 9809-581

#### QUALITY CONTROL

Matrix Spike / Matrix Spike Dup - Hq RPD: All analytes within QC limits. Spike Recovery: All analytes within QC limits. 9809-581-01

RA-TS-006

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

Laboratory Manager

### SOLID METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID ICP/GFAA Metals

Laboratory ID Mercury

V8-SO-27 BLK V4-SO-33 BLK QC Batch V8-SO-27 V4-SO-33

Date Sample Prepared

09/21/98 09/21/98

ICP/GFAA Metals

Mercury

	-	Detection		
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	< 0 700	0,700	09/22/98	6010E
Aluminum	<4.00	4.00	09/22/98	6010E
Arsenic	< 0.200	0.200	09/22/98	7060A
Barium	< 0.200	0.200	09/22/98	6010B
Beryllium	< 0.100	0.100	09/22/98	6010B
Calcium	2 40	1.00	09/22/98	6010B
Cadmium	< 0.400	0 400	09/22/98	6010B
Cobalt	< 0 700	0.700	09/22/98	6010B
Chromium	< 0.700	0 700	09/22/98	6010B
Copper	< 0.600	0.600	09/22/98	6010B
Iron	< 0 700	0.700	09/22/98	6010B
Potassium	<20.0	20.0	09/22/98	6010B
Magnesium	<3 00	3 00	09/22/98	6010B
Manganese	< 0.200	0.200	09/22/98	6010B
Sodium	<20.0	20.0	09/22/98	6010B
Nickel	<150	1 50	09/22/98	6010B
Lead	< 0 100	0 100	09/22/98	7421
Antimony	<3.20	3.20	09/22/98	6010B
Selenium	< 0.200	0 200	09/22/98	7740
Thallium	< 0.100	0.100	09/23/98	7841
Vanadium	<0.800	0.800	09/22/98	6010B
Zinc	<1.00	1.00	09/22/98	6010B
Mercury	< 0.020	0.020	09/21/98	7471A

### SOLID LABORATORY CONTROL SAMPLE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory Control ID

ICP/GFAA Metals <u>V8-SO-27</u> LCS

QC Batch V8-SO-27

Mercury

V4-SO-33 LCS

V4-SO-33

Date Prepared

ICP/GFAA Metals 09/21/98 Mercury 09/21/98

Metals	Spike Added mg/Kg	Found mg/Kg	%R #	1 -	)C nits
Silver	20 0	20 1	101	80	120
Aluminum	200	197	99	80	120
Arsenic	5 00	4 25	85	85	115
Barium	200	188	94	80	120
Beryllium	20 0	20 1	101	80	120
Calcium	400	419	105	80	120
Cadmium	20 0	20 6	103	80	120
Cobalt	100	99 6	100	80	120
Chromium	40 0	42 4	106	80	120
Copper	40 0	40 2	101	80	120
Iron	200	208	104	80	120
Potassium	400	393	98	80	120
Magnesium	400	411	103	80	120
Manganese	20 0	20 4	102	80	120
Sodium	400	416	104	80	120
Nickel	100	102	102	80	120
Lead	2 00	2 01	101	85	115
Antimony	200	195	98	80	120
Selenium	5 00	4 28	86	85	115
Thallium	2 00	1 88	94	85	115
Vanadium	100	102	102	80	120
Zinc	20 0	21 0	105	80	120
Mercury	0 167	0 160	96	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

### SOLID MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury

Date Sample Prepared

09/21/98

ICP/GFAA Metals

09/21/98 Mercury

	SPIKE	SAMPLE	MS		MS		ΩÇ
	Added	Conc	Conc	RPD	%	Lii	nits
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec #	+	
					·		
Silver	19.4	ND	19.0	7	98	75	125
Aluminum	194	11300	11000	10	-155 *	75	125
Arsenic	4.76	11.4	15.3	1	82	70	130
Barium	194	66 0	243	1	91	75	125
Beryllium	19.4	0.485	19.8	4	100	75	125
Calcium	389	756	1130	1	96	75	125
Cadmium	19.4	ND	19.2	5	99	75	125
Cobalt	97 1	9 61	102	3	95	75	125
Chromium	38 9	15 7	54 1	4	99	75	125
Copper	38.9	15.9	53.4	1	96	75	125
Iron	194	22200	20900	7	-670 *	75	125
Potassium	389	905	1260	9	91	75	125
Magnesium	389	2310	2650	4	87	75	125
Manganese	19.4	575	555	21 *	-103 *	75	125
Sodium	389	58.3	442	2	99	75	125
Nickel	97.1	14.1	109	4	98	75	125
Lead	1 91	17 9	17.6	6	-16 *	70	130
Antimony	194	6 05	0	0	-3 *	75	125
Selenium	4.76	0 291	2.64	4	49 *	70	130
Thallium	1.91	0.261	1 99	7	91	70	130
Vanadium	97.1	24.7	111	2	89	75	125
Zinc	19.4	515	69.3	3	92	75	125
Mercury	0.159	0.047	0 192	6	91	75	125

Metals Matrix Spike

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

### SOLID MATRIX SPIKE DUPLICATE METALS 4.

Lab Name Environmental Testing and Consulting, Inc

QC Batch 1 V8-SO-27

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury 9809-581-01 V8-S0-27 9809-581-01 V4-S0-33

Date Sample Prepared

09/21/98 09/21/98 ICP/GFAA Metals

150 -

Mercury

:	SPIKE	SAMPLE	MSD	MSD		О	IC .
	Added	Conc	Conc	%		Lin	nits
Metals	mg/Kg	mg/Kg	mg/Kg	 Rec	#		
Silver	18.4	ND	17 7	 96		75	125
Aluminum	184	14300	12100	 -1196	*	75	125
Arsenic	5.05	11 4	15.1	73		70	130
Barium	184	66.0	245	97		75	125
Beryllium	18.4	0 485	19.1	101		75	125
Calcium	367	756	1120	99		75	125
Cadmium	18 4	ND	18.3	100		75	125
Cobalt	91.8	9.61	98 7	97	-	75	125
Chromium	36 7	15.7	52.2	100		75	125
Copper	36.7	15.9	53.0	101		75	125
Iron	184	22200	22400	109		75	125
Potassium	367	905	1380	129	*	75	125
Magnesium	367	2310	2750	120		75	125
Manganese	18.4	575	682	 582	*	75	125
Sodium	367	58.3	435	103		75	125
Nickel	91.8	14.1	105	99		75	125
Lead	2.02	179	18.6	35	*	70	130
Antimony	184	6 05	0	-3	*	75	125
Selenium	5 05	0.291	2 54	45	*	70	130
Thallium	2.02	0 261	2.13	93		70	130
Vanadıum	91.8	24.7	109	 92		75	125
Zinc	18.4	51.5	71.4	108		75	125
Mercury	0.167	0.047	0.203	93		75	125

ND - Not Detected

Metals Matrix Spike Duplicate

9809-581 MQCMSMSD

<sup>#</sup> Column to be used to flag recovery values with an asterisk

Values outside of QC limits

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS** Volatiles

MEMPHIS, TN

CASE NARRATIVE GC/MS VOLATILE COMPOUNDS - SOIL

Client Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Project Name

: \_9809-581 : \_8260B/5030B ETC Order # Method (SW-846)

#### HOLDING TIMES

4

: All samples analyzed within 14 days of Sample Analysis

collection.

#### QUALITY CONTROL

<u>QC Batch</u> Form 4 Summary V1092101S V109211LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> V109211BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3
9809-581-01 RPD : All analytes within QC limits.\*
RA-TS-006 Spike Recovery : All analytes within QC limits.\*

Recoveries and RPDs for multiple analytes were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4 V109211LB

No Target Analytes detected above the reporting limit.

#### CALIBRATION

BFB Daily 12 Hour Tune : All criteria met. FORM 5 : All criteria met. FORM 6 Initial Calibration Calibration Verification : All criteria met. FORM 7\*

^		
Calibration Verification	n(CV) : Date 09/2	21/98 Time 0906
Analyte	%Diff(30% Max)	Response
n-Butylbenzene	37.0	High
tert-Butylbenzene	36.0	High
Hexachlorobutadiene	43.0	High
Iodomethane	40.0	High
4-Isopropyltoluene	36.0	High
Pentachloroethane	122.0	High
1,2,4-Trimethylbenzene	31.0	High
1,2,4-Trichlorobenzene	32.0	High

These analytes were not Target Analytes associated with this project. The data was not affected.

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN

CASE NARRATIVE

GC/MS VOLATILE COMPOUNDS - SOIL

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN Client Name

ETC Order # : \_9809-581 Method (SW-846) : \_8260B/5030B

#### CALIBRATION

<u>Volatile Internal Standard Area and RT FORM 8</u>
Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD

Dilutions Required : No dilutions required.

Laboratory Manager

3781399

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-581

Level: (low/med) LOW

	CLIENT	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	(DBF)#	(TOL) #	(BFB)#		OUT
		=====	======		=====	===
01	V109211LB	100	96	102		0
02	9809-581-1	104	95	101		0
03	V109211BS	98	95	98		0
04 05	9809-581-1M 9809-581-1S	104 104	94 95	98 102		0
06	3003-201-12	104	95	102		١٧
07			<del></del>			
08					· — —	
09		<del></del>				<u> </u>
10						
11						
12						
13						
14 15						
16						
17						
18						
19						
20						
21						
22						
23						
24 25						
26						
27						
28						
29						
30						
•	· ———•					

SMC1 (DBF) = Dibromofluoromethane (85-119) SMC2 (TOL) = Toluene-d8 (87-114) SMC3 (BFB) = Bromofluorobenzene (75-111)

- # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

FORM II VOA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: V1092101

Lab File ID: 0302004

Date Analyzed: 09/21/98

GC Column:

ID: 2 (mm)

V109211LB

SDG No.: 9809-581

Lab Prep Batch: V1092101S

Time Analyzed: 1049

Heated Purge: (Y/N) Y

Instrument ID: VOC1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	I —————————			
	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01 02 03 04 05 06	9809-581-1 V109211BS 9809-581-1M 9809-581-1S		0601005 1401011 1501012 1601013	1251 1841 1923 2005
07 08 09 10 11 12				
14 15 16 17 18				
19 20 21 22 23 24				
25 26 27 28 29 30				

COMMENTS:	

page 1 of 1

# FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V109211LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: V1092101S

Sample wt/vol:

10.0 (g/mL) G Lab File ID: 0302004

Level: (low/med) LOW

Date Analyzed: 09/21/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRA (ug/L or				,	Q
67-64-1					50.0	U	
71-43-2					2.00	U	ŀ
75-27-4	Bromodichloromet	hane			2.00	U	
75-25-2	Bromoform				2.00	U	
74-83-9	Bromomethane				2.00	U	
75-15-0	Carbon Disulfide		<u> </u>		25.0	U	ŀ
56-23-5	Carbon Tetrachlo	ride			2.00	U	
108-90-7	Chlorobenzene				2.00	U	1
124-48-1	Chlorodibromomet	hane		:	2.00	U	
75-00-3	Chloroethane_		—		2.00	U	i
67-66-3	Chloroform_	•			2.00	U	
	Chloromethane				2.00	U	
75-34-3	1,1-Dichloroetha	ne			2.00	U	
107-06-2	1,2-Dichloroetha	ne			2.00		
75-35-4	1,1-Dichloroethe	ne			2.00	U	
156-59-4	cis-1,2-Dichloro	ethene			2.00	U	
156-60-5	trans-1,2-Dichlo	roethene		:	2.00	U	
	1,2-Dichloroprop				2.00	U	
10061-01-5	cis-1,3-Dichloro	propene	— I	:	2.00	U	
10061-02-6	trans-1,3-Dichlo	ropropene			2.00	U	
100-41-4	Ethylbenzene				2.00	U	
591 <b>-</b> 78-6 <b>-</b>	2-Hexanone			!	50.0	U	
75-09-2	Methylene Chlori	de		!	50.0	U	
78-93-3	Methyl-Ethyl Ket	one		!	50.0	U	
108-10-1	4-Methyl-2-Penta	none		!	50.0	U	
100-42-5	Styrene				2.00	U	
79-34-5	1,1,2,2-Tetrachl	oroethane			2.00	U	ĺ
127-18-4	Tetrachloroethen	e			2.00		ŀ
108-88-3	Toluene				2.00	U	l
71-55-6	1,1,1-Trichloroe	thane		:	2.00	U	į
79-00-5	1,1,2-Trichloroe	thane			2.00		
79 <b>-</b> 01-6	Trichloroethene			;	2.00	U	
108-05-4	Vinyl Acetate			;	25.0	U	

FORM I VOA-GCMS

3781402

#### FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V109211LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL

Lab Prep Batch: V1092101S

Sample wt/vol:

10.0 (g/mL) G

Lab File ID: 0302004

Level: (low/med) LOW

Date Analyzed: 09/21/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/L)		Q
1330-20-7	Vinyl Chloride Xylene-mp Xylene-o		2.00 2.00 2.00	ט

Lab Name: ETC, INC.

Lab Prep Batch: V1092101S

SDG No.: 9809-581

Matrix Spike - Sample No.: V109211BS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
=======================================	=======	=======================================	=======================================	======	======
Acetone	100		67.4	67	59-151
Benzene	100		88.0	88	72-124
Bromodichloromethane	100		95.7	96	68-119
Bromoform	100		101	101	66-136
Bromomethane	100		86.4	86	40-134
Carbon Disulfide	100		101	101	60-133
Carbon Tetrachloride	100		96.2	96	64-123
Chlorobenzene	100		89.9	90	77-112
Chlorodibromomethane	100		97.5	98	72-118
Chloroethane	100		84.2	84	64-142
Chloroform	100		99.0	99	70-115
Chloromethane	100		84.0	84	58-139
1,1-Dichloroethane	100		91.5	92	76-118
1,2-Dichloroethane	100		88.5	88	62-124
1,1-Dichloroethene	100		94.5	94	69-121
cis-1,2-Dichloroethene	100		93.0	93	76-114
trans-1,2-Dichloroethen	100		96.6	97	72-121
1,2-Dichloropropane	100		94.6	95	64-133
cis-1,3-Dichloropropene	100		96.4	96	77-120
trans-1,3-Dichloroprope	100		96.8	97	73-124
Ethylbenzene	100		91.5	92	77-111
2-Hexanone	100		92.5	92	53-144
Methylene Chloride	100		101	101	67-115
Methyl-Ethyl Ketone	100		116	116	55-151
4-Methyl-2-Pentanone	100		94.2	94	42-144
Styrene	100		103	103	77-117
1,1,1,2-Tetrachloroetha	100		96.7	97	79-113
Tetrachloroethene	100		81.4	81	77-115
Column to be used to fla	g recovery	and RPD value	s with an aste	risk	

* Values outside o	of OC limits
--------------------	--------------

COMMENTS:		 	

f + 1 3 .

#### FORM 3 SOIL VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: V1092101S

SDG No.: 9809-581

Matrix Spike - Sample No.: V109211BS Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Vinyl Acetate Vinyl Chloride Xylene-mp Xylene-o	100 100 100 100 100 100 200 100		89.3 92.5 94.0 96.3 92.1 84.2 191 96.2	89 92 94 96 92 84 96 96	77-115 63-122 69-117 75-113 28-146 65-134 77-115

- # Column to be used to flag recovery and RPD values with an asterisk
- \* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 36 outside limits

COMMENTS:	

page 2 of 2

Lab Name: ETC, INC.

Lab Prep Batch: V1092101S

SDG No.: 9809-581

Matrix Spike - Sample No.: 9809-581-1 Level:(low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	526 526 526 526 526	0.000 0.000 0.000 0.000 0.000	276 255 308 271 288	48* 58* 52*	72-124 77-112 69-121 77-115 75-113

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L: RPD	IMITS REC.
Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	370 370 370 370 370	282 248 330 272 291	76 67* 89 74* 79	38* 33* 42* 35* 36*	20 20 20 20 20 20	72-124 77-112 69-121 77-115 75-113

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

RPD: 5 out of 5 outside limits Spike Recovery: 7 out of 10 outside limits

COMMENTS:			

FORM III VOA-GCMS

<sup>\*</sup> Values outside of QC limits

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS VOLATILE COMPOUNDS - AQUEOUS

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # ETC Order # : \_9809-581 Method (SW-846) : \_8260B/5030B

#### HOLDING TIMES

Sample Analysis : All samples analyzed within 14 days of

collection.

#### QUALITY CONTROL

<u>OC Batch</u> Form 4 Summary V109212LB V1092102A

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 V109212BS/BD

All criteria met.

<u> Matrix Spike / Matrix Spike Dup FORM 3</u>

RPD : NA\*

Spike Recovery : NA\*

Due to the limited amount of sample available, no MS/MSD were analyzed.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 V109212LB

No Target Analytes detected above the reporting limit.

#### CALIBRATION

BFB Daily 12 Hour Tune Initial Calibration : All criteria met. FORM 5 : All criteria met. FORM 6 : All criteria met. FORM 7\* Calibration Verification

Calibration Verification(CV): Date 09/21/98 Time 2229
Analyte %Diff(30% Max) Response

Dichlorodifluoromethane 38.6 Low Pentachloroethane 68.0 High

These analytes were not Target Analytes associated with this project. The data was not affected.

Volatile Internal Standard Area and RT FORM 8 Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

ENVIRONMENTAL TESTING AND CONSULTING, INC.
MEMPHIS, TN
CASE NARRATIVE

3781407

٠.

GC/MS VOLATILE COMPOUNDS - AQUEOUS

Client Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

Project Name

ETC Order # : \_9809-581 Method (SW-846) : \_8260B/5030B

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

Laboratory Manager

•

FORM 2
WATER VOA-GCMS SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-581

	OI TIME					
	CLIENT	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	(DBF)#	(TOL) #	(BFB)#		OUT
_	==========	=====	=====	======	=====	===
01	V109212LB	101	99	101	J	o
02	9809-581-2	104	98	101		O
03	V109212BS	97	95	98		o
04	V109212BD	98	94	105		Ö
05	i			1 -00		١١١
06						
07						<b> </b>
08						
09	<del></del>				_ <del></del> ;	
10				l ——— ;		
11						
12						
13				i		
14						
				i		
15				i;		
16						
17		[				
18						
19						
20						
21						<del></del>
22						
23				<del></del>		
24						
25						<del></del>
26						<u></u>
27	<del></del>  .		<del></del>			
28	······································				<del> </del>	
29	<del></del>  ,					
30	······································					
20 J		1				

SMC1 (DBF) = Dibromofluoromethane (87-107) SMC2 (TOL) = Toluene-d8 (91-108) SMC3 (BFB) = Bromofluorobenzene (88-107)

- # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

#### FORM 4 VOA-GCMS METHOD BLANK SUMMARY

3781409 CLIENT SAMPLE NO.

V109212LB

Lab Name: ETC, INC.

Lab Prep Batch: V1092102

Lab File ID: 2201019

Date Analyzed: 09/21/98

GC Column:

ID: 2 (mm)

SDG No.: 9809-581

Lab Prep Batch: V1092102A

Time Analyzed: 2353

Heated Purge: (Y/N) Y

Instrument ID: VOC1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	1	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
			FIDE ID	WWWTITED
			=========	======================================
01	9809-581-2		2301020	0035
02	V109212BS		2901026	0446
03	V109212BD		2301020	
	A103%15PD		3001027	0529
04				
05				<del></del>
06		<del></del>		
00				
07				
80	-			
09			. — — — —	
3.0				
10		i		i
11				
12			·	
12				
13				
14 15		<del></del>		
15				
16				
10				
17				
18				
19		<del></del>		
20				
20				
21				
22				
23				
23				
24				
25				
26	· · · · · · · · · · · · · · · · · · ·			
20				
27				
28				
29				
27				
30				

COMMENTS:		
<del></del>	 	

page 1 of 1

V109212LB

Lab Name: ETC, INC. SDG No.: 9809-581

Matrix: (soil/water) WATER Lab Prep Batch: V1092102A

10.00 (g/mL) ML Lab File ID: 2201019 Sample wt/vol:

Level: (low/med) LOW Date Analyzed: 09/21/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCEN'	TRATI or ug	ON U	NITS: UG/L			Q
67-64-1 71-43-2 75-27-4 75-25-2 74-83-9 75-15-0 56-23-5 108-90-7 124-48-1 75-00-3 67-66-3 74-87-3 107-06-2 75-34-3 156-59-4 156-59-4 156-60-5 78-87-5 10061-01-5 10061-02-6 100-41-4 591-78-6 75-09-2 78-93-3 100-42-5 79-34-5	AcetoneBenzeneBromodichloronBromoformBromomethaneCarbon DisulfiCarbon TetrachChlorobenzeneChlorodibromomChloroethaneChloromethaneChloromethane1,1-Dichloroet1,2-Dichloroet1,2-Dichloroet1,2-Dichloroprcis-1,2-Dichloroprcis-1,3-Dichloroprcis-1,3-DichloroprChyloromethane	de de de de de de de de de de de de de d	or ug	ON U	UG/L	50.0 1.00 1.00 1.00 1.00 1.00 1.00 1.00	מממממממממממממממממממממ	Q
71-55-6 79-00-5 79-01-6	1,1,1-Trichlor 1,1,2-Trichlor Trichloroethen Vinyl Acetate	oethane				1.00 1.00	U U	

FORM I VOA-GCMS

# FORM 1 3/8. VOA-GCMS ORGANICS ANALYSIS DATA SHEET

10.00 (g/mL) ML

CLIENT SAMPLE NO.

V109212LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Sample wt/vol:

Matrix: (soil/water) WATER

Lab Prep Batch: V1092102A

Lab File ID: 2201019

Level: (low/med) LOW Date Analyzed: 09/21/98

Dilution Factor: 1.0

CAS NO.

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

75-01-4Vinyl Chloride	1.00 U	
1330-20-7Xylene-mp	1.00 U	
95-47-6Xylene-o	1.00 U	

44 15

# 3781412 FORM 3 WATER VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: V1092102A

SDG No.: 9809-581

Matrix Spike - Sample No.: V109212BS

COMPOUND	ADDED	SAMPLE CONCENTRATION		LCS %	QC.
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	
Acetone	100		64.0	64	59 <b>-</b> 15
Benzene	100		93.9	94	72-12
Bromodichloromethane	100		95.6	96	68-11
Bromoform	100		101	101	66-13
Bromomethane	100		83.1	83	40-13
Carbon Disulfide	100		101	101	60-13
Carbon Tetrachloride	100		103	103	64-12
Chlorobenzene	100		95.1	95	77-11
Chlorodibromomethane	100	į	97.1	97	72-11
Chloroethane	100		80.4	80	64-14
Chloroform	100		105	105	70-11
Chloromethane	100		73.8	74	58-13
1,1-Dichloroethane	100		96.0	96	76-11
1,2-Dichloroethane	100		89.2	89	62-12
1,1-Dichloroethene	100		98.2	98	69-12
cis-1,2-Dichloroethene	100		97.6	98	76-11
trans-1,2-Dichloroethen	100		101	101	72-12
1,2-Dichloropropane	100	1	96.4	96	64-13
cis-1,3-Dichloropropene	100		95.2	95	77-12
trans-1,3-Dichloroprope	100	<b>[</b>	95.8	96	73-12
Ethylbenzene	100		95.8	96	77-11
2-Hexanone	100		81.8	82	53-14
Methylene Chloride	100	1	103	103	67-1
Methyl-Ethyl Ketone	100		94.8	95	55-15
4-Methyl-2-Pentanone	100	İ	85.4	85	42-14
Styrene	100		107	107	77-11
1,1,1,2-Tetrachloroetha	100		106	106	79-11
Tetrachloroethene	100		87.3	87	77-11
Column to be used to fla	g recovery	and RPD value	s with an acto	rick	

\* Values outside of QC limits

COMMENTS:	

page 1 of 4

# FORM 3 WATER VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: V1092102A

SDG No.: 9809-581

Matrix Spike - Sample No.: V109212BS

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Vinyl Acetate Vinyl Chloride	100 100 100 100 100 100		96.0 97.1 92.4 99.7 98.4 79.4	96 97 92 100 98 79	77-115 63-122 69-117 75-113 28-146 65-134
Xylene-mp Xylene-o	200 100		200 102	100 102	77-115 77-115
-				,	

[4] 1

- # Column to be used to flag recovery and RPD values with an asterisk
- \* Values outside of QC limits

COMMENTS:		

page 2 of 4

3781414

# FORM 3 WATER VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: V1092102A

SDG No.: 9809-581

Matrix Spike - Sample No.: V109212BD

	SPIKE	LCSD	LCSD	<del></del>		
	ADDED	CONCENTRATION	8	8	OC T	IMITS
COMPOUND	(ug/L)	(ug/L)	REC #	RPD #	RPD	REC.
	=======	=======================================	=====	======	======	REC:
Acetone	100	68.0	68	6	20	59-151
Benzene	100	93.4	93	i	20	72-124
Bromodichloromethane	100	99.2	99	3	20	68-119
Bromoform	100	109	109	8	20	66-136
Bromomethane	100	84.2	84	1	20	40-134
Carbon Disulfide	100	99.4	99	2	20	60-133
Carbon Tetrachloride	100	99.7	100	3	20	64-123
Chlorobenzene	100	98.9	99	4	20	77-112
Chlorodibromomethane	100	100	100	3	20	72-118
Chloroethane	100	81.3	81	i	20	64-142
Chloroform	100	106	106	ī	20	70-115
Chloromethane	100	72.9	73	ī	20	58-139
1,1-Dichloroethane	100	95.1	95	ī	20	76-118
1,2-Dichloroethane	100	91.5	92	3	20	62-124
1,1-Dichloroethene	100	95.2	95	3	20	69-121
cis-1,2-Dichloroethene	100	97.7	98	ō	20	76-114
trans-1,2-Dichloroethen	100	101	101	οl	20	72-121
1,2-Dichloropropane	100	98.8	99	3	20	64-133
cis-1,3-Dichloropropene	100	98.1	98	3	20	77-120
trans-1,3-Dichloroprope	100	98.6	99	3	20	73-124
Ethylbenzene	100	101	101	5	20	77-111
2-Hexanone	100	92.8	93	12	20	53-1
Methylene Chloride	100	105	105	2	20	67-
Methyl-Ethyl Ketone	100	106	106	11	20	55-151
4-Methyl-2-Pentanone	100	95.6	96	12	20	42-144
Styrene	100	113	113	5	20	77-117
1,1,1,2-Tetrachloroetha	100	110	110	4	20	79-113
Tetrachloroethene	100	89.8	90	3	20	77-115
	I		i	ļ		

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

COMMENTS:	

page 3 of 4

<sup>\*</sup> Values outside of QC limits

#### FORM 3 WATER VOA-GCMS LABORATORY CONTROL SAMPLE,

Lab Name: ETC, INC.

Lab Prep Batch: V1092102A

SDG No.: 9809-581

Matrix Spike - Sample No.: V109212BD

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC L	MITS REC.
Toluene	100	94.6	95	1	20	77-115
1,1,1-Trichloroethane	100	97.6	98	ĩ	20	63-122
1,1,2-Trichloroethane	100	96.2	96	4	20	69-117
Trichloroethene	100	102	102	2	20	75-113
Vinyl Acetate	100	97.3	97	1	20	28-146
Vinyl Chloride	100	77.2	77	2	20	65-134
Xylene-mp	200	207	104	4	20	77-115
Xylene-o	100	108	108	6	20	77-115
						!I

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 36 outside limits Spike Recovery: 0 out of 72 outside limits

COMMENTS:			

page 4 of 4

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

MEMPHIS, TN CASE NARRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

Client Name : \_OHM Remediation Services Corp.

Project Name : Defense Depot Memphis TN

ETC Order # : \_9809-581 Method (SW-846) : \_8270C/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

QC Batch Form 4 Summary P04039 P04039LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for multiple analytes were flagged for high recovery in several samples associated with this project. Method Blank P04039LB, Blank Spike P04039BS, and 9809-581-01MSD were re-analyzed for verification with similiar recoveries.

#### <u>Laboratory Control Sample FORM 3</u> P04039BS

All criteria met.\*

Recovery for 4-Chloroaniline was flagged outside QC Limits in the Blank Spike P04039BS. This analyte was not identified in sample associated with this project. The data was not affected.

#### Matrix Spike / Matrix Spike Dup FORM 3

9809-581-01 RPD: All analytes within QC limits. RA-TS-006 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4 P04039LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7\*

Calibration Verification(CV): Date 09/22/98 Time 0543
Analyte %Diff(30% Max) Response

Benzoic Acid 76.4 High

High response indicates that reported level for this analyte may be biased high. Recovery for Benzoic Acid was within QC Limits in Blank Spike P04039BS associated with this project. The data was not affected.

3781417

3781418

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

Client Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

Project Name

ETC Order # : \_9809-581 Method (SW-846) : \_8270C/3550B

#### CALIBRATION

<u>Semi-Volatile Internal Standard Area and RT FORM 8</u>
Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

poratory Manager

Lab Name: ETC, INC.

Contract: ', SDG No.: 9809-581 Lab Code: Case No.: SAS No.:

Level: (low/med) LOW

	CLIENT	S1	S2	S3	S4	S5	\$6	S7	S8	TOT
	SAMPLE NO.	(2FP)#	(PHL)#	(NBZ)#	(FBP)#	(TBP)#	(TPH)#	#	#	OUT
	=========	======	=====	=====				=====		===
01	P04039LB	99*	96*	84*	89*	95*	86			5
	P04039BS	100*	101*	85*	88*	115*	92			5
03	9809-581-1	78	74	79	83	84	83			0
04	9809-581-1M	79	78	75	75	92*	76			1
05	9809-581-1S	93*	91	86*	89*	102*	85			4
06	P04039LB	91*	90	85*	90*	99*	91			4
07	P04039BS	98*	102*	83*	85*	112*	88 85			5
08	9809-581 <b>-</b> 1S	92*	88	85*	87*	98*	85			4
09										
10 11										
12										
12										
17										
13 14 15 16 17										
16					i					—
17										·—-
19						·····	<del></del>			—
20			<del></del>	-						
21	<del></del>								<del></del>	
18 19 20 21 22 23 24 25 26 27										
23										
24										
25										
26										<u> </u>
27										
28										
29										
30										

			QC LIMITS
S1	(2FP)	= 2-Fluorophenol	(23- 89)
S2	(PHL)	= Phenol-d6	(31 - 94)
S3	(NBZ)	= Nitrobenzene-d5	(39- 80)
S4	(FBP)	= 2-Fluorobiphenyl	(43-84)
S5	(TBP)	= 2,4,6-Tribromophenol	(17- 91)
		= Terphenvl-d14	(40-121)

page 1 of 1

FORM II BNA-GCMS

<sup>#</sup> Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

*.*- ,

Lab Name: ETC, INC.

Lab Prep Batch: P04039

Lab File ID: 0301003

Matrix: (soil/water) SOIL

Level: (low/med) LOW

P04039LB

SDG No.: 9809-581

Instrument ID: BNA2

Date Analyzed: 09/22/98

Time Analyzed: 0618

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	G334DT T 150	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	=======================================			=======
01	P04039BS		0401004	09/22/98
02	9809-581-1		0901009	09/22/98
03	9809-581-1M		1001010	09/22/98
04	9809-581-1S		1101011	09/22/98
05	P04039BS		1701017	09/22/98
06	9809-581-1S		1801018	09/22/98
07			1	, ,
80				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19	<del></del> .			
20				
21 22				
23				
			<del></del>	
24 25				
26	<del></del>			
27				
28				
29				
30			<u></u>	

COMMENTS:			
<u></u>	 -	 	 

page 1 of 1

FORM IV BNA-GCMS

**000054** 

### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET .

CLIENT SAMPLE NO.

P04039LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: P04039

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0301003

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/22/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

	COMPOUND (ug/n or ug)	, , ,	
83-32-9	Acenaphthene	167	ប
208-96-8	Acenaphthylene	167	U
120-12-7	Anthracene	167	U
56-55-3	Benzo(a) Anthracene	167	U
205-99-2	Benzo(b) fluoranthene	167	U
207-08-9	Benzo(k) fluoranthene	167	U
191-24-2	Benzo(q,h,i)pervlene	167	U
50-32-8	Benzo(a)pyrene	167	U
65-85-0	Benzoic Acid	1670	U
	Benzyl Alcohol	167	U
111-44-4	bis(2-Chloroethyl)ether	167	U
111-91-1	Bis(2-chloroethoxy)methane	167	U
39638-32-9	bis(2-Chloroisopropyl)ether	167	U
117-81-7	bis(2-ethylhexyl)Phthalate	167	
101-55-3	4-Bromophenyl-phenylether	167	Ū
85-68-7	Butylbenzylphthalate	167	
106-47-8	4-Chloroaniline	167	U
59-50-7	4-Chloro-3-Methylphenol	167	U
91-58-7	2-Chloronaphthalene	167	บ
95-57-8	2-Chlorophenol	167	
7005-72-3	4-Chlorophenyl-phenylether	167	Ū
218-01-9	Chrysene	167	Ū
53-70-3	Dibenzo(a,h)anthracene	167	Ū
122 (4 )	Dibanash	167	U
84-74-2	Di-n-Butylphthalate	167	
95-50-1	1.2-Dichlorobenzene	167	
541-73-1	1.3-Dichlorobenzene	167	1
106-46-7	1,4-Dichlorobenzene	167	
91-94-1	3,3'-Dichlorobenzidine	167	
120-83-2	2.4-Dichlorophenol	167	
87-65-0	DibenzoruranDi-n-Butylphthalate1,2-Dichlorobenzene1,3-Dichlorobenzene1,4-Dichlorobenzidine3,3'-Dichlorobenzidine2,4-Dichlorophenol	167	1
84-66-2	Diethylphthalate	167	_
-			I '

FORM I BNA-GCMS

P04039LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: P04039

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0301003

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/22/98

CONCENTRATION UNITS:

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG O. 105-67-9----2,4-Dimethyphenol 131-11-3----Dimethylphthalate 167 U 167 U 534-52-1----4,6-Dinitro-2-methylphenol 167 U 51-28-5----2,4-Dinitrophenol 333 | U 121-14-2----2,4-Dinitrotoluene 167 U 606-20-2----2,6-Dinitrotoluene 167 U 117-84-0-----Di-n-octylphthalate 167 U 86-30-6-----Diphenylamine/n-NDPA 167 U 206-44-0----Fluoranthene 167 U 86-73-7----Fluorene 167 U 118-74-1-----Hexachlorobenzene 167 U 87-68-3-----Hexachlorobutadiene 167 U 77-47-4----Hexachlorocyclopentadiene 167 U 67-72-1-----Hexachloroethane 167 U 193-39-5----Indeno(1,2,3-cd)pyrene 167 U 78-59-1-----Isophorone 167 U 91-57-6----2-Methylnaphthalene 167 U 95-48-7----2-Methylphenol 167 U 106-44-5----3&4-Methylphenol 167 U 91-20-3-----Naphthalene 167 U 88-74-4----2-Nitroaniline 167 U 99-09-2----3-Nitroaniline 167 U 100-01-6----4-Nitroaniline 167 U 98-95-3-----Nitrobenzene 167 U 88-75-5----2-Nitropheno $\Gamma$ 167 U 100-02-7----4-Nitrophenol 167 U 621-64-7----N-Nitrosodinpropylamine 167 U 87-86-5----Pentachlorophenol 167 U 85-01-8-----Phenanthrene 167 U 108-95-2----Phenol 167 U 129-00-0-----Pyrene 167 U 120-82-1----1,2,4-Trichlorobenzene 167 U

FORM I BNA-GCMS

# 3781423 CLIENT SAMPLE NO.

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

P04039LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: P04039

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0301003

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/22/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

95-95-4----2,4,5-Trichlorophenol 167 U 88-06-2----2,4,6-Trichlorophenol 167 U

131 138

FORM I BNA-GCMS

### 5-1-54 3781424

#### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04039

SDG No.: 9809-581

Matrix Spike - Sample No.: P04039BS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION		8	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	
	========	=======================================		TCEO	======
Acenaphthene	1670		1430	86	34-126
Acenaphthylene	1670		1470	88	62-123
Anthracene	1670		1460	87	68-124
Benzo(a)Anthracene	1670		1540	92	60-133
Benzo(b)fluoranthene	1670		1560	93	67-126
Benzo(k)fluoranthene	1670		1570	94	75-131
Benzo(g,h,i)perylene	1670		1560	93	53-137
Benzo(a) pyrene	1670	i	1500	90	68-129
Benzoic Acid	3330		3120	94	37-251
Benzyl Alcohol	1670		1410	84	20-159
bis(2-Chloroethyl)ether	1670		1660	99	25-147
Bis(2-chloroethoxy) meth	1670		1270	76	37-153
bis(2-Chloroisopropyl)e	1670		1430	86	35-138
bis(2-ethylhexyl)Phthal	1670		1450	87	60-150
4-Bromophenyl-phenyleth	1670		1460	87	59-130
Butylbenzylphthalate	1670		1530	92	71-137
4-Chloroaniline	1670		431	26*	27-106
4-Chloro-3-Methylphenol	3330	ì	3250	98	33-147
2-Chloronaphthalene	1670		1500	90	62-126
2-Chlorophenol	3330		3100	93	35-138
4-Chlorophenyl-phenylet	1670	1	1480	89	60-128
Chrysene	1670		1680	100	67-
Dibenzo(a,h)anthracene	1670		1460	87	51
Dibenzofuran	1670	i	1490	89	57-1-1
Di-n-Butylphthalate	1670		1460	87	39-179
1,2-Dichlorobenzene	1670		1400	84	58-110
1,3-Dichlorobenzene	1670		1400	84	55-109
1,4-Dichlorobenzene	1670	İ	1310	78	26-121

#	Column	to be used	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outside of	QC	limits						ab ccl 1bx

COMMENTS:	

page 1 of 3

FORM III BNA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: P04039

SDG No.: 9809-581

Matrix Spike - Sample No.: P04039BS Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
=======================================	(49/149/	(49/149/	(ug/kg/	KEC #	
3,3'-Dichlorobenzidine	3330		3620	109	18-191
2,4-Dichlorophenol	3330		3000	90	68-123
2,6-Dichlorophenol	3330		3320	99	45-157
Diethylphthalate	1670		1540	92	72-133
2,4-Dimethyphenol	3330		2740	82	53-121
Dimethylphthalate	1670		1530	92	64-132
4,6-Dinitro-2-methylphe	3330		3380	102	70-158
2,4-Dinitrophenol	3330		3820	115	31-186
2,4-Dinitrotoluene	1670	l	1580	95	22-139
2,6-Dinitrotoluene	1670		1490	89	64-142
Di-n-octylphthalate	1670		1460	87	42-172
Diphenylamine/n-NDPA	1670	ĺ	1450	87	72-118
Fluoranthene	1670		1460	87	71-132
Fluorene	1670		1460	87	65-126
Hexachlorobenzene	1670		1520	91	64-130
Hexachlorobutadiene	1670	-	1460	87	62-116
Hexachlorocyclopentadie	1670		1410	84	16-160
Hexachloroethane	1670		1380	83	58-110
Indeno(1,2,3-cd)pyrene	1670		1440	86	34-170
Isophorone	1670	}	1460	87	35-135
2-Methylnaphthalene	1670		1360	81	57-123
2-Methylphenol	3330		3760	113	56-132
3&4-Methylphenol	3330		3010	90	68-111
Naphthalene	1670		1350	81	62-113
2-Nitroaniline	1670		1450	87	63-138
3-Nitroaniline	1670		1470	88	53-128
4-Nitroaniline	1670		1490	89	60-140
Nitrobenzene	1670		1420	85	59-123
2-Nitrophenol	3330		3040	91	52-145
_					

#	Column	to be use	d to	flag recovery	and RPD	values	with a	an	asterisk
*	Values	outside o	f QC	limits					

COMMENTS:	 	

#### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04039

SDG No.: 9809-581

Matrix Spike - Sample No.: P04039BS Level:(low/med) LOW

COMPOUND	REC # 99 10 86 104 90 86 10 86 10 86 115	QC. LIMITS REC. ====== 12-105 24-141 6-164 66-128 22-127 33-155 30-127 50-173 46-161
----------	--	--

RPD: 0 out of 0 outside limits Spike Recovery: 1 out of 66 outside limits

COMMENTS:

page 3 of 3

FORM III BNA-GCMS

#### FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04039

SDG No.: 9809-581

Matrix Spike - Sample No.: 9809-581-1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ua/Kg)	MS % REC #	QC. LIMITS REC.
Acenaphthene	3250	0.00	2550	78	34-126
4-Chloro-3-Methylphenol	5190	0.00	4870	94	33-147
2-Chlorophenol	5190	0.00	4580	88	35-138
1,4-Dichlorobenzene	3250	0.00	2360	73	26-121
2,4-Dinitrotoluene	3250	0.00	2550	78	22-139
4-Nitrophenol	5190	0.00	3840	74	12-105
N-Nitrosodinpropylamine	3250	0.00	2340	72	24-141
Pentachlorophenol	5190	0.00	4730	91	6-164
Phenol	5190	0.00	3580	69	22-127
Pyrene	3250	0.00	2640	81	33-155
1,2,4-Trichlorobenzene	3250	0.00	2670	82	30-127

COMPOUND	SPIKÉ ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L	IMITS REC.
Acenaphthene 4-Chloro-3-Methylphenol 2-Chlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene 4-Nitrophenol N-Nitrosodinpropylamine Pentachlorophenol Phenol Pyrene 1,2,4-Trichlorobenzene	3280 5240 5240 3280 3280 3280 5240 3280 5240 3280 3280 3280	2730 5190 5060 2540 2740 4200 2590 4940 3980 2780 2920	83 99 96 77 84 80 79 94 76 85	6 5 9 5 7 8 9 3 10 5 8	20 20 20 20 20 20 20 20 20 20 20 20 20	34-126 33-147 35-138 26-121 22-139 12-105 24-141 6-164 22-127 33-155 30-127

#	Column	to be	used	to	flag	recovery	and	RPD	values	with	an	asterisk
*	Values	outei	do of	OC	limi+	- e						

RPD: 0 out of 11 outside limits Spike Recovery: 0 out of 22 outside limits

COMMENTS:

Environmental Testing & Consulting, Inc.

# **Quality Control Reports**

**GC** Pesticides

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL 3781429

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-581 Method (SW-846) : \_8081A/3550B

#### HOLDING TIMES

Sample Extraction: All soil samples extracted within 14 days. Sample Analysis: All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06019 P06019LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> P06019BS

All criteria met.\*

Multiple analytes were flagged for high recovery in P06019BS. High recovery indicates that detection levels were not affected. These analytes were not identified in the sample associated with this project. The data was not affected.

Matrix Spike / Matrix Spike Dup FORM 3

9809-581-01 RPD : All analytes within QC limits. RA-TS-006A Spike Recovery : All analytes within QC limits.\*

Recoveries for multiple analytes were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06019LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7\*
Endrin/Breakdown : All criteria met. FORM 7A

Calibration Verification(CV): P110041A.22R (Primary)

Analyte %Diff(15% Max) Response delta-BHC 38.5 High Endosulfan sulfate 26.4 High Endrin Ketone 17.8 High

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-581 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

High responses indicate that reported levels for these analytes may be biased high. Sample 9809-581-01 and MS/MSD were the only project samples associated with this CV. Recoveries for delta-BHC and Endrin Ketone were within QC Limits in P06019BS. No Target Analytes were identified in the sample. The data was not affected.

Calibration Verifi	cation(CV) : P11	L0041A.23R (Primary)
Analyte	%Diff(15% Max)	Response
delta-BHC	30.4	High
4,4-'DDT	16.2	Low
Endosulfan sulfate	21.4	High
Endrin	20.3	Low

High responses indicate that reported levels for these analytes may be biased high. Low responses indicate that reported levels for these analytes may be biased low. Sample 9809-581-01 and MS/MSD were the only project samples associated with this CV. Recoveries for delta-BHC , 4,4'-DDT , and Endrin Ketone were within QC Limits in P06019BS. No Target Analytes were identified in the sample. The data was not affected.

<u>Calibration Verifi</u>		P109211B.21R	(Confirmation)
Analyte %Di	ff(15% Max)	Response	TOTTLE LINGUE LOTTY
4,4'-DDD	17.0	High	
4,4'-DDE	17.0	High	
4,4'-DDT	20.5	High	
Endosulfan I	25.0	High	
Endosulfan II	19.5	High	
Endosulfan sulfate	18.5	High	
Endrin aldehyde	52.5	High	
Endrin ketone	21.5	High	
Heptachlor	24.5	High	
Methoxychlor	37.0	High	

High recoveries indicate that reported levels for this analyte may be biased high. Method Blank and Laboratory Control Sample were the only samples associated with this CV. Recoveries for most of these analytes were flagged for high recovery in P06019BS while others were within acceptable QC range. The data for sample 9809-581-01 was not affected.

Calibration V	Verification(CV)	: P109211B.22R	(Confirmation)
Analyte	%Diff(15% Max)	Response	, configuration,
Endrin aldehy	vde 49.5	High	

High response indicates that reported level for this analyte may be biased high. Method Blank and Laboratory Control Sample were the only samples associated with this CV. Recovery for Endrin aldehyde was flagged for high recovery in P06019BS. The data for sample 9809-581-01 was not affected.

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Client Name

Project Name

ETC Order # : \_9809-581 Method (SW-846) : \_8081A/3550B

#### SAMPLE ANALYSIS

تعيه

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

#### FORM 2 SOIL PESTICIDE SURROGATE RECOVERY

3781432

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-581

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S	4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#		#	#	#	#	# #	#	OUT
01	P06019LB	80	103	=====	= ===	===	======	======	= ======	=====	===
02	P06019BS	103	103		-			ļ — — —	-	·   ———	0
03	9809-581-1	78	82		-	1	<del></del>		-	·	0
04	9809-581-1MS	87	114		-				-		0
05	9809-581-1MS	94	117								
06 07	·				-						
08	<del></del>				-				- İ ———		
08 09					-				·   <del></del>		
10								<del></del>			!
11 12											
13	<del></del>			•	-						
14					-	-				l——	
15!					·	·			<u> </u>	<del></del> -	
16 17						·					
17					.					<del></del>	
18 19 20			———		.	.					
20					·	[-			ļ	<del></del>	
21					·	-			İ		
22						-					<del></del>
23											
25					l	-					37
21 22 23 24 25 26		<del></del> ]-			<b> </b> -	— -	<del></del>				
27						<del></del>  -			<u> </u>		
28					<del> </del>	— -			<u> </u>		
29						-					<del></del> ]
30											

QC LIMITS S1 (TMX) = Tetrachloro-m-xylene S2 (DBC) = Decachlorobiphenyl (39-130) (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PESTICIDE

# FORM 4 PESTICIDE METHOD BLANK SUMMARY

EPA GC SAMPLE NO.

P06019LB

Lab Name: ETC, INC.

Lab Prep Batch: P06019

Lab File ID: P109211B-12R

Matrix: (soil/water) SOIL

Level:(low/med) LOW

SDG No.: 9809-581

Instrument ID: PEST1B

Date Analyzed: 09/21/98

Time Analyzed: 2253

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

			•	
	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
			D100011D 15D	00/00/00
01	P06019BS		P109211B-17R	09/22/98
02	9809-581-1		P110041A-18R	10/05/98
03	9809-581-1MS		P110041A-19R	10/05/98
04	9809-581-1MS		P110041A-20R	10/05/98
	9609-361-1M3		F11004IA-20K	1 10/03/30
05				
06				
07				
08				
09				
10				
11				
12	-			
13				
14				
15				
15				
16				
17			:	
18				
19				
20		<del></del>	<del></del>	
21				
22	i			
23				
24				
25				
20				
26				
27				
28				
29				
30				
30	··		<u> </u>	

COMMENTS:		

page 1 of 1

FORM IV PESTICIDE

აიიი67

EPA GC SAMPLE NO.

P06019LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: P06019

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P109211B-12R

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 09/21/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

FORM I PESTICIDE

#### FORM 3 SOIL PESTICIDE LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06019

SDG No.: 9809-581

Matrix Spike - Sample No.: P06019BS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
=======================================	========	(ug/11g/	(49/119/		=====
Aldrin	33.33		30.86	92	31-111
alpha-BHC	33.33		28.80	86	22-112
beta-BHC	33.33		35.53	107	54-120
delta-BHC	33.33		25.09	75	10- 96
gamma-BHC	33.33		30.49	91	26-113
álpha-chlordane	33.33		34.95	105*	49-103
gamma-chlordane	33.33		35.63	107*	50-106
4,4'-DDD	33.33		39.21	118*	47-112
4,4'-DDE	33.33		38.68	116	36-117
4,4'-DDT	33.33		40.00	120	49-124
Dieldrin	33.33		36.15	108	44-108
Endosulfan I	33.33		38.79	116*	49-103
Endosulfan II	33.33		39.89	120*	
Endosulfan sulfate	33.33		37.77	113*	
Endrin	33.33	:	34.56	104	44-118
Endrin aldehyde	33.33		48.41	145*	48-128
Endrin ketone	33.33		39.82	119	38-130
Heptachlor (1)	33.33		38.64	116*	47-113
Heptachlor epoxide	33.33		34.28	103	47-112
Methoxychlor	33.33		47.72	143	39-147

#	Column	to	be	used	to	flag	recovery	and	RPD	values	with	an	asterisk
*	Values	out	sid	le of	OC	limi	ts						

RPD: 0 out of 0 outside limits Spike Recovery: 8 out of 20 outside limits

COMMENTS:

### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06019

SDG No.: 9809-581

Matrix Spike - Sample No.: 9809-581-1 Level:(low/med) LOW

	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	8	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	
	=======	==========		====	NEC.
Aldrin	33.22259	0.00000	33.53553	101	31-111
alpha-BHC	33.22259	0.62803	34.50656	102	22-112
beta-BHC	33.22259	0.00000	40.40875	122*	54-120
delta-BHC	33.22259	0.00000	32.45429	98*	10- 96
gamma-BHC (Lindane)	33.22259	0.00000	37.12322	112	26-113
alpha-chlordane	33.22259	0.00000	39.28700	118*	49-103
gamma-chlordane	33.22259	0.63986	40.13395	119*	50-106
4,4'-DDD	33.22259	0.61061	36.43699	108	47-112
4,4'-DDE	33.22259	0.48210	37.23613	111	36-117
4,4'-DDT	33.22259	1.50091	36.71188	106	49-124
Dieldrin	33.22259	0.00000	36.80043	111*	
Endosulfan I	33.22259	0.00000	39.96618	120*	49-103
Endosulfan II	33.22259	0.00000	40.38282	122*	
Endosulfan sulfate	33.22259	1.03115	44.72178	132*	,
Endrin	33.22259	0.57911	36.87819	109	44-118
Endrin aldehyde	33.22259	0.00000	43.94410	132*	48-128
Endrin Ketone	33.22259	0.00000	44.47369	134*	38-130
Heptachlor	33.22259	0.59253	36.23438	107	47-1
Heptachlor epoxide	33.22259	0.00000	38.94593		47-1
Methoxychlor	33.22259	0.00000	34.27656	103	39-147
			11.27030	100	39-147
		<del></del>	<del></del>		

#	Column	to be us	ed t	to	flag recovery	and	RPD	values	with	an	actorick
*	Values	outside	of C	ΣC	limits	٠٠		VULUCB	WICH	an	ascerisk

COMMENTS:	

page 1 of 2

FORM III PESTICIDE

JUU070

#### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06019

SDG No.: 9809-581

Matrix Spike - Sample No.: 9809-581-1 Level: (low/med) LOW

-	SPIKE	MSD	MSD			
	ADDED	CONCENTRATION	ે ક	8	QC L	IMITS
COMPOUND	(ug/Kg)	(ug/Kg)	REC #	RPD #	RPD	REC.
	===== <del>==</del>	=========	=====	=====	=====	=====
Aldrin	32.89473	32.61141	99	2	20	31-111
alpha-BHC	32.89473	33.97923	101	1	20	22-112
beta-BHC	32.89473	38.67335	118	3	20	54-120
delta-BHC	32.89473	31.72009	96	2	20	10- 96
gamma-BHC (Lindane)	32.89473	35.81636	109	3	20	26-113
alpha-chlordane	32.89473	38.40203	117*	1	20	49-103
gamma-chlordane	32.89473	38.69609	116*	2	20	50-106
4,4'-DDD	32.89473	37.33458	112	4	20	47-112
4,4'-DDE	32.89473	35.67704	107	4	20	36-117
4,4'-DDT	32.89473	33.92163	98	8	20	49-124
Dieldrin	32.89473	36.29596	110*	1	20	44-108
Endosulfan I	32.89473	38.06826	116*	3	20	49-103
Endosulfan II	32.89473	38.35586	117*	4	20	53-115
Endosulfan sulfate	32.89473	38.91574	115*	14	20	51-110
Endrin	32.89473	35.68234	107	2	20	44-118
Endrin aldehyde	32.89473	42.36954	129*	2	20	48-128
Endrin Ketone	32.89473	42.12060	128	4	20	38-130
Heptachlor	32.89473	34.58449	103	4	20	47-113
Heptachlor epoxide	32.89473	37.23672	113*	3	20	47-112
Methoxychlor	32.89473	32.24329	98	5	20	39-147

#	Column	to be used	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outside of	QC	limits						

RPD: 0 out of 20 outside limits

Spike Recovery: 19 out of 40 outside limits

COMMENTS:

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

GC PCBs

3781439

MEMPHIS, TN CASE NARRATIVE GC PCBs - SOIL

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Client Name

Project Name

: \_9809-581 : \_8082/3550B ETC Order # Method (SW-846)

#### HOLDING TIMES

Sample Extraction: All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

QC Batch Form 4 Summary P06019LB P06019

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recovery for Decachlorobiphenyl was flagged as outside QC Limits in sample 9809-581-01MS(RA-TS-006). Review of the raw data showed no obvious matrix interference. Surrogate recovery for Tetrachloro-m-xylene was within QC Limits.

#### Laboratory Control Sample FORM 3 P06019BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3 RPD : All analytes within QC limits.\* 9809-581-01 Spike Recovery : All analytes within QC limits. RA-TS-00,6

RPD for Aroclor 1242 was flagged as outside QC Limits due to higher recovery in the Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

<u>Method Blank FORM 4</u> P06019LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

: All criteria met. FORM 6 Initial Calibration Calibration Verification : All criteria met. FORM 7\*

Calibration Verification(CV) : C209222A.34R (Primary) %Diff(15% Max) Response Analyte Decachlorobiphenyl Low

Low response indicates that reported levels for this analyte may be biased low. Surrogate recoveries for Tetrachloro-m-xylene for all samples associated with this project were within QC Limits. The data was not affected.

## ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

CASE NARRATIVE GC PCBs - SOIL

3781440

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-581 Method (SW-846) : \_8082/3550B

#### CALIBRATION

Low response indicates that reported levels for this analyte may be biased low. Surrogate recoveries for Tetrachloro-m-xylene for all samples associated with this project were within QC Limits. The data was not affected.

Calibration Verification(CV): C209222A.47R(Primary)Analyte%Diff(15% Max)ResponseDecachlorobiphenyl17.6Low

Low response indicates that reported levels for this analyte may be biased low. Surrogate recoveries for Tetrachloro-m-xylene for all samples associated with this project were within QC Limits. The data was not affected.

Calibration Verification(CV): C209222A.48R (Primary)Analyte%Diff(15% Max)ResponseDecachlorobiphenyl18.0Low

Low response indicates that reported levels for this analyte may be biased low. Surrogate recoveries for Tetrachloro-m-xylene for all samples associated with this project were within QC Limits. The dwas not affected.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC+\_

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-581

Level: (low/med) LOW

	EPA GC	S1	S2	<b>S</b> 3	S4	S5	S6	<b>S</b> 7	S8	TOT
	SAMPLE NO.		(DBC)#	#	#	#	#	#		OUT
0.1	0000 501 1		=====			=====	=====	======	=====	===
01 02	9809-581-1 9809-581-1M	60 54	68 59*					<del></del>		0
03	9809-581-1S	78	72						<del></del>	1 0
04	P06019BS	69	80				<del></del>			ŏ
05	P06019LB	68	94							0
06										l
07										
80										<del></del>
09								·		ı—-I
10										
11 12 13 14 15						ļ <del></del>				
13	-									
14							-			
15										
16	·			<del></del>						
17 18					<del></del> i			<u>i</u>		
19										
20	·-· · · · · · · · · · · · · · · · ·									
21										
22										
23										
24										
25										
20										
20 21 22 23 24 25 26 27 28										
29										
29 30						····				
1		·'	'			· i		ı	'	<u> </u>

QC LIMITS (39-130)

S1 (TMX) = Tetrachloro-m-xylene S2 (DBC) = Decachlorobiphenyl (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PCB

3 1 %

Lab Name: ETC, INC.

Lab Prep Batch: P06019

Lab File ID: C209241A-10R

Matrix: (soil/water) SOIL

Level:(low/med) LOW

P06019LB

SDG No.: 9809-581

Instrument ID: PEST2A

Date Analyzed: 09/25/98

Time Analyzed: 0020

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EDA CO	7		
	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		==========	== ==========	
01	9809-581-1	Ī	C209222A-31R	00/02/00
02	9809-581-1M			09/23/98
	3003-201-IM		C209222A-32R	09/23/98
03	9809-581-1S		C209222A-33R	09/23/98
04	P06019BS		C209222A-39R	09/23/98
05				03,23,30
06	<del>  </del>		<del></del>	
07		<del></del>		
				[
80				
09				
10				
11				
12			-   <del></del>	
13			_	
14				
15			-	
16			— I ————.	<del></del>
17		<del></del>		
18			<del>-</del>	
19		<del></del>		
20				
21				
22			<del></del>	
23				
24		· <del></del>		
25				
26				
27				
28			_	
29			-   <del></del>	
30				

COMMENTS:		
	 	 ·
<del></del>	 <del></del>	 

page 1 of 1

FORM IV PCB

### FORM 1 5 PCB ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06019LB

Lab Name: ETC, INC.

SDG No.: 9809-581

Matrix: (soil/water) SOIL Lab Prep Batch: P06019

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C209241A-10R

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 09/25/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11104-28-2 11141-16-5 53469-21-9 11097-69-1 11096-82-5	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1254 Aroclor 1260 Aroclor 1248	16.6 16.6 16.6 16.6 16.6 16.6	7 U 7 U 7 U 7 U 7 U

FORM I PCB

\$ 1 H N ... FORM 3 3781444 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06019

SDG No.: 9809-581

Matrix Spike - Sample No.: P06019BS Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		278.4	84	25-125
Aroclor 1260	333.3		285.5	86	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

COMMENTS:

FORM III PCB

#### FORM 3 SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

3781445

Lab Name: ETC, INC.

Lab Prep Batch: P06019

SDG No.: 9809-581

Matrix Spike - Sample No.: 9809-581-1

Level:(low/med) LOW ]

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242 Aroclor 1260	332.2 332.2	0.000	238.5 228.1		25-125 25-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L: RPD	MITS REC.
Aroclor 1242	333.3	304.1	91	23*	20	25-125
Aroclor 1260	333.3	273.2	82	17	20	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 1 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

COMMENTS:

# COMPOSITE CONFIRMATION SAMPLE COLLECTED FOLLOWING EXCAVATION IN AREA C

Date Collected 09/21/98

RA-C-015 (Composite of Grids C14, C15, C16 & C5) RA-C-016 (Duplicate of RA-C-015) RA-C-017 (Composite of Grids C10, C11, C12 & C13)

#### ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road • Memphis, TN 38111 • (901) 327-2750 • FAX (901) 327-6334

Founded 1972

September 25, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9809658 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV

Chief Executive Officer

rt

Attachment

OHM DDMT

Report Type [ ] Preliminary [ ]-Final Date Received:	Pr	oject Numbe	r: <u>203</u>	56C
Project Name DD1777 Analysis/Method:	TLLPE.	ut/10013	PAF	1,742
Project Name DL17? / Analysis/Method:  Laboratory C	) ಗಾ ೭ ಗ Lab Project/C	コ/ ≦ (と ase Number:	N930	9653
Sample Number(s): RA-C-9:5, -016, -0				
	Date Evaluate		パララ M Maximum	
[ ] Other, please describe			··· - · · ·	
Quality Control Deliverables	15	l n · 1		1 =
PQL, MDL, RL, etc meets DOOs	Required	Received	Passed	Failed
Comment:			<u>                                     </u>	1
Holding Times			1	1
Comment:	· · · · · · · · · · · · · · · · · · ·	· · · · · · ·		<u> </u>
Sample Condition (preservatives, containers, temperature, etc) / Case Narrative	х		<u> </u>	
Comment:	Α			-
Surrogate Recoveries	х			<del></del>
Comment: High on BINA, SUMDE ND, results Intereference decommented, results Lab Control Sample Recoveries	(+1) 82, 810+121	epted	, ALST	mdmy
Lab Control Sample Recoveries	X		سسيد	1 // /
Comment:	•			
Lab Control Sample Duplicate or Other Spike Recoveries	X			
Comment:				
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD	X			
Comment:				
Matrix Spike Recoveries	Х			
Comment: out for metals, LCS OK, data o	accepted		,	
Matrix Spike Duplicate Recoveries	Х		2	
Comment: Out for metals, 3NA LCS OK, All dutce accepted.	RPDOK	·ms	OIL for	- BNA.
Matrix Spike / Matrix Spike Duplicate RPD	X		ــــــــــــــــــــــــــــــــــــــ	
Comment:				
Laboratory Blanks (daily, method, instrument)	X		L	
Comment:			· ·	
Field Blanks (trip, eqpt rinsate, ambient, matrix)	X			<del> </del>
Comment: $r/A$	<u></u> _		. ,,,,	<u> </u>

Quality Control Deliverables			Required	Received	Passed	Failed
Field Duplicates RPD			Х			
Comment:	N.	1-			<del>                                     </del>	
Second Source Check		<del>-                                    </del>		-	ļ	
Comment:	<del></del>	1	1	<u> </u>	<u> </u>	<u> </u>
	P7	<i>t</i>				
Second Column Confirmation  Comment:			V		4-	- "
Comment:			·		<del></del>	
Percent Moisture/Solids	·	<del></del>	<del></del>	<del></del>	<del></del>	
Comment:			J	<u></u>	44	
Initial / Continuing Calibrations		<u>.</u>				
Comment: comment care our year 6/0		<del> </del>	<u> </u>		u	
comment colli ett der der 464 810	11 / Ju 2	514.1 <i>1-15</i> -	-14420	d J', a	1.001	eck
Internal Standard Areas and Retention Times (Organic	s Only)	·	<u> </u>			<del></del>
Comment:		<u> </u>	<u> </u>			
Chromatograms						
Comment:	<del></del>		V		!	
Comment.						
Sample Prep Worksheets						<del></del>
Comment:	<del>-</del>					
Raw Data Calculations						
Comment:	JH .					
Comment.	L.					
Laboratory Duplicates			<del></del>	<del> </del>		
Comment:	<del> </del>					
Instrument Performance Checks (Organics Only)						
Comment:			<u> </u>		1	
						-
Tentatively Identified Compounds (TICs)	·					- 1
Comment:		<del>t</del>		<u></u>		
Completeness	T 40 .					
•	# Samples	# Analyses	Tot # Analyses	Tot # Accept A	\паlyses	% Complete
Completeness = (Tot # Analyses / Tot # Accepted Analyses) x 100 General Comments:	- 3	4	/ "	12		/මළා
Jeneral Comments:			<u> </u>			
			<del></del>			
Summary: [ ] See attached pages		<del></del> -	·			<del></del>
Results accepted.	with y	T-Pla	y Ly	BNA	-	
			<i>C</i>			
Check Applicable [ ] Lab contacted—Corrective		_	_			
Check Applicable [ ] Lab contacted—Corrective actions receive	ve actions in p ved and accent		ate Contacted ate Received/	·		<del></del>
[ ] The data, as reported by	the laboratory	. are accental	hie	• –		
Del' The data, with qualifiers	as described i	in the "Summ	ary" portion	of this report	, are acce	otable.
[ ] The data are unacceptable	le.			•		
[ ] Other	<del></del>					<del></del>
5 Pasantape				2/2	179	
Evaluator's Signature		-	<del></del>		<del></del>	<del></del>

# Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report.

Q	Surrogate Recovery Outside QC Limits
J	Estimated Value. Presence of the compound was confirmed but less than the
	reported detection limit
E	Concentration exceeds the established method calibration range but is within
	the working range of the instrument
В	Analyte detected in the associated Method Blank.
U	Reported result was unconfirmed. Refer to Case Narrative.
N	Non-Compliance Report associated with this sample or project
С	Result reported from GC/MS confirmation analysis.
NC	Result reported from Primary Column. Result did not confirm.
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)

# ENVIRONMENTAL TESTING & CONSULTING, INC. '2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ANALYTICAL SUMMARY TABLE

3781451

Client Name

OHM Remediation Services

Site ID

DDMT

Memphis, TN

ETC				
Sample ID	Field ID	Matrix	Method	Method Description
	***************************************			
980965801	RA-C-015	SOIL	6010B	Silver
980965801	RA-C-015	SOIL	6010B	Aluminum
980965801	RA-C-015	SOIL	7060A	Arsenic
980965801	RA-C-015	SOIL	8270C	GC/MS PAH
980965801	RA-C-015	SOIL	6010B	Barium
980965801	RA-C-015	SOIL	6010B	Beryllium
980965801	RA-C-015	SOIL	6010B	Calcium
980965801	RA-C-015	SOIL	6010B	Cadmium
980965801	RA-C-015	SOIL	9010A	Cyanide
980965801	RA-C-015	SOIL	6010B	Cobalt
980965801	RA-C-015	SOIL	6010B	Chromium
980965801	RA-C-015	SOIL	6010B	Copper
980965801	RA-C-015	SOIL	6010B	Iron
980965801	RA-C-015	SOIL	7471A	Mercury
980965801	RA-C-015	SOIL	6010B	Potassium
980965801	RA-C-015	SOIL	6010B	Magnesium
980965801	RA-C-015	SOIL	6010B	Manganese
980965801	RA-C-015	SOIL	6010B	Sodium
980965801	RA-C-015	SOIL	6010B	Nickel
980965801	RA-C-015	SOIL	8081A	Organochlorine Pesticides
980965801	RA-C-015	SOIL	7421	Lead
980965801	RA-C-015	SOIL	8082	PCBs
980965801	RA-C-015	SOIL	6010B	Antimony
980965801	RA-C-015	SOIL	7740	Selenium
980965801	RA-C-015	SOIL	7841	Thallium
980965801	RA-C-015	SOIL	6010B	Vanadium
980965801	RA-C-015	SOIL	6010B	Zinc
980965802	RA-C-016	SOIL	6010B	Silver
980965802	RA-C-016	SOIL	6010B	Aluminum
980965802	RA-C-016	SOIL	7060A	Arsenic
980965802	RA-C-016	SOIL	8270C	GC/MS PAH
980965802	RA-C-016	SOIL	6010B	Barıum
980965802	RA-C-016	SOIL	6010B	Beryllium
980965802	RA-C-016	SOIL	6010B	Calcium
980965802	RA-C-016	SOIL	6010B	Cadmium
980965802	RA-C-016	SOIL	9010A	Cyanıde
980965802	RA-C-016	SOIL	6010B	Cobalt
980965802	RA-C-016	SOIL	6010B	Chromium
980965802	RA-C-016	SOIL	6010B	Copper
980965802	RA-C-016	SOIL	6010B	Iron
980965802	RA-C-016	SOIL	7471A	Mercury
980965802	RA-C-016	SOIL	6010B	Potassium
980965802	RA-C-016	SOIL	6010B	Magnesium
980965802	RA-C-016	SOIL	6010B	Manganese
980965802 980965802	RA-C-016	SOIL	6010B	Sodium Nickel
980965802	RA-C-016	SOIL	6010B	
980965802	RA-C-016	SOIL	8081A	Organochlorine Pesticides
980965802	RA-C-016 RA-C-016	SOIL SOIL	7421 8082	Lead PCBs
980965802	RA-C-016	SOIL	6010B	Antimony
980965802	RA-C-016	SOIL	7740	Selenium
980965802	RA-C-016	SOIL	7841	Thallium
980965802	RA-C-016	SOIL	6010B	Vanadıum
980965802	RA-C-016	SOIL	6010B	Zinc
		J	00100	
980965803	RA-C-017	SOIL	6010B	Silver
2000000	O	5011	00100	
				<u> </u>

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ANALYTICAL SUMMARY TABLE  $\langle \sigma_j \rangle$ 

3781452

Client Name OHM Remediation Services

Site ID

DDMT

Memphis, TN

ETC				
Sample ID	<u>Field ID</u>	<u> Matrix</u>	Method	Method Description
980965803	RA-C-017	SOIL	6010B	Aluminum
980965803	RA-C-017	SOIL	7060A	Arsenic
980965803	RA-C-017	SOIL	8270C	GC/MS PAH
980965803	RA-C-017	SOIL	6010B	Barium
980965803	RA-C-017	SOIL	6010B	Beryllium
980965803	RA-C-017	SOIL	6010B	Calcium
980965803	RA-C-017	SOIL	6010B	Cadmium
980965803	RA-C-017	SOIL	9010A	Cyanide
980965803	RA-C-017	SOIL	6010B	Cobalt
980965803	RA-C-017	SOIL	6010B	Chromium
980965803	RA-C-017	SOIL	6010B	Copper
980965803	RA-C-017	SOIL	6010B	Iron
980965803	RA-C-017	SOIL	7471A	Mercury
980965803	RA-C-017	SOIL	6010B	Potassıum
980965803	RA-C-017	SOIL	6010B	Magnesıum
980965803	RA-C-017	SOIL	6010B	Manganese
980965803	RA-C-017	SOIL	6010B	Sodium
980965803	RA-C-017	SOIL	6010B	Nickel
980965803	RA-C-017	SOIL	8081A	Organochlorine Pesticides
980965803	RA-C-017	SOIL	7421	Lead
980965803	RA-C-017	SOIL	8082	PCBs
980965803	RA-C-017	SOIL	6010B	Antimony
980965803	RA-C-017	SOIL	7740	Selenıum
980965803	RA-C-017	SOIL	7841	Thallium
980965803	RA-C-017	SOIL	6010B	Vanadium
980965803	RA-C-017	SOIL	6010B	Zinc

Environmental Testing & Consulting, Inc.

Login Chain-of-Custody

OHM Remediation
Services Corp
Subsidiary of OHM Corporation
US Route 224 East Findlay, Ohio 45840 (419) 423-3526

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

218029 BORATORY COPY 05
218029 00
FORM JOIN REV 20

	247	(+1)			FORM (019 REV 244)
OHM & LAB COORDINATOR	LAB COORDINATOR S PHONE	LAB COORDINATOR S FAN	LABURATORY SERVICE (D	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
Elena Rodriguez	770-734-8060	770-453-7716	ETC	Nathan Pera	OHM Remediation Services Corp
PROJECT NAME DDMT	PROJECT LOCATION	PROJECT NUMBER	1.ABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
PROJECT CONTACT	PROJECT PHONE NUMBI R	PROJECT FAX	LABORATORY ADDRESS	/	ADDRESS
Steve Offner	901-743-1117	901-743-1048	12924 Walnut Crov	e Road	Shis Teissole Dkwy. #400
PROJECT ADDRESS	CITY STATE AND ZIPCODE	C1 IENT	CITY STATE AND ZIPCODE		CITY STATE AND ZIPCODE
1708 Dunn Ave.	Memphis, TN 38114	USACE	Memphis IN 38111	3	Northcass GA 30092
PROJECT MANAGER	PROJECT MANAGER S PHONE	PROJECT MANAGER S FAN	, is	<b>(</b> \)	
Steve Offner	770-326-2571	6	300	5/6	
em .		, set on	They	<b>%</b>	
Sample Identifier	Mair. Dake	Title Steel & OC CAN	<b>\</b>		Comments
1 Ra-c-0/5	<u>ر</u> ک	WHO CORKA			ı xe
2 RA-C-OIL	50,118-21-60	4×8	7777		ditte and oversal booth indoor
PA-C-017	<. \\D.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Some San	<i>,</i>		
	00// 01/78/700	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	
4					
5					
6					
7					
8					
9					
10			·		
SAMPLES COLLECTED BY $S_{\star}CPA_{\star}$	COURIER AND AIR BILL NUMBER	ILLNUMBER OF LOOP OF CO.	LOS SOUL		COOLER TEMPERATURE UPON RECEIPT
RELINQUISHED BY	<i>A</i>	RICEIVED BY DATE	i IME	الم م دوان	SAMPLE S CONDITION UPON RECEIPT
		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		-	
Disti	Distribution White - Laboratory	White - Laboratory (To be returned with Analytical Report), Goldenrod - Project File,	eport), Goldenrod -	Project File, Yellow - P	Yellow - Project Data Manager

#### COOLER RECEIPT FORM

Cooler Receipt Form 9809658 CRF p 1

		Number of Coolers1	
L		Date Received09/22/98	
P	ROJECTDDMT/Memphis, TN	VDTSR _09/22/98 15 35	
			<del></del>
	USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNIN	G CHECK-IN PROBLEMS	
A	PRELIMINARY EXAMINATION PHASE Date cooler was opened09/22/98\		
	by (print) _Lynette Bugg (sign)	acti Buji	
1	Did cooler come with a shipping slip (airbill,etc )?	•	NO
	If YES, enter carrier name & airbill number		
2a	Were custody seals on outside of cooler?		
	Were custody seals on sample containers?		NO NO
	•		140
3	Were custody seals unbroken and intact at the date and time of arrival?		NA
4	Did you screen samples for radioactivity using a Geiger Counter?		NO
5	Were custody papers sealed in a plastic bag & taped inside to the lid?		
,	were custody papers seated in a plastic bag & taped inside to the lid?		NO
6	Were custody papers filled out properly (ink, signed, etc.)?		YES
			120
7	Did you sign custody papers in the appropriate place?		YES
_			
8	Was project identifiable from custody papers? If YES, enter project name	me at top of this form	YES
9	If required, was enough ice used, cooler temp<4°C, Type of ice	Crushed	vec
			YES
10	Have designated person initial here to acknowledge receipt of cooler _	LB date09/22,	/98
₽	LOG-IN PHASE Date samples were logged-in09/22/98	A A L 2	
	LOG-IN PHASE Date samples were logged-in09/22/98	Loster scil	
	Describe type of packing in coolerBubble Wrap and Ice	1 1	
			-
12	Were all bottles sealed in separate plastic bags?		YES
13	Did all bottles arrive unbroken and were labels in good condition?		YES
14	Were all bottle labels complete (ID, date, time, signature, preserved,	etc 12	YES
	the second data of the second	666 /-	165
15	Did all bottle labels agree with custody papers?		YES
16	Were correct containers used for the tests indicated?		YES
17	More convect precemble add-1 by1-2		
1,	Were correct preservatives added to samples?		YES
18	Was a sufficient amount of sample sent for tests indicated?		YES
19	Were bubbles absent in VOA samples? If NO, list by sample#		NA
20	Was the project manager called and status discussed? If YES, give detail	ls on the back of this form	NO
21	Who was called?By whom ?	(date)	
		(date)	
VDT	SR - Validated Date/Time of Sample Receipt (Date sample is logged into L	IMS system)	

**Environmental Testing & Consulting, Inc.** 

Sample Reports

# ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN INORGANIC ANALYSIS DATA CHEET

## INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

3781457

Client Name :OHM Remediation Services

Project Name :DDMT

Memphis, TN

Matrix :SOIL

Date Sample Received :09/22/98

Contract Laboratory Order Number :9809-658

Contract Lab <u>Sample No</u>	Client Sample <u>ID</u>	Date <u>Sampled</u>	Result <u>Units :(%</u>	Date <u>) Analyzed</u>	<u>Method</u>	Ву
9809-658-01	RA-C-015	09/21/98	86	09/22/98	160.3	GD
9809-658-02	RA-C-016	09/21/98	85	09/22/98		GD
9809-658-03	RA-C-017	09/21/98	95	09/22/98		GD

LABORATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 3781458 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-01 Sample ID: RA-C-015 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	NĎ	mg/Kg	1 00	08.45	09/25/98 GD	9010A

RATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-02 Sample ID: RA-C-016

Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	ND	mg/Kg	1 00	08:45	09/25/98 GD	9010A

LABORATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-03 Sample ID: RA-C-017 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	ND	mg/Kg	1 00	08:45	09/25/98 GD	9010A

LABORATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Menaphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

3781461

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-01 Sample ID: RA-C-015

Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	BY	METHOD
Metals Digestion Batch	V8-SO-28					NR	3051
Mercury Digestion Batch	V4-SO-34					RM	7471A
Silver	ND	mg/Kg	0 700	13.21		TD	6010B
Aluminum	12,700	mg/Kg	4.00	15:11	1. 1.	TD	6010B
Arsenic	9.40	mg/Kg	0.200	11 05		JF	7060A
Barıum	122	mg/Kg	0 200	13:21		TD	6010B
Beryllium	0.541	mg/Kg	0.100	13:21	* . *	TD	6010B
Calcium	1,560	mg/Kg	1.00	13.21	*	TD	6010B
Cadmium	ND	mg/Kg	0 400	13:21	·	TD	6010B
Cobalt	8.85	mg/Kg	0.700	13:21		TD	6010B
Chromium	15.4	mg/Kg	0 700	13:21		TD	6010B
Copper	17.9	mg/Kg	0 600	13:21	*	TD	6010B
Iron	21,700	mg/Kg	0.700	15:11		TD	6010B
Mercury	0 046	mg/Kg	0.020	15:06		RM	7471A
Potassium	918	mg/Kg	20.0	13:21		ΓD	6010B
Magnesium	2,560	mg/Kg	3.00	13.21		rD	6010B
Manganese	701	mg/Kg	0.200	13:21		rD	6010B
Sodium	71.5	mg/Kg	20 0	13:21	* . * .	FD	6010B
Nickel	17.7	mg/Kg	1.50	13:21	* . * .	TD	6010B
Lead	14 3	mg/Kg	0.100	13:28		rD	7421
Antimony	4.77	mg/Kg	3 20	13:21	* . * . *	rD	6010B
Selenium	ND	mg/Kg	0.200	15:12		JF	7740
Thallium	0.257	mg/Kg	0.100	16:11		JF	7841
Vanadıum	24.5	mg/Kg	0.800	13:21		rD	6010B
Zinc	58.8	mg/Kg	1.00	13 · 21		rD	6010B

RATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-02 Sample ID: RA-C-016 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	ВУ	METHOD
Metals Digestion Batch	V8-SO-28					NR	3051
Mercury Digestion Batch	V4-SO-34					RM	7471A
Silver	ND	mg/Kg	0 700	13:36	09/24/98	TD	6010B
Aluminum	11,400	mg/Kg	4.00	15:18	09/24/98	TD	6010B
Arsenic	9 14	mg/Kg	0.200	11:08	09/24/98	JF	7060A
Barium	106	mg/Kg	0.200	13:36	09/24/98	TD	6010B
Beryllıum	0.534	mg/Kg	0.100	13 · 36	09/24/98	TD	6010B
Calcium	1,370	mg/Kg	1.00	13.36	09/24/98	TD	6010B
Cadmium	ND	mg/Kg	0.400	13.36	09/24/98	TD	6010B
Cobalt	8.79	mg/Kg	0.700	13:36	09/24/98	TD	6010B
Chromium	14.1	mg/Kg	0.700	13.36	09/24/98	TD	6010B
Copper	17.6	mg/Kg	0.600	13 36	09/24/98	TD	6010B
Iron	20,500	mg/Kg	0.700	15 · 18	09/24/98	TD	6010B
Mercury	0.038	mg/Kg	0.020	15.08	09/24/98	RM	7471A
Potassium	862	mg/Kg	20.0	13:36	09/24/98	TD	6010B
Magnesium	2,430	mg/Kg	3 00	13.36	09/24/98	TD	6010B
Manganese	687	mg/Kg	0 200	13:36	09/24/98	TD	6010B
Sodium	79 3	mg/Kg	20.0	13:36	09/24/98	TD	6010B
Nickel	17 4	mg/Kg	1.50	13.36	09/24/98	TD	6010B
Lead	14 3	mg/Kg	0.100′	13.30	09/24/98	TD	7421
Antimony	ND	mg/Kg	3.20	13:36	09/24/98	TD	6010B
Selenium	ND	mg/Kg	0.200	15:12	09/24/98	JF	7740
Thallıum	0.257	mg/Kg	0.100	16:14	09/24/98	JF	7841
Vanadium	23.2	mg/Kg	0.800	13:36	09/24/98	TD	6010B
Zinc	57.6	mg/Kg	1 00	13:36	09/24/98	TD	6010B

LABORATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

3781463

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

F 4

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-03 Sample ID: RA-C-017

Matrix :SOIL

Project # 20560

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	BY	METHOD
Metals Digestion Batch	V8-SO-28		·			NR	3051
Mercury Digestion Batch	V4-SO-34					RM	7471A
Silver	ND	mg/Kg	0.700	13:43	09/24/98	TD	6010B
Aluminum	13,600	mg/Kg	4.00	14.10	09/24/98	TD	6010B
Arsenic	9.62	mg/Kg	0.200	10 48	09/24/98	JF	7060A
Barıum	117	mg/Kg	0.200	13:43	09/24/98	TD	6010B
Beryllium	0.542	mg/Kg	0 100	13.43	09/24/98	TD	6010B
Calcium	1,680	mg/Kg	1.00	13.43	09/24/98	TD	6010B
Cadmium	ND	mg/Kg	0 400	13:43	09/24/98	TD	6010B
Cobalt	8.75	mg/Kg	0 700	13.43	09/24/98	TD	6010B
Chromium	16.3	mg/Kg	0.700	13:43	09/24/98	TD	6010B
Copper	18.2	mg/Kg	0 600	13:43	09/24/98	TD	6010B
Iron	22,000	mg/Kg	0.700	14:10	09/24/98	TD	6010B
Mercury	0.042	mg/Kg	0.020	15:09	09/24/98	RM	7471A
Potassium	1,060	mg/Kg	20 0	13.43	09/24/98	TD	6010B
Magnesıum	2,460	mg/Kg	3.00	13:43	09/24/98	TD	6010B
Manganese	629	mg/Kg	0 200	13:43	09/24/98	TD	6010B
Sodium	62.3	mg/Kg	20 0	13:43	09/24/98	TD	6010B
Nickel	17.5	mg/Kg	1.50	13:43	09/24/98	TD	6010B
Lead	14.6	mg/Kg	0.100′	13 21	09/24/98	TD	7421
Antimony	ND	mg/Kg	3.20	13.43	09/24/98	TD	6010B
Selenium	ND	mg/Kg	0 200	15:12	09/24/98	JF	7740
Thallium	0.239	mg/Kg	0 100	16:00	09/24/98	JF	7841
Vanadium	24.9	mg/Kg	0.800	13:43	09/24/98	TD	6010B
Zinc	62.4	mg/Kg	1 00	13:43	09/24/98	TD	6010B

DRATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781464

Client Name OHM Remediation Services

Project # 20560 Defense Depot - Memphis, TN FID # DACA45-96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-01 Sample ID: RA-C-015 Matrix :SOIL

Sample Date :09/21/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
GC/MS PAH					<del></del>		8270C
				09/23/98	09/23/98	RR	
QC Batch	P04038	ug/Kg					
Acenaphthene	ND	ug/Kg	67 0				
Acenaphthylene	ND	ug/Kg	67 0				
Anthracene	ND	ug/Kg	67 0				
Benzo(a)anthracene	ND	ug/Kg	67.0				
Benzo(b)fluoranthene	ND	ug/Kg	67.0				
Benzo(k)fluoranthene	ND		67.0				
Benzo(g,h,i)perylene	ND		67.0				
Benzo (a) pyrene	ND		67 0				
Chrysene	ND	ug/Kg	<b>آد</b> 67.0				
Dibenzo(a,h)anthracene	ND	ug/Kg	67.0				
Fluoranthene	ND	ug/Kg	67 0				
Fluorene	ND	ug/Kg	67 0				
Indeno(1,2,3-cd)pyrene	ND	ug/Kg	67.0				
Naphthalene	ND	ug/Kg	67.0				
Phenanthrene	ND	ug/Kg	67.0				
Pyrene	ND	ug/Kg	67.0				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Nitrobenzene-d5	69		39	80			
S2 - 2-Fluorobiphenyl	74		43	84			
S3 - 4-Terphenyl-d14	71		40	121			

#### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

9809-658-1

Lab	Name:	ETC,	INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-658

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: 0501005

Level: (low/med) LOW

Date Received:

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/23/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				===
2		_		
3				
4				
6		_		
7:		-		
8.		—  <del></del>		
9.		-	<del></del>	
0		<del>-</del>		
1.				
<b>4</b> •				
3				
5				
6		-  <del></del>		
7.		-		
8		_		
<b>7</b>				
• 1				
1.				
2				
4:	· · · · · · · · · · · · · · · · · · ·	·		
o. I		—   <del></del>   .	<del></del>	
o. I		-		
7.		-		
В.				
9				
0				

FORM I BNA-GCMS-TIC

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781466

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-02

Sample ID: RA-C-016

Matrix :SOIL

Project # 20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
GC/MS PAH							8270C
				09/23/98	09/24/98	RR	
QC Batch	P04038	ug/Kg					
Acenaphthene	ND	ug/Kg	67.0				
Acenaphthylene	ND	ug/Kg	67.0				
Anthracene	ND	ug/Kg	67.0				
Benzo(a) anthracene	ND		67.0				
Benzo(b)fluoranthene	ND		67.0				
Benzo(k) fluoranthene	ND	ug/Kg	67.0				
Benzo(g,h,1)perylene	ND	ug/Kg	67.0				
Benzo(a) pyrene	ND	ug/Kg	67.0				
Chrysene	ND	ug/Kg	دَدُ 67.0				
Dibenzo(a,h)anthracene	ND	ug/Kg	67.0				
Fluoranthene	ND	ug/Kg	67.0				
Fluorene	ND	ug/Kg	67.0				
Indeno(1,2,3-cd)pyrene	ND	ug/Kg	67.0				
Naphthalene	ND	ug/Kg	67.0				
Phenanthrene	ND	ug/Kg	67.0 J				
Pyrene	ND	ug/Kg	67.0				
Surrogate Standard	% Red	covery	QC Li	mits			
S1 - Nitrobenzene-d5	78		39	80			
S2 - 2-Fluorobiphenyl	86	0	43	84			
S3 - 4-Terphenyl-d14	78	-	40	121			

LABORATORY MANAGER

#### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

9809-658-2

Lab Name: ETC, INC.		Contract:		9809-658-2
Lab Code:	Case No.:	SAS No.:	SDG	No.: 9809-658
Matrix: (soil/water)	SOIL	1	Lab Sample ID:	
Sample wt/vol:	30.6 (g/mL) G	I	Lab File ID:	0601006
Level: (low/med)	LOW	Ι	Date Received:	
% Moisture:	decanted: (Y/N)_		Date Extracted	:
Concentrated Extract	Volume: 1(	mL) D	Date Analyzed:	09/23/98
Injection Volume:	1.0(uL)	D	Dilution Factor	r: 1.0

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

CONCENTRATION UNITS: Number TICs found: 2 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	1
1. 85-68-7 2. 502-62-5 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.			242 184	==== ИJ
25. 26. 27. 28. 29.				

FORM I BNA-GCMS-TIC

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781468

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-03 Sample ID: RA-C-017 Matrix :SOIL

Project #,20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOI
GC/MS PAH							8270C
,				09/23/98	09/23/98	RR	
QC Batch	P04038	ug/Kg					
Acenaphthene	ND		67 0				
Acenaphthylene	ND	ug/Kg	67.0				
Anthracene	ND	ug/Kg	67.0				
Benzo(a)anthracene	80.1		67.0				
Benzo(b)fluoranthene	145		67.0				
Benzo(k)fluoranthene	64.1J	ug/Kg	67.0				
Benzo(g,h,ı)perylene	82.4	ug/Kg	67.0				
Benzo(a) pyrene	116	ug/Kg	67 0				
Chrysene	104	ug/Kg	67 0 J				
Dibenzo(a,h)anthracene	ND	ug/Kg	67 0				
Fluoranthene	131	ug/Kg	67 0				
Fluorene	ND	ug/Kg	67 0				
Indeno(1,2,3-cd)pyrene	78.0	ug/Kg	67 0				
Naphthalene	ND	ug/Kg	67 0				
Phenanthrene	44.3J	ug/Kg	67 0				
Pyrene	120	ug/Kg	67 0				
Surrogate Standard	% Rec	overy	QC Li	mits_			
S1 - Nitrobenzene-d5	74		39	80			
S2 - 2-Fluorobiphenyl	83		43	84			
S3 - 4-Terphenyl-d14	78		40	121			

LABORATORY MANAGER

CLIENT SAMPLE NO.

### T

BNA-GCMS ORGANI			
TENTATIVELY	IDENTIFIED	COMP	DUNDS

Lab Name: ETC, INC.

Contract:

9809-658-3

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-658

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 30.7 (g/mL) G

Lab File ID: 0701007

Level: (low/med) LOW

Date Received:

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_\_

Date Extracted:

Concentrated Extract Volume: 1(mL)

Date Analyzed: 09/23/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 4602-84-0 2.	2,6,10-DODECATRIEN-1-OL, 3,7		309	==== ИЈ
4				
7				
9				
11. 12. 13.				
14. 15. 16.				
17. 18.				
20				
22.				
25. 26.				
28.		<b>_</b>		
30				

FORM I BNA-GCMS-TIC

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781470

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-01 Sample ID: RA-C-015 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Organochlorine Pesticides				/ /	/ /		8081A
OC Batch	P06020	ug/Kg		09/24/98	09/25/98	RG	
Aldrin	ND ND		2 00				
	ND		2.00				
Alpha-BHC Beta-BHC	ND		2.00				
- + +			2.00				
Delta-BHC	ND						
Gamma-BHC (Lindane)	ND	J. J	2.00				
Alpha-Chlordane	ND		2 00				
Gamma-Chlordane	ND		2.00				
Chlordane	ND		20.0				
4,4'-DDD	ND		2 00				
4,4'-DDE	ND		2.00				
4,4'-DDT	ND		2.00	_			
Dieldrin	2.19		2 00 -1	-			
Endosulfan I	ND		2.00				
Endosulfan II	ND	<b></b>	2.00				
Endosulfan Sulfate	ND		2.00				
Endrin	ND		2.00				
Endrin Aldehyde	ND		2.00				
Endrin Ketone	ND		2.00				
Heptachlor	ND		2.00				
Heptachlor Epoxide	ND	ug/Kg	2.00				
Methoxychlor	ND		2.00				
Toxaphene	ND	ug/Kg	200				
Surrogate Standard	% Rec	covery	QC Li	mits_			
S1 - Decachlorobiphenyl	86		64	154			
S2 - Tetrachloro-m-xylene	79		39	130			

BORATORY MANAGER

## 3781471

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-02 Sample ID: RA-C-016 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
							METHOD
Organochlorine Pesticides							8081A
				09/24/98	09/25/98	RG	
QC Batch	P06020	31,3					
Aldrin	ND	J. J	2 00				
Alpha-BHC	ND	ug/Kg	2 00				
Beta-BHC	ND	ug/Kg	2.00				
Delta-BHC	ND	ug/Kg	2.00				
Gamma-BHC (Lindane)	ND	ug/Kg	2.00				
Alpha-Chlordane	ND	ug/Kg	2.00				
Gamma-Chlordane	ND	ug/Kg	2.00				
Chlordane	ND	ug/Kg	20 0				
4,4'-DDD	ND	ug/Kg	2.00				
4,4'-DDE	ND	ug/Kg	2.00				
4,4'-DDT	ND	ug/Kg	2.00				
Dieldrin	2 25	ug/Kg	2 00 7				
Endosulfan I	ND	ug/Kg	2.00				
Endosulfan II	ND	ug/Kg	2.00				
Endosulfan Sulfate	ND	ug/Kg	2.00				
Endrin	ND	ug/Kg	2.00				
Endrin Aldehyde	ND	ug/Kg	2.00				
Endrin Ketone	ND	ug/Kg	2.00				
Heptachlor	ND		2.00				
Heptachlor Epoxide	ND	ug/Kg	2 00				
Methoxychlor	ND	ug/Kg	2.00				
Toxaphene		ug/Kg	200				
Surrogate Standard	% Pea	overy	QC Li	mita			
S1 - Decachlorobiphenyl	75	OVCLY	64	154			
S2 - Tetrachloro-m-xylene	61		39	130			

LABORATORY MANAGER

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781472 Project # 20560

FID # DACA45-96-D-0014

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-03

Sample ID: RA-C-017

Matrix :SOIL

Sample Date :09/21/98

TEST .	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Organochlorine Pesticides				/ /	/ /	_ ~	8081A
		4		09/24/98	09/25/98	RG	
QC Batch	P06020						
Aldrın	ND		2.00				
Alpha-BHC	ND	J	2.00				
Beta-BHC	ND		2.00				
Delta-BHC	ND		2.00				
Gamma-BHC (Lindane)	ND		2 00				
Alpha-Chlordane	ND		2 00				
Gamma-Chlordane	ND		2 00				
Chlordane	ND		20.0				
4,4'-DDD	ND		2.00				
4,4'-DDE	ИD		2.00				
4,4'-DDT	ND		2.00 J				
Dieldrin	12.1		2.00				
Endosulfan I	ND		2.00				
Endosulfan II	ND		2.00				
Endosulfan Sulfate	ND		2.00				
Endrin	ND	ug/Kg	2.00				
Endrin Aldehyde	ND		2.00				
Endrin Ketone	ND	ug/Kg	2.00				
Heptachlor	ND	ug/Kg	2 00				
Heptachlor Epoxide	ND	ug/Kg	200,				
Methoxychlor	ND	ug/Kg	2.00				
Toxaphene	ND	ug/Kg	200				
Surrogate Standard	% Rec	covery	QC Li	mits			
S1 - Decachlorobiphenyl	86		64	154			
S2 - Tetrachloro-m-xylene	62		39	130			

BORATORY MANAGER

### ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ORGANIC ANALYSIS DATA SHEET 3781473

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-01 Sample ID: RA-C-015 Matrix :SOIL

Project # 20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
PCBs							8082
				09/24/98	09/28/98	RG	0002
QC Batch	P06020	ug/Kg		, , ,	,,		
PCB-1016	ND	ug/Kg	35.0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35 0				
PCB-1242	ND	ug/Kg	35.0				
PCB-1248	ND	ug/Kg	35.0				
PCB-1254	ND	ug/Kg	35 0				
PCB-1260	ND	ug/Kg	35 0				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	66		39	130			
S2 - Decachlorobiphenyl	74		64	154			

BORATORY MANAGER

ND - Not Detected

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781474

OHM Remediation Services Client Name

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID 9809658-02

Sample ID: RA-C-016

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :09/21/98

RESULT	UNITS	DETECTION LIMIT		DATE ANALYZED	ву	METHOD
		* <del></del>				8082
			09/24/98	09/28/98	RG	
P06020	ug/Kg					
ND	ug/Kg	35.0				
ND	ug/Kg	35.0				
ND	ug/Kg	35.0				
ND	ug/Kg	35.0				
ND		35.0				
ND		35.0				
ND	ug/Kg	35.0				
% Rec	overy	QC :	<u>Limits</u>			
50		39	130			
69		64	154			
	P06020 ND ND ND ND ND ND ND ND	P06020 ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg ND ug/Kg	P06020 ug/Kg ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0 ND ug/Kg 35.0	RESULT UNITS   LIMIT   EXTRACTED	RESULT UNITS LIMIT	RESULT UNITS   LIMIT   EXTRACTED   ANALYZED   BY

LABORATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/22/98 ETC Order Number 9809658

ETC Lab ID **9809658-03** Sample ID: RA-C-017

Matrix :SOIL

Project # 20560

Sample Date :09/21/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
PCBs				· · · · · · · · · · · · · · · · · · ·			8082
				09/24/98	09/28/98	RG	0002
QC Batch	P06020	ug/Kg		//	03,20,30	1.0	
PCB-1016	ND	ug/Kg	35 0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35.0				
PCB~1242	ND	ug/Kg	35.0				
PCB-1248	ND	ug/Kg	35.0				
PCB-1254	ND	ug/Kg	35 0				
PCB-1260	ND	ug/Kg	35 0				
Surrogate Standard	% Rec	overv	QC Li	mits			
S1 - Tetrachloro-m-xylene	59		39	130			
S2 - Decachlorobiphenyl	90		64	154			

RATORY MANAGER

**Environmental Testing & Consulting, Inc.** 

## **Quality Control Reports Inorganics**

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE INORGANICS

Client Name Project Name : \_OHM Remediation Services: \_Defense Depot Memphis TN

ETC Order #

: \_9809-658

#### HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified

Holding Times.

#### CALIBRATION

Laboratory Control Sample : All criteria met.

#### QUALITY CONTROL

Matrix Spike

Spike Recovery : All analytes within QC limits

Method Blank

No Target Analytes detected above Detection Limit.

Laboratory Manager

#### Environmental Testing & Consulting, Inc. **Inorganic QC Data Summary**

3781478

Client Name

**OHM Remediation Services** 

Project

DDMT-Memphis, TN

ETC Order Number 9809-658

File Name

9809-658.1

#### Method Blank

	Date	Blank	
Analyte	Analyzed	Concentration mg/Kg	QC Batch
Cyanide	09/25/98	<1 00	CY092598

#### Calibration Verification (CV)

	Date	CV Conc	CV Conc	%
Analyte	Analyzed	mg/L	Found	Difference
Cyanide	09/25/98	0 200	0 209	4 50

#### **Laboratory Control Sample (LCS)**

	l	LCS Conc		%
Analyte	Analyzed	mg/Kg	Found	Recovery
Cyanide	09/25/98	20 0	19 4	97 0

#### Matrix Spike/Matrix Spike Duplicate

		Spike	Sample	MS Conc	MS	QC	
Sample ID	Analyte	mg/Kg	mg/Kg	Found	% Recovery	Limits	RPD
9809-658-01 MS	Cyanide	18 2	<1 00	16 8	92 0	68 - 114	
9809-658-01 MSD	Cyanide	18 2	<1 00	160	88 0	68 - 114	40

Environmental Testing & Consulting, Inc.

# Quality Control Reports Metals ICP/GFAA/CV

#### ENVIRONMENTAL TESTING AND COMSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781480

: \_OHM Remediation Services: \_Defense Depot Memphis TN Client Name Project Name

ETC Order # : 9809-658

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-28

Mercury V4-SO-34

Sample Analysis : All samples digested and analyzed within 180

days of collection.

Mercury Analysis : All samples analyzed within 28 days of collection.

#### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation : Thermo Jarrell Ash Enviro-I ICP

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer

Dilutions Required : No dilutions required.\*

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral

interference (I) as indicated.

Sample ID	Metal	Dilution <b>Factor</b>	Sample ID	Metal	Dilution <b>Factor</b>
9809-658-01	Aluminum	1:5(C)	9809-658-03	Iron	1:5(C)
9809-658-02	Aluminum	1:5(C)	9809-658-01	Lead	1:3(C)
9809-658-03	Aluminum	1:5(C)	9809-658-02	Lead	1:3(C)
9809-658 <b>-</b> 01	Iron	1:5(C)	9809-658-03	Lead	1:4(C)
9809-658-02	Iron	1:5(C)			

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

#### QUALITY CONTROL

#### 9809-658.MQCBLANK

Method Blank

V8-SO-28BLK - ICP/GFAA Metals V4-SO-34BLK - Mercury

Calcium identified in V8-SO-28BLK at 3.57 mg/Kg. Iron identified in V8-SO-28BLK at 1.74 mg/Kg.

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN

CASE NARRATIVE

METALS - SOIL

Client Name Project Name : \_OHM Remediation Services: \_Defense Depot Memphis TN

ETC Order #

: 9809-658

#### QUALITY CONTROL

#### 9809-658.MQCLCS

Laboratory Control Sample(s) V8-SO-28LCS - ICP/GFAA Metals V4-SO-34LCS - Mercury

All criteria met.

#### 9809-658.MQCMSMSD

Matrix Spike / Matrix Spike Dup - ICP Metals
9809-658-03 RPD : All analytes within QC limits.
RA-C-017 Spike Recovery : All analytes within QC limits.\*

Recoveries for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification :

	mg/L	mg/L	%	QA
<u>Analyte</u>	Expected	Found	Recovery	Evaluation
Antimony	0.500	0.484	97	Pass

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. Dilution Tests were performed for verification:

	No	1:5	1:25	ે	OA
<u>Analyte</u>	<u>Dilution</u>	Dilution	Dilution	Difference	Evaluation
Aluminum		13600 mg/Kg	12300 mg/Kg	10	Pass
Calcium	1680	1690		1	Pass
Iron	<b>-</b>	22000	21100	4	Pass
Manganese	629	645		3	Pass
Potassium	1060	982		7	Pass
Magnesium	2460	2490		1	Pass
Zinc	62.4	63.2		1	Pass

Refer to Laboratory Control Sample(s) for system verification.

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781482

Client Name Project Name : \_OHM Remediation Services: \_Defense Depot Memphis TN

ETC Order #

: 9809-658

#### QUALITY CONTROL

<u> Matrix Spike / Matrix Spike Dup - Graphite Metals</u>

9809-658-03 RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.\* RA-C-017

Recoveries for Lead were flagged as outside QC Limits due to the level of this analyte present in the sample relative to the spike amount. In addition, concentrations of Arsenic was high relative to the spike amount. Dilution Tests were performed for verification :

	1:4	1:20	ક	QA
Analyte	Dilution	Dilution	Difference	Evaluation
Lead	14.6 mg/Kg	15.2 mg/Kg	4	Pass

Analyte	No <b>Dilution</b>	1:5 Dilution	% Difference	QA
Anaryte	DITTOTOIL	Dilucion	Difference	Evaluation
Arsenic	9.62 mg/Kg	8.84 ma/Ka	8	Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Hg

9809-658-03 RPD : All analytes within QC limits. RA-C-017 Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

Laboratory Manager

#### SOLID METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc

Laboratory ID ICP/GFAA Metals

Laboratory ID Mercury

V8-SO-28 BLK V4-SO-34 BLK QC Batch V8-S0-28 V4-S0-34

Date Sample Prepared

09/23/98 09/24/98 ICP/GFAA Metals

Mercury

		Detection		
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	< 0.700	C.700	09/24/98	6010B
Aluminum	<4.00	4.00	09/24/98	6010B
Arsenic	< 0.200	0.200	09/24/98	7060A
Barium	< 0.200	0.200	09/24/98	6010B
Beryllium	< 0 100	0.100	09/24/98	6010B
Calcium	3 57	1.00	09/24/98	6010B
Cadmium	< 0.400	0.400	09/24/98	6010B
Cobalt	< 0.700	0.700	09/24/98	6010B
Chromium	< 0.700	0.700	09/24/98	6010B
Copper	< 0 600	0 600	09/24/98	6010B
Iron	1.74	0.700	09/24/98	6010B
Potassium	<20 0	20.0	09/24/98	6010B
Magnesium	<3.00	3 00	09/24/98	6010B
Manganese	< 0.200	0.200	09/24/98	6010B
Sodium	<20.0	20.0	09/24/98	6010B
Nickel	<1.50	1.50	09/24/98	6010B
Lead	< 0.100	0 100	09/24/98	7421
Antimony	<3.20	3.20	09/24/98	6010B
Selenium	< 0.200	0.200	09/24/98	7740
Thallium	< 0.100	0 100	09/24/98	7841
Vanadium	< 0 800	0.800	09/24/98	6010B
Zinc	<1.00	1.00	09/24/98	6010B
Mercury	< 0.020	0.020	09/24/98	7471A

#### SOLID LABORATORY CONTROL SAMPLE **METALS**

Lab Name

Environmental Testing and Consulting, Inc.

QC Batch

Laboratory Control ID

ICP/GFAA Metals V8-SO-28 LCS Mercury V4-SO-34 LCS

V8-SO-28 V4-SO-34

**Date Prepared** 

ICP/GFAA Metals 09/23/98

Mercury	09/24/98

	Spike			C	ıc
	Added	Found	% R #	Lin	nits
Metals	mg/Kg	mg/Kg			
				ŀ	
Silver	20.0	21.0	105	80	120
Aluminum	200	205	103	80	120
Arsenic	5.00	4.76	95	85	115
Barium	200	194	97	80	120
Beryllium	20.0	20.6	103	80	120
Calcium	400	426	107	80	120
Cadmium	20.0	21.4	107	80	120
Cobalt	100	101	101	80	120
Chromium	40.0	42.8	107	80	120
Copper	40 0	43.8	110	80	120
Iron	200	214	107	80	120
Potassium	400	411	103	80	120
Magnesium	400	423	106	80	120
Manganese	20 0	20.9	105	80	120
Sodium	400	433	108	80	120
Nickel	100	103	103	80	120
Lead	2 00	1.99	100	85	115
Antimony	200	209	105	80	120
Selenium	5.00	5.04	101	85	115
Thallium	2.00	1.77	89	85	115
Vanadium	100	107	107	80	120
Zinc	20.0	20.3	102	80	120
Mercury	0.167	0.164	98	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

Metals Laboratory Control Sample

9809-658.MQCLCS

Values outside of QC limits

#### SOLID MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals

9809-658-03

Laboratory ID MS Mercury

V8-SO-28 9809-658-03 V4-S0-34

Date Sample Prepared

09/23/98

ICP/GFAA Metals

QC Batch

09/24/98 Mercury

	SPIKE	SAMPLE	MS		MS			C C
	Added	Conc	Conc	RPD	%		Lır	nıts
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec	#		
Silver	21.1	ND	20.5	3	97	1	75	125
Aluminum	210	13600	13100	1	-238	*	75	125
Arsenic	5.16	9.62	16.9	8	141	*	70	130
Barium	210	117	308	3	91		75	125
Beryllium	21.1	0.542	21 7	3	100		75	125
Calcium	421	1680	2220	6	128	*	75	125
Cadmium	21.1	ND	20 7	3	90		75	125
Cobalt	105	8.75	106	5	93		75	125
Chromium	42.1	16.3	57.8	2	99		75	125
Copper	42.1	18 2	61.3	4	102		75	125
Iron	210	22000	21500	1	-238	*	75	125
Potassium	421	1060	1510	1	107		75	125
Magnesium	421	2460	2950	2	116		75	125
Manganese	21.1	629	642	5	62	*	75	125
Sodium	421	62.3	523	4	109	$\Box$	75	125
Nickel	105	17.5	118	3	96		75	125
Lead	2 06	14 6	16.5	2	92		70	130
Antimony	210	ND	0	0	0	*	75	125
Selenium	5.16	0.485	3.05	5	50	*	70	130
Thallium	2.06	0 239	1.92	0	82		70	130
Vanadium	105	24.9	122	2	93		75	125
Zinc	21.1	62.4	87.3	2	118		75	125
Mercury	0.162	0.042	0.195	7	94		75	125

Metals Matrix Spike

9809-658.MQCMSMSD

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

## SOLID MATRIX SPIKE DUPLICATE METALS

3781486

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury

9809-658-03 V8-SO-28 9809-658-03 V4-SO-34

Date Sample Prepared

09/23/98 09/24/98 ICP/GFAA Metals

Mercury

	SPIKE	SAMPLE	MSD	MSD		C
	Added	Conc	Conc	%		nits
Metals	mg/Kg	mg/Kg	mg/Kg	 Rec #	#	
Silver	21.1	ND	21.2	101	75	125
Aluminum	210	13600	13000	-286	* 75	125
Arsenic	5.06	9 62	15.6	118	70	130
Barium	210	117	317	 95	75	125
Beryllium	21.1	0.542	22.4	 104	75	125
Calcium	421	1680	2090	97	75	125
Cadmium	21.1	ND	21.4	88	75	125
Cobalt	105	8.75	111	97	75	125
Chromium	42.1	16.3	59.0	101	75	125
Copper	42.1	18.2	63.6	108	75	125
Iron	210	22000	21800	-95 <sup>†</sup>	<sup>4</sup> 75	125
Potassium	421	1060	1500	105	75	125
Magnesium	421	2460	3000	128	<sup>+</sup> 75	125
Manganese	21 1	629	678	232	75	125
Sodium	421	62.3	547	115	75	125
Nickel	105	17.5	121	99	75	125
Lead	2.02	14.6	16.8	109	70	130
Antimony	210	ND	0	0 '	* 75	125
Selenium	5.06	0.485	2.90	48	<sup>+</sup> 70	130
Thallium	2.02	0.239	1 92	 83	70	130
Vanadium	105	24.9	125	95	75	125
Zinc	21.1	62 4	89 5	128	75	125
Mercury	0 151	0.042	0 182	93	75	125

Metals Matrix Spike Duplicate

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN

CASE NARRATIVE

GC/MS POLYNUCLEAR AROMATIC HYDROCARBONS - SOIL

\_OHM Remediation Services Client Name : \_OHM Remediation Services : \_Defense Depot Memphis TN Project Name

: \_9809-658 : \_8270C/3550B ETC Order # Method (SW-846)

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

<u>QC Batch</u> Form 4 Summary P04038 P04038LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for Nitrobenzene-d5 and 2-Fluorobiphenyl were flagged for high recovery in sample 9809-658-02(RA-C-016) and Blank Spike P04038BS associated with this project. Surrogate recovery for 2-Fluorobiphenyl was flagged for high recovery in Method Blank P04038LB. Review of the raw data showed no obvious matrix interference. These samples were re-analyzed for verification with similar recoveries.

#### Laboratory Control Sample FORM 3 P04038BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.\* 9809-658-01 RA-C-015

Recoveries for multiple analytes were flagged outside QC Limits in the Matrix Spike Duplicate. MS recoveries were within QC Limits.

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4 P04038LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune Initial Calibration : All criteria met. FORM 5 : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7\*

Calibration Verification(CV) : Date 09/23/98 Time: 1632 nse

Analyte	%Diff(30% Max)	Respon
Benzoic Acid	55.6	High
4-Nitroaniline	39.6	High
4-Nitrophenol	30.4	High

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS POLYNUCLEAR AROMATIC HYDROCARBONS - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-658 Method (SW-846) : \_8270C/3550B

#### CALIBRATION

High responses indicate that reported levels for these analytes may be biased high. These analytes were not Target Analytes associated with this project. The data was not affected.

<u>Calibration Verific</u>	ation(CV) : Date	09/24/98	Time:	1213
Analyte	%Diff(30% Max)	Response		
2,4-Dinitrophenol	32.8	High		
4-Nitroaniline	51.8	High		
4-Nitrophenol	42.8	Hiqh		

High responses indicate that reported levels for these analytes may be biased high. These analytes were not Target Analytes associated with this project. The data was not affected.

<u>Semi-Volatile Internal Standard Area and RT FORM 8</u>
Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD

Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-658

Level: (low/med) LOW

	CLIENT	S1	S2	S3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(NBZ)#	(FBP)#	(TPH)#	#	#	#	#	#	OUT
		=====	=====	=====	=====	=====	======	=====	==== <u>"</u>	===
01	P04038LB	78	85*	87		f	•	ŀ	1 .	1
02	P04038BS	87*	101*	91						1 2
03	9809-658-1	69	74	71						0
04	9809-658-2	*08	85*	84						0 2
05	9809-658-3	74	83	78				]		0
06	9809-658-1M	73	79	77						0
07	9809-658-1S	69	73	69						0
08	P04038LB	77	86*	76						1
09	P04038BS	86*	98*	83						1 2
10	9809-658-2	78	86*	78						1
11 12	·									
12										
13										
14										
15 16										
16										
17										
18										
19										
20										
21 22										
22										
23										
24										
24 25 26 27 28										
26										
2/										
28				[			<del></del>			
29										
30										

S1 (NBZ) = Nitrobenzene-d5 (39-80) S2 (FBP) = 2-Fluorobiphenyl (43-84) S3 (TPH) = Terphenyl-d14 (40-121)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits

D Surrogate diluted out

page 1 of 1

FORM II BNA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: P04038

Lab File ID: 0301003

Matrix: (soil/water) SOIL

Level: (low/med) LOW

P04038LB

SDG No.: 9809-658

Instrument ID: BNA2

Date Analyzed: 09/23/98

Time Analyzed: 1703

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

		<del>                                     </del>		
	SAMPLE NO.	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	P04038BS		0401004	=======
02			0501005	09/23/98
03	9809-658-2		0601006	09/23/98
04		!	0701007	09/23/98
05			0801008	09/23/98
06	9809-658-1S		0901009	09/23/98
07	P04038BS		0401007	09/23/98 09/24/98
08	9809-658-2		0501008	09/24/98
09			3001300	05/24/96
10				
11				
12				
13				
14				
15				
16				
17				
18 19				
20				
21	<del></del>			
22				
23				
24		<del></del>		
25				
26		<del></del>		
27				
28				
29				
30	<del></del>	<del></del>		
1	<del></del>	t		

COMMENTS:			
	 	<del></del>	 <del></del>

page 1 of 1

FORM IV BNA-GCMS

### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

P04038LB

Lab Name: ETC, INC.

SDG No.: 9809-658

Matrix: (soil/water) SOIL Lab Prep Batch: P04038

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0301003

Level: (low/med) LOW Date Received: \_\_\_\_

Concentrated Extract Volume: 1(mL) Date Analyzed: 09/23/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

		CONCENTR		• •	_
CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
	Acenaphthene			66.7	U
	Acenaphthyler	ie		66.7	_
	Anthracene			66.7	
	Benzo(a)Anthr			66.7	
	Benzo(b)fluor			66.7	_
	Benzo(k) fluor			66.7	_
	Benzo(g,h,i)p			66.7	
	Benzo(a)pyren	e		66.7	U
	Chrysene			66.7	U
53-70-3	Dibenzo(a,h)a	inthracene		66.7	IJ
206-44-0	Fluoranthene_			66.7	Ū
	Fluorene			66.7	U
193-39-5	Indeno(1 <u>,2,3-</u>	cd)pyrene		66.7	U
91-57-6	2-Methylnapht	halene		66.7	บ
91-20-3	Naphthalene			66.7	U
85-01-8	Phenanthrene			66.7	U
129-00-0	Pyrene			66.7	U

FORM I BNA-GCMS

#### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

3781493

Lab Name: ETC, INC.

Lab Prep Batch: P04038

SDG No.: 9809-658

Matrix Spike - Sample No.: P04038BS

Level:(low/med) LOW

Archaphthylene Anthracene Benzo(a) Anthracene Benzo(b) fluoranthene Benzo(k) fluoranthene Benzo(g,h,i) perylene Benzo(a) pyrene Chrysene Dibenzo(a,h) anthracene Fluoranthene Fluorene Indeno(1,2,3-cd) pyrene Naphthalene  1670 1670 1670 1680 1680 160 98 67-12 1680 1830 110 75-13 1670 1670 1670 1670 1670 1670 1670 1670	COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenanthrene 1670   1370   82   62-11   1500   90   66-12	Acenaphthylene Anthracene Benzo(a)Anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene	1670 1670 1670 1670 1670 1670 1670 1670		1660 1310 1680 1640 1830 1500 1610 1590 1480 1470 1530 1400 1370	99 78 100 98 110 90 96 95 89 88	34-126 62-123 68-124 60-133 67-126 75-131 53-137 68-129 67-131 51-138 71-132 65-126 34-170 62-113

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 16 outside limits

COMMENTS	:
----------	---

page 1 of 1

FORM III BNA-GCMS

#### FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04038

SDG No.: 9809-658

Matrix Spike - Sample No.: 9809-658-1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Acenaphthene	1650	0.00	1230	74	34-126
Acenaphthylene	1650	0.00	1300	79	62-123
Anthracene	1650	0.00	1180	72	68-124
Benzo(a)Anthracene	1650	0.00	1410	85	60-133
Benzo(b)fluoranthene	1650	0.00	1400	85	67-126
Benzo(k)fluoranthene	1650	0.00	1470	89	75-131
Benzo(g,h,i)perylene	1650	0.00	1230	74	53-137
Benzo(a)pyrene	1650	0.00	1400	85	68-129
Chrysene	1650	0.00	1340	81	67-131
Dibenzo(a,h)anthracene	1650	0.00	1270	77	51-138
Fluoranthene	1650	0.00	1270	77	71-132
Fluorene	1650	0.00	1260	76	65-126
Indeno(1,2,3-cd)pyrene	1650	0.00	1190	72	34-170
Naphthalene	1650	0.00	1110	67	62-113
Phenanthrene	1650	0.00	1230	74	66-128
Pyrene	1650	0.00	1290	78	33-155

#	Column	to be	used	to	flag	recovery	and	RPD	values	with	an	asteris	ζ

COMMENTS:	

page 1 of 2

FORM III BNA-GCMS

<sup>\*</sup> Values outside of QC limits

#### FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04038

SDG No.: 9809-658

Matrix Spike - Sample No.: 9809-658-1 Level: (low/med) LOW

Acenaphthylene Anthracene 1660 1240 75 5 20 62-123 1660 982 59* 20 68-124 1240 75 12 20 60-133 15 20 67-126 125 12 20 60-133 15 20 67-126 125 12 12 125 125 125 125 125 125 125 1	COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #		IMITS REC.
Phenanthrene 1660 1030 62* 18 20 66-128	Acenaphthylene Anthracene Benzo(a)Anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene	1660 1660 1660 1660 1660 1660 1660 1660	1240 982 1240 1220 1280 1070 1220 1150 1100 1160 1090 1040 1050 1030	75 59* 75 73 77 64 73 69 66 70* 66 63 63 62*	5 20 12 15 14 15 16 15 10 14 13 6 18	20 20 20 20 20 20 20 20 20 20 20 20	34-126 62-123 68-124 60-133 67-126 75-131 53-137 68-129 67-131 51-138 71-138 71-138 34-170 62-113 66-128 33-155

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 16 outside limits Spike Recovery: 3 out of 32 outside limits

CON	MEN	TS:
-----	-----	-----

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC** Pesticides

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services: \_Defense Depot Memphis TN Project Name

ETC Order # : \_9809-658 : \_8081A/3550B Method (SW-846)

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

QC Batch Form 4 Summary P06020 P06020LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for Decachlorobiphenyl were flagged as outside QC Limits in samples 9809-658-01MS/MSD(RA-C-015). Review of the raw data showed no obvious matrix interference. Surrogate recoveries for Tetrachloro-m-xylene were within QC Limits.

#### Laboratory Control Sample FORM 3 P06020BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3 9809-658-01

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits. RA-C-015

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4 P06020LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6\* Calibration Verification : All criteria met. FORM 7\*\*
: All criteria met. FORM 7A\*\*\* Endrin/Breakdown

Initial Calibration(ICAL) : Date 09/28/98 Time 15:40 (Confirmation) Analyte %RSD(Linear >/=0.990) Curve alpha-BHC 0.981 Linear delta-BHC 0.980 Linear 4,4'-DDT 0.977 Linear Endosulfan sulfate 0.978 Linear Methoxychlor

0.975

Analyte %RSD(Average</=20.0) Curve Endrin ketone 25.0 Average

Linear

#### ENVIRONMENTAL TESTING AND CONSULTING, INC. .

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

3781498

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-658 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

Low responses indicate that reported levels for these analytes may be biased low. High responses indicate that reported levels for these analytes may be biased high. Results were reported from the primary analysis. The data was not affected.

## Calibration Verification(CV): P109281A.24R (Primary) Analyte %Diff(15% Max) Response

Analyce	SDILL(IDS Max)	respo
4,4'-DDT	38.6	Low
Endrin	17.2	Low
Methoxychlor	32.4	Low
Decachlorobiphenyl	20.0	Low

Low responses indicate that reported levels for these analytes may be biased low. Recoveries for these analytes in the Blank Spike P06020BS were within QC Limits. Surrogate recoveries for Tetrachloro-m-xylene were within QC Limits for all samples associated with this project. The data was not affected.

## Calibration Verification(CV):P109281A.25R (Primary)Analyte%Diff(15% Max)Response4,4'-DDT29.8LowMethoxychlor29.2Low

Low responses indicate that reported levels for these analytes may be biased low. Recoveries for these analytes in the Blank Spike P06020BS were within QC Limits. The data was not affected.

## Calibration Verification(CV): P109281B.24R (Confirmation) Analyte %Diff(15% Max) Response 4.4'-DDT 40.0 Low

4,4'-DDT	40.0	Low
Endrin aldehyde	29.5	High
Endrin ketone	39.5	High
Heptachlor	26.0	High
Methoxychlor	31.5	Low
Decachlorobiphenyl	20.5	Low

Low responses indicate that reported levels for these analytes may be biased low. High responses indicate that reported levels for these analytes may be biased high. Results were reported from the primary analysis. The data was not affected.

#### Calibration Verification(CV): P109281B.25R (Confirmation)

Analyte	%Diff(15% Max)	Response	
4,4'-DDT	36.5	Low	
Endrin	24.0	Low	
Endrin aldehyde	28.0	High	
Endrin ketone	41.5	High	
Heptachlor	24.0	High	
Methoxychlor	27.0	Low	ივიი49
Decachĺorobiphenyl	20.5	Low	.0000

. - 1

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-658 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

\*\*

Low responses indicate that reported levels for these analytes may be biased low. High responses indicate that reported levels for these analytes may be biased high. Results were reported from the primary analysis. The data was not affected.

\*\*\*

PEM Verification: P309251A.01R (Primary)

Analyte %Breakdown(15% Max)

4,4-DDT 20.37

DDT in breakdown for this sequence was noted at 20.37% for the primary analysis in which the final results were reported. DDT was not identified in samples associated with this project. The data was not affected.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

#### FORM 2 SOIL PESTICIDE SURROGATE RECOVERY

3781500

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-658

Level: (low/med) LOW

	EPA GC	S1	S2	<b>S</b> 3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	#	#	#	#	#	OUT
01	P06020LB	57	82							0
02	9809-658-1	79	86			[				0
03	9809-658-2	61	75							0
04	9809-658-3	62	86							0
05	P06020BS	61	75							0
06 07	9809-658-1M 9809-658-1S	67 68	50* 46*	<u> </u>						1
08	3003-030-13	06	40.							-
09										
10								·		
11										
12		·								
13						i				
14 15 16										
16		<del></del>					I			
17										
18										
18 19 20										
20										
21 22 23 24 25 26 27										li
22										
23		·								
25							. <del></del> 1			
26		<del></del>				i			<del></del>	
27	<del></del>									
28										
29										
30										

QC LIMITS

S1 (TMX) = Tetrachloro-m-xylene
S2 (DBC) = Decachlorobiphenyl (39-130) (64-154)

- # Column to be used to flag recovery values
  \* Values outside of contract required QC limits
- D Surrogate diluted out

P06020LB

Lab Name: ETC, INC.

Lab Prep Batch: P06020

Lab File ID: P309251A-10R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9809-658

Instrument ID: PEST3A

Date Analyzed: 09/25/98

Time Analyzed: 2001

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	9809-658-1		P309251A-12R	09/25/98
02	9809-658-2		P309251A-13R	09/25/98
03 04	9809-658-3 P06020BS		P309251A-14R	09/25/98
05	9809-658-1M		P109281A-12R P109281A-22R	09/28/98
06	9809-658-1S		P109281A-22R	09/29/98 09/29/98
07			1105201R 23R	09/29/98
80				
09 10				
11				
12				i
13				
14				
15 16				
17				
18				
19				
20				
21 22				
23				
24		<del></del>		
25				! <del></del>
26				
27				
28 29				
30		<del></del>		
;				

COMMENTS:					
	 1	 <del>-</del> . <u>-</u>	···		 <del></del> ·
	 <del></del>				 ··

page 1 of 1

FORM IV PESTICIDE

## FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

P06020LB

Lab Name: ETC, INC. SDG No.: 9809-658

Matrix: (soil/water) SOIL Lab Prep Batch: P06020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P309251A-10R

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 09/25/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

	CONCENTRATION UNITS:	
CAS NO. COMPOUND	(ug/L or ug/Kg) UG/K	KG Q
309-00-2Aldrin	1.	33333 U
319-84-6alpha-BHC	1.	33333 U
319-85-7beta-BHC	1.	33333 U
319-86-8delta-BHC	1.	33333 U
58-89-9gamma-BHC (Li	ndane) 1.	33333 U
5103-71-9alpha-chlorda	ne 1.	33333 U
5103-74-2gamma-chlorda	ne 1.	33333 U
72-54-84,4'-DDD	1.	33333 U
72-55-94,4'-DDE	1.	33333 U
50-29-34,4'-DDT	1.	33333 U
60-57-1Dieldrin	1.	33333 U
959-98-8Endosulfan I		33333 U
33213-65-9Endosulfan II		33333 U
1031-07-8Endosulfan su	lfate1.	33333 U
72-20-8Endrin		33333 U
7421-93-4Endrin aldehy		33333 U
53494-70-5Endrin Ketone		33333 U
76-44-8Heptachlor		33333 U
1024-57-3Heptachlor ep		33333 U
72-43-5Methoxychlor	1.	33333 U

FORM I PESTICIDE

## FORM 3 SOIL PESTICIDE LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06020

SDG No.: 9809-658

Matrix Spike - Sample No.: P06020BS Level: (low/med) LOW

	SPIKE	CAMPIE			
}	ADDED	SAMPLE	LCS	LCS	QC.
COMPOUND		CONCENTRATION	CONCENTRATION	8	LIMITS
====================================	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aldrin	22 2222		==========	=====	======
alpha-BHC	33.33333		22.18085	66	31-111
beta-BHC	33.33333		21.58782	65	22-112
	33.33333		25.66945	77	54-120
delta-BHC	33.33333		25.05808	75	10- 96
gamma-BHC (Lindane)	33.33333	i	23.56931	71	26-113
alpha-chlordane	33.33333		26.30660	79	49-103
gamma-chlordane	33.33333		25.99169	78	50-106
4,4'-DDD	33.33333		29.83894	90	47-112
4,4'-DDE	33.33333		26.40523	79	36-117
4,4'-DDT	33.33333		36.93027	111	49-124
Dieldrin	33.33333		25.95561	78	44-108
Endosulfan I	33.33333		24.98518	75	49-103
Endosulfan II	33.33333		28.61256	86	53-115
Endosulfan sulfate	33.33333	į	29.07345	87	51-110
Endrin	33.33333		26.46979	79	44-118
Endrin aldehyde	33.33333	•	29.14481	87	48-128
Endrin Ketone	33.33333		30.37010	91	38-130
Heptachlor	33.33333		24.28919	73	47-113
Heptachlor epoxide	33.33333		26.17447	73 78	
Methoxychlor	33.33333	i	29.84320	1	47-112
2			29.04320	90	39-147
				l	

#	Column	to be used	to	flag recovery and RPD values with an asterisk
*	Values	outside of	QC	limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 20 outside limits

COMMENTS:	

page 1 of 1

FORM III PESTICIDE

## FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06020

SDG No.: 9809-658

Matrix Spike - Sample No.: 9809-658-1 Level: (low/med) LOW

	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	ક	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
	:   =======		=======================================	=====	=====
Aldrin	32.36246	0.00000	22.06717	68	31-111
alpha-BHC	32.36246	0.00000	22.76013	70	22-112
beta-BHC	32.36246	0.00000	28.34404	88	54-120
delta-BHC	32.36246	0.00000	18.88609	58	10- 96
gamma-BHC (Lindane)	32.36246	0.00000	25.74768	80	26-113
alpha-chlordane	32.36246	0.00000	26.63396	82	49-103
gamma-chlordane	32.36246	0.00000	25.90754	80	50-106
4,4'-DDD	32.36246	0.00000	30.96147	96	47-112
4,4'-DDE	32.36246	0.42037	26.36251	80	36-117
4,4'-DDT	32.36246	0.00000	30.29175	94	49-124
Dieldrin	32.36246	1.79418	28.11836	81	44-108
Endosulfan I	32.36246	0.00000	24.92623	77	49-103
Endosulfan II	32.36246	0.00000	27.70316	86	53-115
Endosulfan sulfate	32.36246	0.00000	27.65404	85	51-110
Endrin	32.36246	0.00000	27.70424	86	44-118
Endrin aldehyde	32.36246	0.00000	30.09968	93	48-128
Endrin Ketone	32.36246	0.00000	30.89566	95	38-130
Heptachlor	32.36246	0.00000	26.49880	82	47-113
Heptachlor epoxide	32.36246	0.00000	25.71393	79	47-112
Methoxychlor	32.36246	0.00000	19.23905	59	39-147
	.			l	

#	Column	to be	e u	sed	to	flag	recovery	and	RPD	values	with	an	asterisk
*	Values	outsi	lde	of	QC	limi	ts						

COMMENTS:	

page 1 of 2

FORM III PESTICIDE

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06020

SDG No.: 9809-658

Matrix Spike - Sample No.: 9809-658-1 Level:(low/med) Low

	SPIKE	MSD	MSD	·	,	
	ADDED	CONCENTRATION		۱ .		
COMPOUND	(ug/Kg)		- % - DEC #	8 7777 #		IMITS
=======================================	(ug/xg)	(ug/Kg)	REC #	RPD #	RPD	REC.
Aldrin	32.67973	23.48413	=====	=====	=====	=====
alpha-BHC	32.67973		72	6	20	31-111
beta-BHC		24.62469	75	7	20	22-112
delta-BHC	32.67973	29.28926	90	2	20	54-120
	32.67973	20.57197	63	8	20	10- 96
gamma-BHC (Lindane)	32.67973	27.40133	84	5	20	26-113
alpha-chlordane	32.67973	26.95994	82	0	20	49-103
gamma-chlordane	32.67973	26.89493	82	2	20	50-106
4,4'-DDD	32.67973	30.99947	95	1	20	47-112
4,4'-DDE	32.67973	26.90238	81	1	20	36-117
4,4'-DDT	32.67973	32.53512	100	6	20	49-124
Dieldrin	32.67973	29.05355	83	2	20	44-108
Endosulfan I	32.67973	26.39738	81	5	20	49-103
Endosulfan II	32.67973	28.85489	88	2	20	53-115
Endosulfan sulfate	32.67973	27.27771	83	2	20	51-110
Endrin	32.67973	27.36301	84	2	20	44-118
Endrin aldehyde	32.67973	30.75289	94	í	20	
Endrin Ketone	32.67973	31.79255	97	2		48-128
Heptachlor	32.67973	27.94931	86	5	20	38-130
Heptachlor epoxide	32.67973	27.59152	84		20	47-113
Methoxychlor	32.67973			6	20	47-112
	32.07973	21.60973	66	11	20	39-147
	l	· · · · · · · · · · · · · · · · · · ·		I		

#	Column	to be used	to	flag recovery and RPD values with an asterisk
*	Values	outside of	QC	limits

RPD: 0 out of 20 outside limits Spike Recovery: 0 out of 40 outside limits

COMMENTS:	

Environmental Testing & Consulting, Inc.

**Quality Control Reports GC PCBs** 

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBs - SOIL

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-658 Method (SW-846) : \_8082/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06020 P06020LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 P06020BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9809-658-01 RPD: All analytes within QC limits. RA-C-015 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06020LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract: .

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-658

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S4 #	S5 #	S6 #	S7 #	S8 #	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	/   <del></del>	`  <u></u>	#		=====	======	===
01	P06020LB	55	86			ĺ				0
02	P06020BS	60	81							ol
03	9809-658-1	66	74							0
04	9809-658-2	50	69	-						0
05	9809-658-3	59	90			i			<u> </u>	0
06	9809-658-1M	76	81		-i <i>-</i>					0
07	9809-658-1S	67	79		_					0
08 09		<del></del>								
10					-	<u> </u>			<del></del>	
11					-				<del></del>	
13					-			<del></del>		
14					-				-	
15										
16										
17										
18					.					l —— l
19 20					-	l				
21	·					<b> </b>				
27					·					
23					·					
24										
22 23 24 25					-					
26										
27										
28					.	l				ll

QC LIMITS S1 (TMX) = Tetrachloro-m-xylene S2 (DBC) = Decachlorobiphenyl (39-130) (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PCB

3781509

Lab Name: ETC, INC.

Lab Prep Batch: P06020

Lab File ID: C209241A-11R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

P06020LB

SDG No.: 9809-658

Instrument ID: PEST2A

Date Analyzed: 09/25/98

Time Analyzed: 0059

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

LAB   SAMPLE ID		EPA GC	LAB	LAB	D3000
01 P06020BS 9809-658-1					
02		==========	=======================================	=========	ANALYZED
02	01	P06020BS	1	C209241A=12B	00/25/00
03 9809-658-2 9809-658-3 09/28/98 09/28/98 06 9809-658-1S C209281A-05R C209281A-07R C209281A-08R O9/28/98 09/28	02				09/23/98
05 9809-658-1M 9809-658-1M 9809-658-1S					09/20/90
05 9809-658-1M 09/28/98 09/28/	04	9809-658-3		C209281A-06P	
06	05	9809-658-1M			09/28/98
08 09 10 11 11 12 13 14 15 16 17 18 19 20 21 21 22 23 24 24 25 26 27 29		9809-658-1S			09/28/98
09					05/20/50
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29					
11					
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29					
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29					
14					
15 16 17 18 19 20 21 22 23 24 25 26 27 29		<del></del>			
16 17 18 19 20 21 22 23 24 25 26 27 29					
17 18 19 20 21 22 23 24 25 26 27 29		<del></del>			
18 19 20 21 22 23 24 25 26 27 29					
19 20 21 22 23 24 25 26 27 29					
20 21 22 23 24 25 26 27 29					
21 22 23 24 25 26 27 29					
22 23 24 25 26 27 29					
23 24 25 26 27 29		<u></u>			
25 26 27 29	23				<del></del>
26 27 29				<del></del>	
27 29	25			· · · · · · · · · · · · · · · · · · ·	
29					
					<del></del>
30					
	30				

COMMENTS:			
	 	<del></del>	 <del></del>
	 <u> </u>		 

page 1 of 1

FORM IV PCB

P06020LB

## FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

Lab Name: ETC, INC. SDG No.: 9809-658

Lab Prep Batch: P06020

Matrix: (soil/water) SOIL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C209241A-11R

Date Received: \_\_\_\_\_ Level: (low/med) LOW

Concentrated Extract Volume: 10(mL) Date Analyzed: 09/25/98

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug)		Q
	Aroclor 1016		16.67	U
	Aroclor 1221		16.67	-
	Aroclor 1232		16.67	-
	Aroclor 1242		16.67	l -
	Aroclor 1254 Aroclor 1260		16.67 16.67	1 -
	Aroclor 1260		16.67	I -

3781511

# FORM 3 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06020

SDG No.: 9809-658

Matrix Spike - Sample No.: P06020BS

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		243.2	73	25-125
Aroclor 1260	333.3		256.9	77	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 2 outside limits

**COMMENTS:** 

FORM III PCB

Lab Name: ETC, INC.

Lab Prep Batch: P06020.

SDG No.: 9809-658

Matrix Spike - Sample No.: 9809-658-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242 Aroclor 1260	325.7 325.7	0.000	246.4 264.8		25-125 25-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg) .	MSD % REC #	% RPD #		IMITS REC.
Aroclor 1242	324.7	217.0	67	12	20	25-125
Aroclor 1260	324.7	257.3	79	2	20	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

CO	202	1733	TIT	~	_
	IAI IA	ır.r	4.1.		•

# COMPOSITE CONFIRMATION SAMPLE COLLECTED FOLLOWING EXCAVATION IN AREA C Date Collected 09/29/98

RA-C-018 (Composite of Grids C6, C7, C8 & C9) RA-C-EQ-006-CS (Equip. Blank)

# ENVIRONMENTAL TESTING & CONSULTING, INC.



2924 Walnut Grove Road • Memphis, TN 38111 • (901) 327-2750 • FAX (901) 327-6334

Founded 1972

October 1, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9809902 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV

Chief Executive Officer

rt

Attachment

OHM DDMT

# Chemical Analytical Data Review/Evaluation/Validation

<i>SOUTHERN</i>	77771
3UUIRERY	K C. ( #/( #. Y )

Report Type [ ] Preliminary [ Final Date Received	P	roject Numbe	r <u>20</u>	<u> 560</u>
Project Name. Dim T Analysis/Method	TCL	Pest 10	CBS TA	6 metals
Laboratory: ETC	CN / Lab Project/0	PA 11-5 · Case Number:	9809	7902
Sample Number(s): RA-C-018, RA-C-EQ-006	-ن			,
Evaluated By: 5 faso-jupe.	Date Evaluat	ed: <u> </u>	1/99	
Data Package Deliverables Requirement: [ ] OHM Minimum [ M OH	M Standard	[ ] OH	M Maximun	1
[ ] Other, please describe		· · · · · · · · · · · · · · · · · · ·		
Quality Control Deliverables	Required	Received	Passed	Failed
PQL, MDL, RL, etc meets DQOs	<del>' '</del>	<del> </del>	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	1
Comment:	<del></del>	·	·	
Holding Tunes			<u> </u>	<del>7</del>
Comment:			·	· ———
Sample Condition (preservatives, containers, temperature, etc) / Case Narrative	X	Τ		
Comment:	1	<del></del>	L	
Surrogate Recoveries	Т <b>х</b>	1		
Comment out for BNA and Pest . matrix interest		lemonst 1	ated.	21/2
aliepta b/e.				
Lab Control Sample Recoveries	X	<u> </u>	<u> </u>	
Comment:				
Lab Control Sample Duplicate or Other Spike Recoveries	Т х	<u> </u>		<del>                                     </del>
Comment:	,	<del></del>		<u> </u>
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD	Х	1		
Comment:			<del>!</del>	
Matrix Spike Recoveries	X	T		T
Comment: out for BNA, Pest, PCBs. LCS UK.	Date	accept	ed.	'
Matrix Spike Duplicate Recoveries	X	1	1	•
Comment see note in ms Recoveries		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Matrix Spike / Matrix Spike Duplicate RPD	X	1	4	Τ
Comment: See note in ms Recoveries	•	······································		· · · · · · · · · · · · · · · · · · ·
Laboratory Blanks (daily, method, instrument)	X	<u> </u>		
Comment:			<del></del>	
**************************************				
Field Blanks (trip, eqpt rinsate, ambient, matrix)	l x	T	1	

Quality Control Deliverables			Required	Received	Passed	Failed
Field Duplicates RPD			Х		T	- 4
Comment.		· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>	<del> </del>	
Second Source Check	<del>-</del>	<del>-</del> "	-			
Comment:		· <del>-</del>		<u> </u>	<u> </u>	
S.,						
Second Column Confirmation			1		×	_
Comment:				<u> </u>	L	
Percent Moisture/Solids					<u> </u>	<del> </del>
Comment:			<u>.                                      </u>			
Initial / Continuing Calibrations		- <u>-</u> -				
	,					
Comment: Out too BNA, Pestici	des A.	ssociat	ed res	41日	9790	15
Internal Standard Areas and Retention Times (Organic	s Only)		احت	7		
Comment:			<u> </u>		-	
Chromatograms						
Comment:			_/		سسب	
						-
Sample Prep Worksheets	· · · · · · · · · · · · · · · · · · ·		ا بر		1 -	
Comment:						
law Data Calculations						
Comment:	DV.					
Comment:						
Laboratory Duplicates Comment:						T
.onment:						
nstrument Performance Checks (Organics Only)		<del></del>				
Comment:					2	
entatively Identified Compounds (TICs)						T
Comment:					<del></del>	<u> </u>
Completeness	# Samples	# Analyses	Tot#	Tot # Accept A	nelvee	% Complete
ompleteness = (Tot # Analyses / Tot # Accepted Analyses) x 100			Analyses		and you.	% Complete
eneral Comments:	<u>_</u>	1 5	10	10		100
		·			<del></del>	
ummary: [ ] See attached pages		,			•	
Results Haggel I for	547 mg.	ute r	coven	B doc	l (0	ntinuys
Results flagged I for culibration Data accepted	05	2420A	<u>cd</u>			
heck Applicable: [ ] Lab contactedCorrective						
[ ] Corrective actions receiv	ed and accept		te Contacted: te Received/			
[ ] The data, as reported by	the laboratory	. are accental	nie.			
The data, with qualifiers	as described i	in the "Summ	ary" portion (	of this report.	are accen	table
1 1 the data are unacceptable	C.		, F		receh	mull.
[ ] Other		<del></del>	·			
S Pasaujano				2/4/		
Evaluator's Signature		•			/ -/	
				L) z	116	

# **Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting**

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report.

Q	Surrogate Recovery Outside QC Limits		
J Estimated Value. Presence of the compound was confirmed but less than the			
	reported detection limit.		
E	Concentration exceeds the established method calibration range but is within		
	the working range of the instrument.		
В	Analyte detected in the associated Method Blank		
U	Reported result was unconfirmed. Refer to Case Narrative.		
N	Non-Compliance Report associated with this sample or project.		
C	Result reported from GC/MS confirmation analysis.		
NC	Result reported from Primary Column. Result did not confirm.		
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)		

3781518

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ANALYTICAL SUMMARY TABLE

Client Name

OHM Remediation Services

Site ID

DDMT

Memphis, TN

ETC				
Sample ID	Field ID	Matrix	Method	Method Description
	<del></del>		-1001104	Method Description
980990201	RA-C-018	SOIL	6010B	Silver
980990201	RA-C-018	SOIL	6010B	Aluminum
980990201	RA-C-018	SOIL	7060A	Arsenic
980990201	RA-C-018	SOIL	8270C	GC/MS PAH
980990201	RA-C-018	SOIL	6010B	Barium
980990201	RA-C-018	SOIL	6010B	Beryllium
980990201	RA-C-018	SOIL	6010B	Calcium
980990201	RA-C-018	SOIL	6010B	Cadmium
980990201	RA-C-018	SOIL	9010A	Cyanide
980990201	RA-C-018	SOIL	6010B	Cobalt
980990201	RA-C-018	SOIL	6010B	
980990201	RA-C-018	SOIL		Chromium
980990201	RA-C-018	SOIL	6010B	Copper
980990201	RA-C-018	SOIL	6010B	Iron
980990201	RA-C-018	SOIL	7471A	Mercury
980990201	RA-C-018		6010B	Potassium
980990201	RA-C-018	SOIL	6010B	Magnesium
980990201	RA-C-018	SOIL	6010B	Manganese
980990201	RA-C-018	SOIL	6010B	Sodium
980990201	RA-C-018	SOIL	6010B	Nickel
980990201	RA-C-018	SOIL	8081A	Organochlorine Pesticides
980990201	RA-C-018	SOIL	7421	Lead
980990201	RA-C-018	SOIL	8082	PCBs
980990201		SOIL	6010B	Antimony
980990201	RA-C-018	SOIL	7740	Selenium
980990201	RA-C-018	SOIL	7841	Thallium
980990201	RA-C-018 RA-C-018	SOIL	6010B	Vanadium
300330201	RA-C-018	SOIL	6010B	Zinc
980990202	RA-C-EQ-006-CS	ACITECITO	6010D	Gilman
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Silver
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Aluminum
980990202	RA-C-EQ-006-CS	AQUEOUS	7060A	Arsenic
980990202	RA-C-EQ-006-CS	AQUEOUS	8270C	GC/MS PAH
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Barium
980990202		AQUEOUS	6010B	Beryllium
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Calcium
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Cadmium
980990202	RA-C-EQ-006-CS	AQUEOUS	9010A	Cyanide
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Cobalt
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Chromium
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Copper
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Iron
980990202	RA-C-EQ-006-CS	AQUEOUS	7470A	Mercury
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Potassium
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Magnesium
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Manganese
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Sodium
	RA-C-EQ-006-CS	AQUEOUS	6010B	Nickel
980990202	RA-C-EQ-006-CS	AQUEOUS	8081A	Organochlorine Pesticides
980990202 980990202	RA-C-EQ-006-CS RA-C-EO-006-CS	AQUEOUS	7421	Lead
980990202	- <del></del>	AQUEOUS	8082	PCBs
980990202	RA-C-EQ-006-CS	AQUEOUS	6010B	Antimony
980990202	RA-C-EQ-006-CS	AQUEOUS	7740	Selenium
980990202	RA-C-EQ-006-CS	AQUEOUS	7841	Thallium
980990202	RA-C-EQ-006-CS RA-C-EO-006-CS	AQUEOUS	6010B	Vanadıum
JUJJUZUZ	ici C By 000-CB	AQUEOUS	6010B	Zinc

# Login Chain-of-Custody

3781520 \$00\$000

r i

LABORATORY COPY 218025

OHM Remediation Services Corp Subsidiary of OHM Corporation U.S. Route 224 East • Findiay, Otto 45840 • (419) 423-3526

# CHAIN-OF-CUSTODY RECORD

0.3. AUMIE 2.24 Edsi	4 East Finaidy, Onto 45640	(419) 423-3526			
OHM 5 LAB COORDINATOR	LAB COORDINATOR, S PHONE	LAB COORDINATOR S FAX	LABORATORN SERVICE ID	LABORATORY CONTACT	FORM 0019 REV 2-92
Elena Rodriguez	770-734-8060	770-453-7716	ETC	Nathan Pera	
PROJECT NAME	PROJECT LOCATION	PROJECT NUMBLR	LABORATORY PHONE	LABORATORY FAX	RECEIPTION SERVICES COLD
DDMT mooting contract	Memohis TN	20560	901-327-2750	901-327-6334	Elena Rodriguez
PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS		ADDRESS
Stave Offner	901-743-1117	901-743-1048	2924 Walnut Grove Road	Road	  5445 Triangle Pkwv #400
PROJECT ADDRESS	CITY STATE AND ZIPCODE	CLIENT	CITY STATE AND ZIPCODE	•	1
1708 Dunn Ave.	Memphis, TN 38114	USACE	Memphis TN 38111	C . Mark	Norcross CA 30092
PROJECT MANAGER	PROJECT MANAGER S PHONE	PROJECT MANAGER S FAY	Jen's	10 / 10 / Co. 1	4
Steve Offner	770-326-2571	770-453-7716	\~		7
Sample Identifier	SIE TINEN	Second Sino to Bord Series	STEEL STEEL		
PA-C-OF					Comments
1 1 1 1 1 1	50,19/2/180730	474	イイン		Please fax results on DUE DATE to
2 RA-C-FO-006-C>	21161846/ 14.911		7 //	\rangle \rangl	Silk and to Lab Coordinator
3					
4					
F					
9		,			
7					
8					
6					
10					
SAMPLES COLLECTED BY S' 6/2014	COURLER AND AIR	Dilpicked IN	PERSON	COOLER	COOLER TEMPERATURE UPON RECEIPT
RELINQUISHED BY A		CEIVED BY DATE	TIME	SAMPLE S CON	SAMPLE S CONDITION UPON RECEIPT
Comment for the second	1	ANIXALL MORE	Q;		
Distri	Distribution White - Laboratory (To	To be returned with Analytical Report), Goldenrod · Project File, Yellow · Project Data Manager	port), Goldenrod - Pr	olect File, Yellow - Proje	ct Data Manager

## COOLER RECEIPT FORM

Cooler Receipt Form 9809902 CRF p 1

	Number of Coolers1
LIMS # _9809-902	Date Received09/29/98
	VDTSR _09/29/98 14 30
PROJECT DDMT/Memphis, TN	
USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERN.	ING CHECK-IN PROBLEMS
A PRELIMINARY EXAMINATION PHASE Date cooler was opened09/29/98	
A PRELIMINARY EXAMINATION PHASE Date cooler was opened09/29/98 by (print) _Lynette Bugg (sign)	- 1 1 1 1 Brace
	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
1 Did cooler come with a shipping slip (airbill,etc )?  If YES, enter carrier name & airbill number	NO
2a Were custody seals on outside of cooler?	WO.
2b Were custody seals on sample containers?	NO
25 Here custody sears on sample containers.	NO
3 Were custody seals unbroken and intact at the date and time of arrival	? NA
4 Did you screen samples for radioactivity using a Geiger Counter?	NO
• • •	
5 Were custody papers sealed in a plastic bag & taped inside to the lid?	NO
6 Were custody papers filled out properly (ink, signed, etc.)?	YES
7 Did you sign custody papers in the appropriate place?	YES
8 Was project identifiable from custody papers; If YES, enter project n	ame at top of this form YES
9 If required, was enough ice used? cooler temp<4°C, Type of ice	eCrushed YES
10 (1	**
10 Have designated person initial here to acknowledge receipt of cooler	LB date09/29/98
R ING.IN DWASE Date gamples were logged.in 09/29/98	
B LOG-IN PHASE Date samples were logged-in09/29/98	on & His Roses
11 Describe type of packing in coolerBubble Wrap and Ice	17
<u> </u>	····
12 Were all bottles sealed in separate plastic bags?	YES
	·
13 Did all bottles arrive unbroken and were labels in good condition?	YES
14 Were all bottle labels complete (ID, date, time, signature, preserved	, etc )? YES
15 Did all bottle labels agree with custody papers? .	YES
16 Word correct containing used for the back and anti-2	WDG
16 Were correct containers used for the tests indicated?	YES
17 Were correct preservatives added to samples? .	YES
The state of the s	120
18 Was a sufficient amount of sample sent for tests indicated?	YES
•	
19 Were bubbles absent in VOA samples? If NO, list by sample#	NA
<del></del>	
20 Was the project manager called and status discussed? If YES, give det	alls on the back of this form . NO
21 Who was called? By whom ?	(date)
VDTSR - Validated Date/Time of Sample Receipt (Date sample is logged into	I.TMS gystem)

**Environmental Testing & Consulting, Inc.** 

**Sample Reports** 

# ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

Client Name

:OHM Remediation Services

Project Name

:DDMT

Memphis, TN

Matrix :SOIL

Date Sample Received :09/29/98

Contract Laboratory Order Number :9809-902

Contract Lab Sample No	Client Sample <u>ID</u>	Date <u>Sampled</u>	Result Units :(%,1)	Date Analyzed	<u>Method</u>	<u>ву</u>
9809-902-01	RA-C-018	09/29/98	95	09/29/98	160.3	MC

LABORATORY MANAGER

3781524

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-01 Sample ID: RA-C-018 Matrix :SOIL

Project # 20560

Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	ND	mg/Kg	1.00	08:35	09/30/98 GD	9010A

LABORATORY MANAGER

- - -- -- -

# ENVIRONMENTAL TESTING & CONSULTING, INC. 3781525 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-02

Sample ID: RA-C-EQ-006-CS

Project # 20560

Matrix : AQUEOUS Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	ND	mg/L	0.010	08:35	09/30/98 GD	9010A

LABORATORY MANAGER

INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-01 Sample ID: RA-C-018

Matrix :SOIL

Project # 20560

Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZEI	) BY	METHOL
Metals Digestion Batch	V8-SO-36					NR	3051
Mercury Digestion Batch	V4-SO-36					RM	7471A
Silver	ND	πg/Kg	0.700	14:33	10/01/98	TD	6010B
Aluminum	13,600	mg/Kg	4.00	14 60	10/01/98	TD	6010B
Arsenic	14.4	mg/Kg	0 200	16:29	09/30/98	JF	7060A
Barium	125	mg/Kg	0.200	14:33	10/01/98	TD	6010B
Beryllium	0.571	mg/Kg	0.100	14.33	10/01/98	TD	6010B
Calcium	1820	mg/Kg	1.00	14:33	10/01/98	TD	6010B
Cadmium	ND	mg/Kg	0.400	14:33	10/01/98	TD	6010B
Cobalt	10.9	mg/Kg	0.700	14:33	10/01/98	TD	6010B
Chromium	16.4	mg/Kg	0.700	14:33	10/01/98	TD	6010B
Copper	19.4	mg/Kg	0.600	14:33	10/01/98	TD	6010B
Iron	21,800	mg/Kg	0.700	14:60	10/01/98	TD	6010B
Mercury	0.059	mg/Kg	0 020	14.37	10/02/98	RM	7471A
Potassium	1,030	mg/Kg	20.0	14:33	10/01/98	TD	6010B
Magnesıum	2,260	mg/Kg	3.00	14:33	10/01/98	TD	6010B
Manganese	716	mg/Kg	0.200	14:33	10/01/98	TD	6010B
Sodium	70.5	mg/Kg	20.0	14:33	10/01/98	TD	6010B
Nıckel	18.0	mg/Kg	1 50	14:33	10/01/98	TD	6010B
Lead	31.8	mg/Kg	0.100	10:04	10/01/98	TD	7421
Antimony	ND	mg/Kg	3.20	14:33	10/01/98	TD	6010B
Selenium	0.249	mg/Kg	0.200	10:06	10/02/98	JF	7740
Thallium	0.269	mg/Kg	0.100	10:07	10/02/98	JF	7841
Vanadium	24.0	mg/Kg	0 800	14:33	10/01/98	TD	6010B
Zinc	106	mg/Kg	1.00	14:33	10/01/98	TD	6010B

LABORATORY MANAGER

**INORGANIC ANALYSIS DATA SHEET** 

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

Project # 20560

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

DDMT

Site ID

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-02

Sample ID: RA-C-EQ-006-CS

Matrix :AQUEOUS Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED	BY	METHOD
Metals Digestion Batch	V11-AQ-97				· · ·	NR	3015
Mercury Digestion Batch	V4-AQ-44					RM	7470A
Silver	ND	mg/L	0.009	13:37	10/01/98	TD	6010B
Aluminum	ND	mg/L	0.060	13:37	10/01/98	TD	6010B
Arsenic	ND	mg/L	0.003	16.18	09/30/98	JF	7060A
Barium	ND	mg/L	0 003	13 37	10/01/98	TD	6010B
Beryllium	ND	mg/L	0 002	13:37	10/01/98	TD	6010B
Calcium	21	mg/L	0 015	13:37	10/01/98	TD	6010B
Cadmium	ND	mg/L	0.005	13:37	10/01/98	TD	6010B
Cobalt	ND	mg/L	0 009	13:37	10/01/98	TD	6010B
Chromium	ND	mg/L	0.009	13:37	10/01/98	TD	6010B
Copper	ND	mg/L	0 008	13:37	10/01/98	TD	6010B
Iron	ND	mg/L	0.009	13:37	10/01/98	TD	6010B
Mercury	ND	mg/L	0 0002	15:08	09/30/98	RM	7470A
Potassium	ND	mg/L	0 250	13:37	10/01/98	TD	6010B
Magnesium	ND	mg/L	0.040	13.37	10/01/98	TD	6010B
Manganese	ND	mg/L	0.003	13:37	10/01/98	TD	6010B
Sodium	ND	mg/L	0.050	13:37	10/01/98	TD	6010B
Nickel	ND	mg/L	0.020	13:37	10/01/98	TD	6010B
Lead	ND	mg/L	0.002′	09:35	10/01/98	JF	7421
Antimony	ND	mg/L	0.040	13:37	10/01/98	TD	6010B
Selenium	ND	mg/L	0.003	16:18	09/30/98	JF	7740
Thallium	ND	mg/L	0.002	10:56	10/02/98	JF	7841
Vanadium	ND	mg/L	0.010	13:37	10/01/98	TD	6010B
Zinc	ND	mg/L	0.010	13:37	10/01/98	TD	6010B

3781528

ORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services Defense Depot - Memphis, TN

Project # 20560 FID # DACA45~96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-01 Sample ID: RA-C-018

Matrix :SOIL

Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
GC/MS PAH							8270C
0.00				09/30/98	10/01/98	RR	
QC Batch	P04042	ug/Kg					
Acenaphthene	ND	ug/Kg	67 0				
Acenaphthylene	ND	ug/Kg	67.0				
Anthracene	ND	ug/Kg	67.0				
Benzo(a) anthracene	50 <b>J</b>	ug/Kg	67.0				
Benzo(b)fluoranthene	102	ug/Kg	67 0				
Benzo(k) fluoranthene	46J		67 0				
Benzo(g,h,i)perylene	ND	ug/Kg	67.05				
Benzo(a) pyrene	ND		67.0				
Chrysene	91.0		67.0				
Dibenzo(a,h)anthracene	ND	ug/Kg	ر آر 67.0				
Fluoranthene	133		67 0				
Fluorene	ND	ug/Kg	67.0				
Indeno(1,2,3-cd)pyrene	ND	ug/Kg	آرَ. 67.0				
Naphthalene	ND	ug/Kg	67.0				
Phenanthrene	45J	ug/Kg	67.0				
Pyrene	105	ug/Kg ug/Kg	67.0				
1,15110	105	ug/kg	67 0				
Surrogate Standard	% Rec	overy	QC Liz	mits			
S1 - Nitrobenzene-d5	77		39	80			
S2 - 2-Fluorobiphenyl	94 (	)	43	84			
S3 - 4-Terphenyl-d14	77	•	40	121			

LABORATORY MANAGER

ND - Not Detected

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

9809-902-1
------------

Lab Name: ETC, INC.	Contrac	t:
Lab Code:	Case No.: SAS No	.: SDG No.: \9809-902
Matrix: (soil/water)	SOIL	Lab Sample ID:
Sample wt/vol:	30.1 (g/mL) G	Lab File ID: 0501007
Level: (low/med)	LOW	Date Received:
% Moisture:	decanted: (Y/N)	Date Extracted:
Concentrated Extract	Volume: 1(mL)	Date Analyzed: 10/01/98
Injection Volume:	1.0(uL)	Dilution Factor: 1.0
GPC Cleanup: (Y/N)	N pH: 7.0	

CONCENTRATION UNITS: Number TICs found: 5 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 80-56-8 2. 4291-79-6 3. 57-10-3 4. 605-48-1 5. 50-29-3	.ALPHAPINENE CYCLOHEXANE, 1-METHYL-2-PROP HEXADECANOIC ACID ANTHRACENE, 9,10-DICHLORO- CHLOROPHENOTHANE	4.33	198 140 261 134 151	NJ NJ NJ NJ
8. 9. 10. 11. 12.				
15. 16. 17. 18. 19.		<del>,</del>		
21. 22. 23. 24. 25.				
27. 28. 29. 30.				

FORM I BNA-GCMS-TIC

**37815**30

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

Project # 20560 FID # DACA45-96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-02

Sample ID: RA-C-EQ-006-CS

Matrix : AQUEOUS Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
GC/MS PAH					····		8270C
00.5.1.3				10/01/98	10/02/98	RR	
QC Batch	P05050	٠,					
Acenaphthene	ND	ug/L	2.00				
Acenaphthylene	ND	ug/L	2.00				
Anthracene	ND	ug/L	2 00				
Benzo(a)anthracene	ND	ug/L	2.00				
Benzo(b)fluoranthene	ND	ug/L	2.00				
Benzo(k) fluoranthene	ND	ug/L	2.00				
Benzo(g,h,ı)perylene	ND	ug/L	2 00				
Benzo(a)pyrene	ND	ug/L	2 00				
Chrysene	ND		2.00				
Dibenzo(a,h)anthracene	ND	uq/L	2.00				
Fluoranthene	ND	ug/L	2.00				
Fluorene	ND	ug/L	2.00				
Indeno(1,2,3-cd)pyrene	ND	ug/L	2 00				
Naphthalene	ND		2.00				
Phenanthrene	ND	ug/L	2.00				
Pyrene	ND	ug/L	2.00				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Nitrobenzene-d5	69		35	85			
S2 - 2-Fluorobiphenyl	79		46	84			
S3 - 4-Terphenyl-d14	72		33	113			

LABORATORY MANAGER

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: ETC, INC.		Contract:	9809-902-2
Lab Code:	Case No.:	SAS No.: SDG	No.: 9809-902
Matrix: (soil/water)	WATER	Lab Sample ID	:
Sample wt/vol:	1000 (g/mL) ML	Lab File ID:	0401004
Level: (low/med)	LOW	Date Received:	·
% Moisture: not dec.		Date Analyzed:	10/02/98
GC Column: DB-5MS	ID: 0.25 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(mL)	Soil Aliquot V	Volume:(uL)
	_	CONCENTRATION UNITS:	

Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER COMPOUND NAME RT EST.

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
2				<del></del>
4.				
5.		<u> </u>		
7				
8				
10.				
11.				
13.				
14.				
16.				
17.				
19.				
20.				
22.		<u></u>		
23.				
24.				
26.				
27.				
29.				
30				

FORM I BNA-GCMS-TIC

3781532

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

Project # 20560 FID # DACA45-96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-01 Sample ID: RA-C-018

Matrix :SOIL

Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
Organochlorine Pesticides			·				8081A
OC Batch	P06022	ua /Va		09/30/98	10/07/98	RG	
Aldrin	ND	ug/Kg	20 0				
Alpha-BHC	ND	ug/Kg ug/Kg	20.0				
Beta-BHC	ND	ug/Kg ug/Kg	20.0				
Delta-BHC	ND	ug/Kg ug/Kg	20.0				
Gamma-BHC (Lindane)	ND	ug/Kg ug/Kg	20 0				
Alpha-Chlordane	35.0		20.0				
Gamma-Chlordane	24.5		20.0				
Chlordane	149	J. J	200				
4,4'-DDD	ND	ug/Kg ug/Kg	20 0				
4,4'-DDE	59.2	ug/Kg ug/Kg	20.0				
4,4'-DDT	88 3	ug/Kg ug/Kg	20.0 <b>5</b>				
Dieldrin	167	ug/Kg ug/Kg	20.0				
Endosulfan I	ND	ug/Kg ug/Kg	20.0				
Endosulfan II	ND	ug/Kg	20.0				
Endosulfan Sulfate	ND		20.0				
Endrin	ND	ug/Kg	20.0				
Endrin Aldehyde	ND	ug/Kg ug/Kg	20.03				
Endrin Ketone	ND	ug/Kg ug/Kg	20.03				
Heptachlor	ND	ug/Kg ug/Kg	20.0				
Heptachlor Epoxide	ND		20.0				
Methoxychlor	ND	ug/Kg ug/Kg	20.03				
Toxaphene	ND						
Tonaphone	ND	ug/Kg	2000				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Decachlorobiphenyl	91		64	154			
S2 - Tetrachloro-m-xylene	96		39	130			

ATORY MANAGER

300016

ND - Not Detected

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

3781533

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-02

Sample ID: RA-C-EQ-006-CS

Project # 20560

FID # DACA45-96-D-0014

Matrix : AQUEOUS Sample Date :09/29/98

			DETECTION	DATE	DATE		
TEST	RESULT	UNITS	LIMIT	EXTRACTED	ANALYZED	BY	METHOD
Organochlorine Pesticides							8081A
Od Bokah	D07000	/ <del>-</del>		10/01/98	10/07/98	RG	
QC Batch Aldrin	P07020	٠,٠	0.040				
	ND		0 040				
Alpha-BHC Beta-BHC	ND		0 040				
	ИD	· J / ·	0.040				
Delta-BHC	ND	J.	0.040				
Gamma-BHC (Lindane)	ND	- · · · ·	0.040				
Alpha-Chlordane	ND	•	0.040				
Gamma-Chlordane	ND	- 3, -	0.040				
Chlordane	ND		0.250				
4,4'-DDD	ND	3,	0.040				
4,4'-DDE	ND	J .	سر0.040				
4,4'-DDT	ND	~ .	4 0.040				
Dieldrin	ND		0.040				
Endosulfan I	ND	- · · ·	0.040				
Endosulfan II	ND		0.040				
Endosulfan Sulfate	ND	<b>—</b> ·	0.040	_			
Endrin	ND	٠, -	0.0401				
Endrin Aldehyde	ND	ug/L	ت.040				
Endrin Ketone	ND	ug/L	7 0 . 0 4 0 5				
Heptachlor	ND	ug/L	0.040				
Heptachlor Epoxide	ND	ug/L	0.040				
Methoxychlor	ND	ug/L	0.0403	•			
Toxaphene	ND	ug/L	3.00				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Decachlorobiphenyl	62		34	115			
S2 - Tetrachloro-m-xylene	88		31	96			

LABORATORY MANAGER

3781534

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 09/29/98 ETC Order Number 9809902

ETC Lab ID 9809902-01 Sample ID: RA-C-018

Matrix :SOIL

Project # 20560

Sample Date :09/29/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOL
PCBs							8082
				09/30/98	10/02/98	RG	0002
QC Batch	P06022	ug/Kg		, ,	,,		
PCB-1016	ND	ug/Kg	35.0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35.0				
PCB-1242	ND	ug/Kg	35.0				
PCB-1248	ND	ug/Kg	35 0				
PCB-1254	ND	ug/Kg	35.0				
PCB-1260	ND	ug/Kg	35.0				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	73		39	130			
S2 - Decachlorobiphenyl	93		64	154			

LABORATORY MANAGER

ND - Not Detected

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

3781535

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

ETC Order Number 9809902

Date Arrived 09/29/98

ETC Lab ID 9809902-02 Sample ID: RA-C-EQ-006-CS Project # 20560

FID # DACA45-96-D-0014

Matrix : AQUEOUS Sample Date :09/29/98

TEST	RESULT	UNITS	DETECTION	DATE EXTRACTED	DATE	711	MERICO
1651	KESULI	UNITS	LIMIT	EXTRACTED	ANALYZED	BY	METHOD
PCBs					·		8082
				10/01/98	10/02/98	ŔĠ	
QC Batch	P07020	ug/L					
PCB-1016	ND	ug/L	0.500				
PCB-1221	ND	ug/L	0.500				
PCB-1232	ND	ug/L	0.500				
PCB-1242	ND	ug/L	0.500				
PCB-1248	ND	ug/L	0 500				
PCB-1254	ND	ug/L	0.500				
PCB-1260	ND	ug/L	0.500				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	72		31	96			
S2 - Decachlorobiphenyl	64		34	115			

ORATORY MANAGER

Environmental Testing & Consulting, Inc.

**Quality Control Reports Inorganics** 

# ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN CASE NARRATIVE INORGANICS

ETC Order # : \_9809-902

## HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified

Holding Times.

## CALIBRATION

Laboratory Control Sample : All criteria met.

## QUALITY CONTROL

<u>Matrix Spike</u>

Spike Recovery : All analytes within QC limits

Method Blank

No Target Analytes detected above Detection Limit.

Laboratory Manager

----

# 3781538

# Environmental Testing & Consulting, Inc. Inorganic QC Data Summary

Client Name

OHM Remediation Services

Project

DDMT - Memphis, TN

ETC Order Number 9809-902

File Name

9809-902 1

## Method Blank

	Date	Blank	I
Analyte			QC Batch
Cyanide	09/30/98	<1 00	CY093098

# Calibration Verification (CV)

	l <u>.</u>	1 .		% Difference
Cyanide	09/30/98	0 200	0 207	40

# Laboratory Control Sample (LCS)

	Date	LCS Conc	LCS Conc	% I
Analyte	Analyzed	mg/Kg	Found	Recovery
Cyanide	09/30/98	20 0	19 9	100 0

# Matrix Spike/Matrix Spike Duplicate

Sample ID	Analyte	Spike mg/Kg			MS % Recovery	QC Limits	RPD
9809-902-01 MS	Cyanide	20 0	<1 00	19 0	95	70 - 130	
9809-902-01 MSD	Cyanide	20 0	<1 00	198	99	70 - 130	4

# Environmental Testing & Consulting, Inc. Inorganic QC Data Summary

Client Name

**OHM Remediation Services** 

Project

DDMT - Memphis, TN

ETC Order Number 9809-902

File Name

9809-902 2

## Method Blank

	Date	Blank	
Analyte	Analyzed	Concentration mg/L	QC Batch
Cyanide	09/30/98	<0 010	CY093098

# Calibration Verification (CV)

	Date	CV Conc	CV Conc	%
Analyte	Analyzed	mg/L	Found	Difference
Cyanide	09/30/98	0 200	0 207	40

# **Laboratory Control Sample (LCS)**

		LCS Conc mg/L		% Recovery
Cyanide	09/30/98	0 200	0 202	101

# Matrix Spike/Matrix Spike Duplicate

Sample iD	Analyte	Spike mg/L		MS Conc Found		QC Limits	RPD
9809-902-01 MS	Cyanide	0 200	<0 010	0 192	96	68 - 114	
9809-902-01 MSD	Cvanide	0 200	<0 010	0 185	93	68 - 114	3

Environmental Testing & Consulting, Inc.

# Quality Control Reports Metals ICP/GFAA/CV

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781541

Client Name

: \_OHM Remediation Services Corp. : \_Defense Depot Memphis TN

Project Name

ETC Order #

: 9809-902

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-36

V4-S0-36 Mercury

Sample Analysis

: All samples digested and analyzed within 180

days of collection.

Mercury Analysis

: All samples analyzed within 28 days of

collection.

#### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation

: Thermo Jarrell Ash Enviro-I ICP Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer

Dilutions Required: No dilutions required.\*

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral interference (I) as indicated.

Sample ID	Metal	Dilution <b>Factor</b>	Sample ID	Metal	Dilution Factor
9809-902-01	Aluminum	1:5(C)	9809-902-01	Lead	1:10(C)
9809-902-01	Arsenic	1:2(C)	9809-902-01	Iron	1:5(C)

## QUALITY CONTROL

## 9809-902.MQ1BLANK

Method Blank

V8-SO-36BLK - ICP/GFAA Metals V4-SO-36BLK - Mercury

Calcium idenitfied in V8-SO-36BLK at 3.80 mg/Kg.

#### 9809-902.MQ1LCS

Laboratory Control Sample(s) V8-SO-36LCS - ICP/GFAA Metals V4-SO-36LCS - Mercury

---

All criteria met.

- -

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

Client Name : \_OHM Remediation Services Corp. Project Name : \_Defense Depot Memphis TN

ETC Order # : 9809-902

#### QUALITY CONTROL

# 9809-902.MQ1MSMSD

Matrix Spike / Matrix Spike Dup - ICP Metals

9809-902-01 RPD: All analytes within QC limits. RA-C-018 Spike Recovery: All analytes within QC limits.\*

Recoveries for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification:

	mg/L	mg/L	8	OA
<u>Analyte</u>	Expected	Found	Recovery	<b>Evaluation</b>
Antimony	0.500	0.534	107	Pass

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. Dilution Tests were performed for verification:

	No	1:5	1:25	જ	OA
<u>Analyte</u>	Dilution	Dilution	Dilution	Difference	Evaluation
Aluminum		13600 mg/Kg	13400 mg/Kg	1	Pass
Calcium	1920	1870		3	Pass
Iron	<del>-</del>	21800	21600	1	Pass
Potassium	1030	1040		ī	Pass
Manganese	716	710		1	Pass
Magnesium	2260	2210	<b>-</b>	$\bar{2}$	Pass
Zinc	106	104		$\overline{2}$	Pass

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Graphite Metals
9809-902-01 RPD: All analytes within QC limits.
RA-C-018 Spike Recovery: All analytes within QC limits.\*

Recoveries for Arsenic and Lead were flagged as outside QC Limits due to the level of this analyte present relative to the spike amount. Dilution Test were performed for verification :

Analyte	1:2 <b>Dilution</b>	1:10 Dilution	1:50 <b>Dilution</b>	% Difference	QA <b>Evaluation</b>
Arsenic	14.4  mg/Kg	15.5 mg/Kg		8	Pass
Lead		31.8	31.5	1	Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

. . . . .

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781543

Client Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN'

Project Name

ETC Order #

: \_9809-902

## QUALITY CONTROL

Matrix Spike / Matrix Spike Dup - Hq 9809-902-01 RPD:

RA-C-018

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

ooratory Manager

# SOLID METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID ICP/GFAA Metals

V8-SO-36 BLK

QC Batch V8-SO-36

Laboratory ID Mercury

V4-SO-36 BLK

V4-SO-36

Date Sample Prepared

09/30/98 10/02/98 ICP/GFAA Metals

Mercury

		Detection		
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	<0 700	0 700	10/01/98	6010E
Aluminum	<4 00	4 00	10/01/98	6010E
Arsenic	<0 200	0 200	09/30/98	7060A
Barium	<0 200	0 200	10/01/98	6010B
Beryllium	<0 100	0 100	10/01/98	6010B
Calcium	3 80	1 00	10/01/98	6010B
Cadmium	<0 400	0 400	10/01/98	6010B
Cobalt	<0 700	0 700	10/01/98	6010B
Chromium	<0 700	0 700	10/01/98	6010B
Copper	<0 600	0 600	10/01/98	6010B
Iron	<0 700	0 700	10/01/98	6010B
Potassium	<20 0	20 0	10/01/98	6010B
Magnesium	<3 00	3 00	10/01/98	6010B
Manganese	<0 200	0 200	10/01/98	6010B
Sodium	<20 0	20 0	10/01/98	6010B
Nickel	<1 50	1 50	10/01/98	6010B
Lead	<0 100	0 100	10/01/98	7421
Antimony	<3 20	3 20	10/01/98	6010B
Selenium	<0 200	0 200	09/30/98	7740
Thallium	<0 100	0 100	10/02/98	7841
Vanadium	<0 800	0 800	10/01/98	6010B
Zinc	<1 00	1 00	10/01/98	6010B
Mercury	<0 020	0 020	10/02/98	7471A

# SOLID LABORATORY CONTROL SAMPLE **METALS**

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory Control ID

ICP/GFAA Metals V8-SO-36 LCS

QC Batch

V4-SO-36 LCS Mercury

V8-SO-36 V4-SO-36

Date Prepared

ICP/GFAA Metals 09/30/98

Мегсигу 10/02/98

Metals	Spike Added mg/Kg	Found mg/Kg	%R #	1	QC nits
Silver	20 0	19 2	96	80	120
Aluminum	200	199	100	80	120
Arsenic	5 00	4 59	92	85	115
Barium	200	203	102	80	120
Beryllium	20 0	19 2	96	80	120
Calcium	400	411	103	80	120
Cadmium	20 0	19 8	99	80	120
Cobalt	100	102	102	80	120
Chromium	40 0	40 5	101	80	120
Copper	40.0	41 6	104	80	120
Iron	200	204	102	80	120
Potassium	400	405	101	80	120
Magnesium	400	393	98	80	120
Manganese	20 0	20 6	103 ·	80	120
Sodium	400	415	104	80	120
Nickel	100	102	102	80	120
Lead	2 00	2 01	101	85	115
Antimony	200	200	100	80	120
Selenium	5 00	4 50	90	85	115
Thallium	2 00	1 87	94	85	115
Vanadıum	100	101	101	80	120
Zinc	20 0	20 6	103	80	120
Mercury	0 167	0 163	98	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

# SOLID MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury QC Batch 9809-902-01 V8-SO-36 9809-902-01 V4-SO-36

Date Sample Prepared

09/30/98

ICP/GFAA Metals

Mercury

	SPIKE	SAMPLE	MS		MS	_		QC
İ	Added	Conc	Conc	RPD	%	ı	Lir	nıtş
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec	#		
				Î				1
Silver	20 6	ND	20 2	4	98	ļ	75	125
Aluminum	206	13600	11700	3	-922	*	75	125
Arsenic	5 26	14 4	17.8	7	65	*	70	130
Barium	206	125	331	0	100	7	75	125
Beryllium	206	0 571	20 6	2	97	T	75	125
Calcium	413	1920	2140	2	53	*	75	125
Cadmium	20 6	ND	19 7	2	90		75	125
Cobalt	103	10 9	113	1	99	┪	75	125
Chromium	41 3	16 4	55 9	1	96		75	125
Соррег	413	194	62 9	3	105	7	75	125
iron	206	21800	19200	2	-1262	*	75	125
Potassium	413	1030	1460	1	104	7	75	125
Magnesium	413	2260	2430	0	41	*	75	125
Manganese	20 6	716	667	3	-238	*	75	125
Sodium	413	70 5	491	4	102 -	┪	75	125
Nickel	103	18 0	119	5	98	T	75	125
Lead	2 11	318	36 3	9	213	*	70	130
Antimony	206	ND	0	0	0	*	75	125
Selenium	5 26	0 279	3 40	4	59	*	70	130
Thallium	2 11	0 269	2 07	1	85	7	70	130
Vanadium	103	24 0	116	0	89	T	75	125
Zinc	20.6	106	123	0	83	T	75	125
Mercury	0 168	0 059	0 212	5	91	1	75	125

Metals Matrix Spike

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

# SOLID MATRIX SPIKE DUPLICATE METALS

Lab Name Environmental Testing and Consulting, Inc

QC Batch

 Laboratory ID MS ICP/GFAA Metals
 9809-902-01
 V8-SO-36

 Laboratory ID MS Mercury
 9809-902-01
 V4-SO-36

Date Sample Prepared 09/30/98 ICP/GFAA Metals

10/02/98 Mercury

	SPIKE	SAMPLE	MSD		MSD		C	C
	Added	Conc	Conc		%		Lir	nits
Metals	mg/Kg	mg/Kg_	mg/Kg		Rec	#		
Silver	20 2	ND	19 5		97		75	125
Aluminum	202	13600	12100		-743	*	75	125
Arsenic	5 16	14 4	19 1		91		70	130
Barium	202	125	331		102		75	125
Beryllium	20.2	0 571	202		97		75	125
Calcium	405	1920	2090		42	*	75	125
Cadmium	20 2	ND	19 3		88		75	125
Cobalt	101	10 9	112		100	T	75	125
Chromium	40 5	16 4	56 4		99		75	125
Copper	40 5	19 4	61 2		103		75	125
Iron	202	21800	18800		-1485	*	75	125
Potassium	405	1030	1450		104		75	125
Magnesium	405	2260	2430		42	*	75	125
Manganese	20 2	716	687		-144	*	75	125
Sodium	405	70 5	510		109		75	125
Nickel	101	18 0	113	Ĭ	94	T	75	125
Lead	2 06	31 8	33 2		68	*	70	130
Antimony	202	ND	0		0	*	75	125
Selenium	5 16	0 279	3 26		58	*	70	130
Thallium	2 06	0 269	2 09		88		70	130
Vanadium	101	24 0	116		91	$\neg$	75	125
Zinc	20 2	106	123		84		75	125
Мегсигу	0 159	0 059	0 202		90		75	125

ND - Not Detected

Metals Matrix Spike Duplicate

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - AQUEOUS

Client Name : \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Project Name

ETC Order # : 9809-902

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V11-AQ-97

Mercury V4-A0-44

Sample Analysis : All samples digested and analyzed within 180

days of collection.

Mercury Analysis : All samples analyzed within 28 days of

collection.

#### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation : Thermo Jarrell Ash Enviro-I ICP

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace

Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer Dilutions Required: No dilutions required.\*

Due to low recoveries and failing Post Digestion Spike, all Thallium

data was reported based on the Method of Standard Additions.

# QUALITY CONTROL

# 9809-902.MQCBLANK

Method Blank V11-AQ-97BLK - ICP/GFAA Metals

V4-AQ-44BLK - Mercury

No analytes detected in the Method Blank.

## 9809-902.MOCLCS

Laboratory Control Sample(s) V11-AQ-97LCS - ICP/GFAA Metals

V4-AQ-44LCS - Mercury

All criteria met.

MEMPHIS, TN CASE NARRATIVE METALS - AQUEOUS 3781549

Client Name : \_OHM Remediation Services Corp. Project Name : \_Defense Depot Memphis TN

ETC Order # : 9809-902

#### QUALITY CONTROL

## 9809-902.MQCMSMSD

Matrix Spike / Matrix Spike Dup - ICP Metals 9809-831-01 RPD : All analytes within QC limits. FTCS04-MW04-000-01 Spike Recovery : All analytes within QC limits.\*

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. Dilution Tests were performed for verification:

	No	1:5	%	QA
Analyte	Dilution	Dilution	Difference	<u>Evaluation</u>
Calcium	21.7 mg/L	21.0 mg/L	3	Pass
Magnesium	16.1	15.7	2	Pass
Sodium	32.7	30.3	7	Pass

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Graphite Metals
9809-831-01 RPD : All analytes within QC limits.
FTCS04-MW04-000-01 Spike Recovery : All analytes within QC limits.\*

Recoveries for Thallium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Hq 9809-831-01 RPD: All analytes within QC limits. FTCS04-MW04-000-01 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

Laboratory Manager

# WATER METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc

Laboratory ID ICP/GFAA Metals

V11-AQ-97 BLK

QC Batch

Laboratory ID Mercury

V4-AQ-44 BLK

V11-AQ-97 V4-AQ-44

Date Sample Prepared

09/29/98 09/30/98 ICP/GFAA Metals

Mercury

		Detection	<u> </u>	T
	Concentration	Limit	Date	
Metals	mg/L	mg/L	Analyzed	Method
Í_				
Silver	<0 009	0 009	10/01/98	6010B
Aluminum	<0 060	0 060	10/01/98	6010B
Arsenic	<0 003	0 003	09/30/98	7060A
Barium	<0 003	0 003	10/01/98	6010B
Beryllium	<0 002	0 002	10/01/98	6010B
Calcium	<0.015	0 015	10/01/98	6010B
Cadmium	<0 005	0 005	10/01/98	6010B
Cobalt	<0 009	0 009	10/01/98	6010B
Chromium	<0 009	0 009	10/01/98	6010B
Copper	<0 008	0 008	10/01/98	6010B
Iron	<0 009	0 009	10/01/98	6010B
Potassium	<0 250	0 250	10/01/98	6010B
Magnesium	<0 040	0 040	10/01/98	6010B
Manganese	<0 003	0 003	10/01/98	6010B
Sodium	<0 050	0 050	10/01/98	6010B
Nickel	<0 020	0 020	10/01/98	6010B
Lead	<0 002	0 002	09/29/98	7421
Antimony	<0 040	0 040	10/01/98	6010B
Selenium	<0 003	0 003	09/30/98	7740
Thallium	<0 002	0 002	10/02/98	7841
Vanadium	<0.010	0 010	10/01/98	6010B
Zinc	<0.010	0 010	10/01/98	6010B
Mercury	<0 0002	0 0002	09/30/98	7470A

# WATER LABORATORY CONTROL SAMPLE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory Control ID

ICP/GFAA Metals V11-AQ-97 LCS

QC Batch V11-AQ-97

Laboratory Control 12

Mercury V

V4-AQ-44 LCS

V4-AQ-44

Date Prepared

ICP/GFAA Metals 09/29/98

Mercury

09/30/98

	Spike				C	(C
	Added	Found	% R	#	Lir	nits
Metals	mg/L	mg/L				
Silver	0 250	0 252	101		80	120
Aluminum	2 50	2 58	103		80	120
Arsenic	0 063	0 058	92		85	115
Barium	2 50	2 62	105		80	120
Beryllium	0 250	0 245	98		80	120
Calcium	5 00	5 20	104		80	120
Cadmium	0 250	0 249	100		80	120
Cobalt	1 25	1 30	104		80	120
Chromium	0 500	0 508	102		80	120
Copper	0 500	0 516	103		80	120
Iron	2 50	2.61	104		80	120
Potassium	5 00	5 16	103		80	120
Magnesium	5 00	5.00	100		80	120
Manganese	0 250	0 264	106	,	80	120
Sodium	5 00	5 12	102		80	120
Nickel	1 25	1 30	104		80	120
Lead	0 025	0 024	96		85	115
Antimony	2 50	2 58	103		80	120
Selenium	0 063	0 059	94		85	115
Thallium	0 025	0 025	100		85	115
Vanadium	1.25	1 30	104		80	120
Zinc	0 250	0 259	104		80	120
Mercury	0 0050	0 0046	92		80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

100

# WATER MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

QC Batch

Laboratory ID MS ICP/GFAA Metals

Laboratory ID MS Mercury

9809-831-01 9809-831-01

V11-AQ-97 V4-AQ-44

Date Sample Prepared

09/29/98

ICP/GFAA Metals

09/30/98 Mercury

	SPIKE	SAMPLE	MS		MS			QC .
	Added	Conc	Conc	RPD	%		Lir	nits
Metals	mg/L	mg/L	mg/L	<20% #	Rec	#		
Silver	0 250	ND	0 253	1	101		75	125
Aluminum	2 50	0 224	2 87	0	106		75	125
Arsenic	0 063	ND	0 063	0	100		85	115
Barium	2 50	0 094	2 74	1	106		75	125
Beryllium	0 250	ND	0 253	1	101		75	125
Calcium	5 00	21 7	26 5	0	96		75	125
Cadmium	0 250	ND	0 256	2	102		75	125
Cobalt	1 25	ND	1 33	1	106		75	125
Chromium	0 500	ND	0 529	1	106		75	125
Copper	0 500	ND	0 526	1	105		75	125
Iron	2 50	2 43	5 01	1	103	$\neg$	75	125
Potassium	5 00	0 580	5 81	0	105		75	125
Magnesium	5 00	16 1	20 8	0	94		75	125
Manganese	0 250	0 293	0 554	0	104		75	125
Sodium	5 00	32 7	34 6	4	38	, *	75	125
Nickel	1 25	ND	1 33	1	106		75	125
Lead	0 025	ND	0 025	0	100		85	115
Antimony	2 50	ND	2 60	1	104		75	125
Selenium	0 063	ND	0 067	2	106		85	115
Thallium	0 025	ND	0 014	7	56	*	85	115
√anadıum	1 25	ND	1 33	1	106		75	125
Zinc	0 250	ND	0.266	1	106		75	125
Mercury	0 0050	ND	0 0045	0	90		75	125

ND - Not Detected

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

# WATER MATRIX SPIKE DUPLICATE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury 9809-831-01 QC Batch V11-AQ-97

9809-831-01

V4-AQ-44

Date Sample Prepared

09/29/98 09/30/98 ICP/GFAA Metals

0/98 Mercury

	SPIKE	SAMPLE	MSD		MSD		)C
	Added	Conc	Conc	İ	%	Lir	nits
Metals	mg/L	mg/L	mg/L		Rec #		
Silver	0 250	ND	0 251		100	75	125
Aluminum	2 50	0 224	2 86		105	75	125
Arsenic	0 063	ND	0 063		100	85	115
Barıum	2 50	0 094	2 70		104	75	125
Beryllium	0 250	ND	0 251		100	75	125
Calcium	5 00	21 7	26 4		94	75	125
Cadmium	0 250	ND	0 252		101	75	125
Cobalt	1 25	ND	1 32		106	75	125
Chromium	0 500	ND	0 532		106	75	125
Соррег	0.500	ND	0 521		104	75	125
Iron	2 50	2 43	4 98		102	75	125
Potassium	5 00	0 580	5 79		104	75	125
Magnesium	5 00	16 1	20 7		92	75	125
Manganese	0 250	0 293	0 552		104	75	125
Sodium	5 00	32 7	35 9		64 *	75	125
Nickel	1 25	ND	1 32		106	75	125
Lead	0 025	ND	0 025		100	85	115
Antimony	2 50	ND	2 63		105	75	125
Selenium	0 063	ND	0 066		105	85	115
Thallium	0 025	ND	0 015		60 *	85	115
Vanadium	1 25	ND	1 32		106	75	125
Zinc	0 250	ND	0 264		106	75	125
Mercury	0 0050	ND	0 0045		90	75	125

ND - Not Detected

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

3781555

OHM Remediation Services Corp. Client Name : \_OHM Remediation Dollars: \_Defense Depot Memphis TN

Project Name

: \_9809-902 : \_8270C/3550B ETC Order # Method (SW-846)

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. : All samples analyzed within 40 days of Sample Analysis

extraction.

#### **OUALITY CONTROL**

QC Batch Form 4 Summary P04042 P04042LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for 2-Flurobiphenyl were flagged as outside QC Limits in Method Blank P04042LB, samples 9809-902-01(RA-C-018) and MS/MSD associated with this project. Review of the raw data showed no obvious matrix interference. Sample 9809-902-01 was re-analyzed for verification with similar recoveries.

#### Laboratory Control Sample FORM 3 P04042BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3 RPD : All analytes within QC limits. 9809-902-01 RA-C-018 Spike Recovery : All analytes within QC limits.\*

Recovery for Napthalene was flagged as outside QC Limits in the Matrix Spike. MSD recovery was within QC Limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P04042LB

-- -

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 : All criteria met. FORM 6 : All criteria met. FORM 7 Calibration Verification

Semi-Volatile Internal Standard Area and RT FORM 8 Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

# 3781556

ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

CASE NARRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

Client Name Project Name

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8270C/3550B ETC Order #

# SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD
Dilutions Required : No dilutions required.

ratory Manager

# ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

# CASE NAPRATIVE

GC/MS SEMI-VOLATILE COMPOUNDS - AQUEOUS

3781557

Client Name : \_OHM Remediation Services Comp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8270C/3510C

#### HOLDING TIMES

Sample Extraction: All aqueous samples extracted within 7 days. Sample Analysis: All samples analyzed within 40 days of

extraction.

## QUALITY CONTROL

OC Batch Form 4 Summary P05050 P05050LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 P05050LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9809-902-02 RPD: All analytes within QC limits.\* RA-C-EQ-006-CS Spike Recovery: All analytes within QC limits.\*

Recoveries and RPDs for multiple analytes were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P05050LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

Semi-Volatile Internal Standard Area and RT FORM 8
Daily Check Standard(s) Internal Standard Areas and Retention Times within OC limits.

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

Laboratory Manager

# FORM 2 SOIL BNA-GCMS SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-902

Level: (low/med) LOW

	CLIENT	S1	<b>S</b> 2	<b>S</b> 3	S4	S5	- CC	1 00		1-4-
	SAMPLE NO.	(NBZ)#	(FBP)#	(TPH)#	54   #	55	S6	, S7	S8	TOT
	==========	======	======	======	<u></u>		<sup>t</sup> #			1
01	P04042LB	63	75	74				-   =====	=====	
02	P04042BS	67	94*	79		·	-	-		0
03	9809-902-1	77	94*	77			·	·		1
04	9809-902-1M	71	85*	68			·	·		1
05	9809-902-1S	78	88*	72		ļ ———	·   <del> </del>	·	ļ ———	1
06	9809-902-1	78	95*	78		ļ <del></del> -	<del></del>	·	l ———	1 1
07	[					l ————	·} <del></del>	· J		+
08		i				ļ	l <del>-                                   </del>	·	<del></del>	<b>-</b>
09							I — —	·]		II
10			i				I ——	·	l	
11									<del></del>	<u> </u>
12						<del></del>			<del></del>	
13										
14										
15										
16			·					<del></del>		
17 18 19 20										
18	.									
13		·	i				<del></del>			
21	······································									<del>-  </del>
22										
22		.								
23 24 25										
25	<del></del>		<u> </u>		i					
26	<del></del>		].	.						
27		——— i -								
28		<u> </u>		i.						
29			!.							
30				.						
٦٧١.	·		I -	1,						

QC LIMITS S1 (NBZ) = Nitrobenzene-d5 S2 (FBP) = 2-Fluorobiphenyl S3 (TPH) = Terphenyl-d14 (39- 80) (43- 84) (40-121)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

# FORM 4 BNA-GCMS METHOD BLANK SUMMARY

P04042LB

Lab Name: ETC, INC.

Lab Prep Batch: P04042

Lab File ID: 0301005

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9809-902

Da Nott Joos Joz

Instrument ID: BNA2

Date Analyzed: 10/01/98

Time Analyzed: 1329

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

		LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
				=======
01	P04042BS		0401006	10/01/98
02	9809-902-1		0501007	10/01/98
03	9809-902-1 <b>M</b>		0601008	10/01/98 10/01/98
04	9809-902-1S		0701009	10/01/98
05	9809-902-1		0801001	10/01/98
06				
07				[
08 09				
10				<u> </u>
11		<del></del>		
12				
13				
14				
15				
16				
17				
18				
19	<del></del>			
20 21				
22				
23				
24				
25				
26				
27				
28				
29		***************************************		
30				

COMMENTS:		

page 1 of 1

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P04042LB

Lab Name: ETC, INC. SDG No.: 9809-902

Matrix: (soil/water) SOIL

Lab Prep Batch: P04042

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: 0301005

Level: (low/med) LOW

Date Received: \_\_\_\_

Concentrated Extract Volume: 1(mL)

Date Analyzed: 10/01/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug)		Q
83-32-9 208-96-8 120-12-7 56-55-3 205-99-2 207-08-9 191-24-2 50-32-8 218-01-9 53-70-3 206-44-0 86-73-7	AcenaphtheneAcenaphthylerAnthraceneBenzo(a)AnthrBenzo(b)fluorBenzo(g,h,i)pBenzo(a)pyrenChryseneDibenzo(a,h)aFluoranthene	racene ranthene ranthene canthene perylene ne	66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7	0 0 0 0 0 0 0
193-39-5 91-57-6 91-20-3	Indeno(1,2,3- 2-Methylnapht Naphthalene Phenanthrene	cd)pyrenehalene	66.7 66.7 66.7 66.7 66.7	บ บ บ

#### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04042

SDG No.: 9809-902

Matrix Spike - Sample No.: P04042BS Level: (low/med) LOW

LCS QC. SPIKE SAMPLE LCS ADDED CONCENTRATION CONCENTRATION 8 LIMITS REC # COMPOUND (ug/Kg) (ug/Kg) (uq/Kg) REC. \_\_\_\_ ===== Acenaphthene 1670 1360 81 34-126 Acenaphthylene 1670 1520 91 62-123 Anthracene 1670 1240 74 68-124 Benzo(a) Anthracene Benzo(b) fluoranthene 1670 1420 85 60-133 1670 1290 77 67-126 Benzo(k) fluoranthene 75-131 1670 1440 86 Benzo(g,h,i)perylene 53-137 1670 1100 66 Benzo(a)pyrene 1670 1330 80 68-129 Chrysene 1670 1180 71 67-131 Dibenzo(a,h)anthracene 1670 79 1320 51-138 Fluoranthene 1670 1390 83 71-132 Fluorene 1450 65-126 1670 87 Indeno(1,2,3-cd)pyrene 1670 1270 76 34-170 Naphthalene 1070 62-113 1670 64 66-128 Phenanthrene 1670 1320 79 Pyrene 1670 1370 33-155 82

# Column to be used to flag recovery and RPD values with an asterisk \* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 16 outside limits

COMMENTS	
----------	--

page 1 of 1

# FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04042

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-1 Level: (low/med) LOW

0.00 0.00 41.5 47.8 96.7 43.4 31.9 0.00 86.2	1300 1410 1220 1350 1260 1410 1500 1350	78 84 70 78 70 82 88 81	34-126 62-123 68-124 60-133 67-126 75-131 53-137 68-129
0.00 41.5 47.8 96.7 43.4 31.9 0.00	1410 1220 1350 1260 1410 1500 1350	84 70 78 70 82 88	62-123 68-124 60-133 67-126 75-131 53-137
41.5 47.8 96.7 43.4 31.9 0.00	1220 1350 1260 1410 1500 1350	70 78 70 82 88	68-124 60-133 67-126 75-131 53-137
47.8 96.7 43.4 31.9 0.00	1350 1260 1410 1500 1350	78 70 82 88	60-133 67-126 75-131 53-137
43.4 31.9 0.00	1260 1410 1500 1350	70 82 88	67-126 75-131 53-137
31.9 0.00	1500 1350	82 88	75-131 53-137
0.00	1350	88	53-137
1		81	
86.2			1
	1200	67	67-131
0.00	1560	93	51-138
126	1320	71	71-132
0.00	1390	83	65-126
44.2	1640	96	34-170
0.00	1010	60*	62-113
42.4	1330	77	66-128
100	1260	69	33-155
	0.00	0.00 1010 42.4 1330	0.00 1010 60* 42.4 1330 77

#	Column	to be use	ed to	flag recovery	and RPD	values	with	an	asterisk
*	Values	outside d	of QC	limits					

COMMENTS:	

page 1 of 2

# FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04042

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L RPD	IMITS REC.
Acenaphthene	1630	1270	78	0	20	34-126
Acenaphthylene	1630	1380	85	ĭ	20	62-123
Anthracene	1630	1220	72	3	20	68-124
Benzo(a)Anthracene	1630	1400	83	6	20	60-133
Benzo(b)fluoranthene	1630	1350	77	10	20	67-126
Benzo(k)fluoranthene	1630	1380	82	0	20	75-131
Benzo(g,h,i)perylene	1630	1590	96	9	20	53-137
Benzo(a)pyrene	1630	1340	82	1	20	68-129
Chrysene	1630	1210	69	3	20	67-131
Dibenzo(a,h)anthracene	1630	1720	106	13	20	51-138
Fluoranthene	1630	1280	71	0	20	71-132
Fluorene	1630	1370	84	1	20	65-126
Indeno(1,2,3-cd)pyrene	1630	1800	108	12	20	34-170
Naphthalene	1630	1050	64	6	20	62-113
Phenanthrene	1630	1310	78	1	20	66-128
Pyrene	1630	1210	68	1	20	33-155

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 16 outside limits

Spike Recovery: 1 out of 32 outside limits

COMMENTS:

# FORM 2 WATER BNA-GCMS SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-902

CL	IENT	***	S1		S2	S3		S4		S5		S6		S7		S8	TO
SA	MPLE	NO.	(NBZ	)#  ==	(FBP)#	(TPH			#		#		#		#	,	#   ๐ฃ
P05	050L	3	69	9	78	1	1				_  '	=====	=	====	==	=====	
980	9-902	2-2	69	<b>∍</b>	79	7	2		-		- -		-			ļ <del></del>	-
P05	050B	3	62		66	6	1 [		— I		- -				-		-
980	9-902	2-2M	64		83	6					- -		-1		—	·	-
980	9-902	2-25	57	7	69	5	8 [		<b>_</b> 1.		_ _		_[				-
ļ				—I		ļ	[_		_l.		_ _		$\Box 1$			<del></del>	•
<b> </b>				—i		l	-		].	<del>,</del> -	_ _		_		_		
J		·				l ——	-		-		_ _		.				. _
<del></del>				- -	<del></del>		-		- -		- -		— l				- -
				- -			-	-	-		- -	·	-/-				-1
							- -		- -		- -		- -		1		·I—
				_l.			-1-		— j -		- -		<b>-</b>  -	_			·
							_ -	•	-1-		- -		- -		-		·
				_1.			_		<b>-</b>  -		- -		- -		-		<b> -</b> -
l				_].					_[_		<u> </u>		_ -				1-
<u> </u>				-1-			_		_ _		_ _						
i		—— i		-			_		_1-	<u> </u>	_   _		_ _				
ļ ——		·		-					_ -		_   _		_ _		_		
<del></del>		<del></del>  -		- -			- -		-1-		-1-		_ -		_[		
' <del></del>		·		-			<del></del>  -		-]-		-   -		_ -		-1		<u> </u>
		i·		-[-			—] <b>-</b>		-1-		-   —		-1-				I
				-1-			-		- -		- -		- -		— J		]
				- -			- -		- -		- -		- -		- -		<b> </b>
				_ -			_ -		-1-		- -		- -		- -	<del></del>	
				_ _			_ -		- -		- -		<b>-</b>		-		ļ <del>-</del>
				_ _			_		- -		- -		- -		·		
				_ _					_[_		-		- -		- -		i —
		I.		_ _			_[[		_ _	,	1-		-1-		-1		

QC LIMITS S1 (NBZ) = Nitrobenzene-d5 S2 (FBP) = 2-Fluorobiphenyl S3 (TPH) = Terphenyl-d14 (35- 85) (46- 84) (33-113)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

# FORM 4 BNA-GCMS METHOD BLANK SUMMARY

CLIENT SAMPLE NO

P05050LB

Lab Name: ETC, INC.

Lab Prep Batch: P05050

Lab File ID: 0301003

Matrix: (soil/water) WATER

Level: (low/med) LOW

SDG No.: 9809-902

Instrument ID: BNA2

Date Analyzed: 10/02/98

Time Analyzed: 1035

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01 02 03 04 05	9809-902-2 P05050BS 9809-902-2M 9809-902-2S		0401004 0401004 0601006 0701007	10/02/98 10/04/98 10/02/98 10/02/98
06 07 08 09 10				
11 12 13 14 15				
17 18 19 20 21 22				
23 24 25 26 27				
28 29 30				

COMMENTS:		

page 1 of 1

3781566

# FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P05050LB

Lab Name: ETC, INC. SDG No.: 9809-902

Matrix: (soil/water) WATER

Lab Prep Batch: P05050

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: 0301003

Level: (low/med) LOW

Date Received: \_\_\_\_

Concentrated Extract Volume: 1(mL)

Date Analyzed: 10/02/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

83-32-9	CAS NO.	COMPOUND	CONCENTS (ug/L or	RATION UNITS: ug/Kg) UG/I	g Q
	208-96-8 120-12-7 56-55-3 205-99-2 207-08-9 191-24-2 50-32-8 218-01-9 53-70-3 206-44-0 86-73-7 91-20-3 91-20-3	AcenaphthylerAnthraceneBenzo(a)AnthraceneBenzo(b)fluoreneBenzo(k)fluoreneChryseneFluorantheneFluoreneIndeno(1,2,32-MethylnaphteneNaphthalenePhenanthrene	racene ranthene ranthene erylene nthracene		2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U 2.0 U

# FORM 3 WATER BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P05050

SDG No.: 9809-902

Matrix Spike - Sample No.: P05050LCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	8	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
				=====	=====
Acenaphthene	50.0		34.7	69	37-123
Acenaphthylene	50.0	-	37.6	75	67-118
Anthracene	50.0		34.7	69	68-124
Benzo(a)Anthracene	50.0		38.3	77	69-125
Benzo(b)fluoranthene	50.0		38.1	76	68-127
Benzo(k) fluoranthene	50.0		39.6	79	73-128
Benzo(g,h,i)perylene	50.0		34.7	69	53-138
Benzo(a) pyréne	50.0		36.6	73	73-125
Chrysene	50.0		36.8	74	70-124
Dibenzo(a,h)anthracene	50.0		34.4	69	57-136
Fluoranthene	50.0		34.7	69	55-135
Fluorene	50.0		37.5	75	66-121
Indeno(1,2,3-cd)pyrene	50.0		34.2	68	57-140
Naphthalene	50.0		29.8	60	55-113
Phenanthrene	50.0		33.7	67	65-126
Pyrene	50.0		34.9	70	40-149
1120.00				, ,	

#	Column	to be u	ısed	to	flag re	ecovery	and	RPD	values	with	an	asterisk
*	Values	outside	of	QC	limits							

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 16 outside limits

COMMENTS:

page 1 of 1

FORM 3
WATER BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P05050

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-2

#	Column	to be used	to	flag recovery and RPD values with an asteris
*	Values	outside of	QC	limits

COMMENTS:	

page 1 of 2

# FORM 3 WATER BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P05050

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-2

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD	% RPD #		IMITS REC.
Acenaphthene	50.0	31.6	63	19	20	34-126
Acenaphthylene	50.0	35.6	71	16	20	62-123
Anthracene	50.0	29.6	59*	13	20	68-124
Benzo(a)Anthracene	50.0	32.7	65	18	20	60-133
Benzo(b)fluoranthene	50.0	35.4	71	18	20	67-126
Benzo(k)fluoranthene	50.0	40.2	80	14	20	75-131
Benzo(g,h,i)perylene	50.0	27.5	55	27*	20	53-137
Benzo(a)pyrene	50.0	36.0	72	16	20	68-129
Chrysene	50.0	26.2	52*	18	20	67-131
Dibenzo(a,h)anthracene	50.0	27.1	54	23*	20	51-138
Fluoranthene	50.0	31.4	63*	13	20	71-132
Fluorene	50.0	34.2	68	16	20	65-126
Indeno(1,2,3-cd)pyrene	50.0	26.1	52	27*	20	34-170
Naphthalene	50.0	26.6	53*	12	20	62-113
Phenanthrene	50.0	28.0	56*	16	20	66-128
Pyrene	50.0	29.8	60	15	20	33-155

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 3 out of 16 outside limits Spike Recovery: 7 out of 32 outside limits

COMMENTS:

page 2 of 2

# **Quality Control Reports**

**GC** Pesticides

3781571

₹ . F

ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3550B

## HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

# QUALITY CONTROL

OC Batch Form 4 Summary P06022 P06022LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> P06022LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9809-902-01 RPD: All analytes within QC limits.\* RA-C-018 Spike Recovery: All analytes within QC limits.\*

Recoveries and RPDs for multiple analytes were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06022LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6\*
Calibration Verification : All criteria met. FORM 7\*\*
Endrin/Breakdown : All criteria met. FORM 7

Initial Calibration(ICAL): P110071A. (Primary)
Analyte %RSD(Average >/=20) Curve
delta-BHC 21.9 Average

High responses indicates that reported levels for this analyte may be biased high. Recovery for delta-BHC in P06022LCS were within QC Limits. The data was not affected.

0

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Client Name

Project Name

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

<u>Calibration Verification(CV) : P110061A.22R (Primary)</u> Analyte %Diff(15% Max) Response 4,4'-DDT 22.8 High Endrin 23.2 Low Endrin aldehyde 32.2 High Endrin ketone 25.6 High Methoxychlor 20.3 High

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P06022LB and Blank Spike P06022LCS were the only samples associated with this CV. Recoveries for all analytes in P06022LCS were within QC Limits. The data was not affected.

#### <u>Calibration Verification(CV) : P110061A.23R (Primary)</u> Analyte %Diff(15% Max) Response 4,4'-DDT 20.2 High

25.6 Endrin Low Endrin aldehyde 32.2 High Endrin ketone 17.5 High 15.9 Heptachlor High Methoxychlor 20.0 High

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P06022LB and Blank Spike P06022LCS were the only samples associated with this CV. Recoveries for all analytes in P06022LCS were within QC Limits. The data was not affected.

# Calibration Verification(CV): P110061B.22R (Confirmation)

Analyte	Diff(15% Max)	Response
Endrin	16.0	Low
Endrin aldehyde	29.0	High
Heptachlor	17.5	High
Methoxychlor	29.5	High
Decachlorobipher	nyl 17.5	Low

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P06022LB and Blank Spike P06022LCS were the only samples associated with this CV. Recoveries for all analytes in P06022LCS were within QC Limits. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

<u>Calibration Verifi</u>		P110061B.23R	(Confirmation)
Analyte %Di	ff(15% Max)	Response	
Endrin	25.0	Low	
Endrin aldehyde	24.5	High	
Methoxychlor	24.5	High	
Decachlorobiphenyl	18.0	Low	

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P06022LB and Blank Spike P06022LCS were the only samples associated with this CV. Recoveries for all analytes in P06022LCS were within QC Limits. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

# Calibration Verification (CV): P110071B.32R (Confirmation)Analyte%Diff(15% Max)ResponseEndrin25.5LowEndrin aldehyde55.5HighEndrin ketone21.0HighDecachlorobiphenyl27.0Low

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Surrogate recoveries for all samples were within QC Limits. Recoveries for analytes were within QC Limits for P06022LCS. The data was not affected.

Calibration Verifi	cation(CV) :	P110071B.33R	(Confirmation)
Analyte %Di	ff(15% Max)	Response	
Endrin	32.5	Low	
Endrin aldehyde	41.5	High	
Endrin ketone	15.5	High	
Decachlorobiphenyl	31.0	Low	

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Surrogate recoveries for all samples were within QC Limits. Recoveries for analytes were within QC Limits for P06022LCS. The data was not affected.

# <u>Calibration Verification(CV): P110071A.32R (Primary)</u>

Several analytes were flagged for high and low responses in this Calibration Verification. Results were reported from the confirmation analysis. The data was not affected.

3731574

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

: OHM Remediation Services Corp.: Defense Depot Memphis TN Client Name

Project Name

: \_9809-902 : \_8081A/3550B ETC Order # Method (SW-846)

#### CALIBRATION

#### Calibration Verification(CV): P110071A.33R (Primary)

Several analytes were flagged for high and low responses in this Calibration Verification. Results were reported from the confirmation analysis. The data was not affected.

<u>Calibration Verification(CV): P110071A.34R (Primary)</u>

Analyte %Diff(15% Max) Response

Decachlorobiphenyl 18.0

Low response for Decachlorobiphenyl indicates that reported level for this analyte may be biased low. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

<u>Calibration Verification(CV): P110071B.34R (Confirmation)</u>

%Diff(15% Max) Analyte Response

Decachlorobiphenyl Low 29.4

Low response for Decachlorobiphenyl indicates that reported level for this analyte may be biased low. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.\*

Dilution of 1:10 was performed on sample 9809-902-01(RA-C-018) to bring the Target Analyte(s) within calibration range.

:3.781575

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - AQUEOUS

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3510C

#### HOLDING TIMES

Sample Extraction : All aqueous samples extracted within 7 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

## QUALITY CONTROL

OC Batch Form 4 Summary P07020 P07020LB

System Monitoring Compounds FORM 2
Surrogate recoveries within QC limits.\*

Surrogate recoveries for Decachlorobiphenyl were flagged as outside QC Limits in Method Blank P07020LB and Blank Spike P07020LCS. This sample was re-analyzed for verification with similar recoveries. Surrogate recoveries for Tetrachloro-m-xylene were within QC Limits.

Laboratory Control Sample FORM 3
P07020LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

RA-C-018 RPD : All analytes within QC limits.\*

RA-C-018 Spike Recovery : All analytes within QC limits.\*

Recoveries and RPD for Endrin aldehyde were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Recovery for Endrin Ketone was flagged for high recovery in the Matrix Spike. Matrix Spike Duplicate recovery was within QC Limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P07020LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6\*
Calibration Verification : All criteria met. FORM 7\*\*
Endrin/Breakdown : All criteria met. FORM 7

High responses indicates that reported levels for this analyte may be biased high. Recovery for delta-BHC in P06022LCS were within QC Limits. The data was not affected.

000059

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - AQUEOUS

3781576

: \_OHM Remediation Services Corp.: \_Defense Depot Memphis TN Client Name

Project Name

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3510C

# CALIBRATION

<u>Calibration Verification(CV): P110061A.22R (Primary)</u> Analyte %Diff(15% Max) Response 4,4'-DDT High 22.8 23.2 Endrin Low Endrin aldehyde 32.2 High Endrin ketone 25.6 High 20.3 Methoxychlor High

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P07020LB and Blank Spike P07020LCS were the only samples associated with this CV. Recoveries for all analytes in P07020LCS were within QC Limits. The data was not affected.

Calibration Ver	rification(CV) :	P110061A.23R	(Primary)
	%Diff(15% Max)	Response	
4,4'-DDT	20.2	High	
Endrin	25.6	Low	
Endrin aldehyde	32.2	High	
Endrin ketone	17.5	High	
Heptachlor	15.9	High	
Methoxychlor	20.0	High	

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P07020LB and Blank Spike P07020LCS were the only samples associated with this CV. Recoveries for all analytes in P07020LCS were within QC Limits. The data was not affected.

Calibration Verif	ication(CV) :	P110061B,22R	(Confirmation)
Analyte %D	iff(15% Max)	Response	
Endrin	16.0	Low	
Endrin aldehyde	29.0	High	
Heptachlor	17.5	Нigh	
Methoxychlor	29.5	High	
Decachlorobipheny	·1 17.5	Low	

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P07020LB and Blank Spike P07020LCS were the only samples associated with this CV. Recoveries for all analytes in P07020LCS were within QC Limits. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

1 4

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - AQUEOUS

Client Name : \_OHM Remediation Services Corp. Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3510C

#### CALIBRATION

<u>Calibration Ver</u>	ification(CV) :	P110061B.23R	(Confirmation)
Analyte	Diff(15% Max)	Response	(OCCIPIENT MACE TOTAL)
Endrin	25.0	Low	
Endrin aldehyde	24.5	High	
Methoxychlor	24.5	High	
Decachlorobipher	nyl 18.0	Low	

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Method Blank P07020LB and Blank Spike P07020LCS were the only samples associated with this CV. Recoveries for all analytes in P07020LCS were within QC Limits. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

# Calibration Verification(CV):P110071B.32R (Confirmation)Analyte%Diff(15% Max)ResponseEndrin25.5LowEndrin aldehyde55.5HighEndrin ketone21.0HighDecachlorobiphenyl27.0Low

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Surrogate recoveries for all samples were within QC Limits. Recoveries for analytes were within QC Limits for P07020LCS. The data was not affected.

<u>Calibration Verifi</u>	cation(CV) :	P110071B.33R	(Confirmation)
Analyte %Di	ff(15% Max)	Response	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Endrin	32.5	Low	
Endrin aldehyde	41.5	High	
Endrin ketone	15.5	High	
Decachlorobiphenyl	31.0	Low	

Low response for Decachlorobiphenyl and Endrin indicate that reported level for these analytes may be biased low. High responses indicates that reported levels for these analytes may be biased high. Surrogate recoveries for all samples were within QC Limits. Recoveries for analytes were within QC Limits for P07020LCS. The data was not affected.

# Calibration Verification(CV): P110071A.32R (Primary)

Several analytes were flagged for high and low responses in this Calibration Verification. Results were reported from the confirmation analysis. The data was not affected.

# ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN
CASE NARRATIVE
GC PESTICIDES - AQUEOUS

3781578

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8081A/3510C

#### CALIBRATION

# Calibration Verification(CV) : P110071A.33R (Primary)

Several analytes were flagged for high and low responses in this Calibration Verification. Results were reported from the confirmation analysis. The data was not affected.

Calibration Verification(CV): P110071A.34R (Primary)
Analyte %Diff(15% Max) Response

Decachlorobiphenyl 18.0 Low

Low response for Decachlorobiphenyl indicates that reported level for this analyte may be biased low. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

Low response for Decachlorobiphenyl indicates that reported level for this analyte may be biased low. Surrogate recoveries for all samples were within QC Limits. The data was not affected.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

# FORM 2 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-902

Level: (low/med) LOW

SAMPLE NO. (TMX)# (DBC)# # # # # # # # # # # # # OUT  01 P06022LB 61 88 02 P06022LCS 74 102 03 9809-902-1 96 91 04 9809-902-1 88 66 05 9809-902-1MS 91 81 06 9809-902-1MS 86 68 07 08 09 10 11 11 12 13 14 15 16 17 18 19 20 20 21 22 23 24 24 25 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30		EPA GC	S1	S2	S3	S4	T S5	S6		S8	TOT
01   P06022LB   F1   F2   F2   F2   F2   F2   F2   F2		SAMPLE NO.	(TMX)#	(DBC)#	#						OTIT
02 P06022LCS		!			=====	1			=====	1	
03 9809-902-1 96 91 00 00 00 00 00 00 00 00 00 00 00 00 00			61			1					ا ما
04 9809-902-1 96 91 00 00 00 00 00 00 00 00 00 00 00 00 00		P06022LCS									1 1
05 9809-902-1MS 91 81		9809-902-1									
06 9809-902-1MS 86 68		9809-902-1							<del></del>		
07		9809-902-1MS							i ———		
08       09         10       —         11       —         12       —         13       —         14       —         15       —         16       —         17       —         18       —         19       —         20       —         21       —         23       —         24       —         25       —         26       —         27       —         28       —         29       —	06	9809-902-1MS	86	68							
09       —						l					
10	08					l					
11	10	·									
12	111					l ———					
13	12						l ——				
14 15 16 17 18 19 20 21 22 23 24 24 25 26 27 28 29						l ———					
15	14					<del></del>					
16 17 18 19 20 21 22 23 24 25 26 27 28 29	15		<del></del>								
17 18 19 20 21 22 23 24 25 26 27 28 29	16			i							
18 19 20 21 22 23 24 25 26 27 28 29							l ———		!———I		
20 21 22 23 24 25 26 27 28 29	18										
21 22 23 24 25 26 27 28 29									I		
22 23 24 25 26 27 28 29	20										
23 24 25 26 27 28 29	21							·			
24 25 26 27 28 29	22									<del></del>	
25 26 27 28 29										<del></del> [	
26 27 28 29	24										
27 28 29	25										
28 29	26										-
29	27		i.								
30	28		,								
30	29	.	f.								
· · · · · · · · · · · · · · · · · · ·	301			I.							

QC LIMITS (39-130) (64-154) S1 (TMX) = Tetrachloro-m-xylene
S2 (DBC) = Decachlorobiphenyl

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PESTICIDE

000063

Lab Name: ETC, INC.

Lab Prep Batch: P06022

Lab File ID: P110071B-12R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

P06022LB

SDG No.: 9809-902

Instrument ID: PEST1B

Date Analyzed: 10/07/98

Time Analyzed: 1819

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	1			
	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
0.1	DOCCOST CO		D4400643 400	
01	P06022LCS		P110061A-18R	10/07/98
02	9809-902-1		P110071B-18R	10/07/98
03	9809-902-1		P110071B-19R	10/07/98
04	9809-902-1MS		P110071B-30R	10/08/98
05	9809-902-1MS		P110071B-31R	10/00/30
	9009-902-IMS		F1100/1D-21K	10/08/98
06	l			
07				
08		i		
09			-	
10				
11				
12				
			:	
13				
14				
15				
16			•	
17				
18				
19				
20				
21				
22				
23				
24				
24				
25				
26				
27				
28	· · · · · · · · · · · · · · · · · · ·			
29	<del></del>			
30				
JU				

COMMENTS	:				
		 <del></del>	 	 <del></del>	

page 1 of 1

P06022LB

Lab Name: ETC, INC. SDG No.: 9809-902

Matrix: (soil/water) SOIL

Lab Prep Batch: P06022

Sample wt/vol:

30.0 (g/mL) G Lab File ID: P110071B-12R

Level: (low/med) LOW

Date Received:

Concentrated Extract Volume: 10(mL)

Date Analyzed: 10/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND		rration U		Q
309-00-2		·		1.33	U
319-84-6	alpha-BHC			1.33	
319-85-7	beta-BHC			1.33	1
319-86-8	delta-BHC		<del></del> ļ	1.33	
58-89-9	gamma-BHC			1.33	1
5103-71-9	alpha-chlorda	ne	-	1.33	_
5103-74-2	gamma-chlorda	ne		1.33	_
	4,4'-DDD	<del></del>		1.33	
72-55-9	4,4'-DDE	<del></del>		1.33	·
50-29-3	4,4'-DDT			1.33	
60-57-1	Dieldrin			1.33	
959-98-8	Endosulfan I		·	1.33	-
33213-65-9	Endosulfan IT			1.33	-
1031-07-8	Endosulfan su	lfate		1.33	_
72-20-8	Endrin	<del></del>	<del></del>	1.33	
7421-93-4	Endrin aldehyo	de		1.33	
53494-70-5	Endrin ketone	<del></del>		1.33	
76-44-8	Heptachlor			1.33	-
1024-57-3	Heptachlor epo	oxide		1.33	
72-43-5	Methoxychlor			1.33	

# FORM 3 SOIL PESTICIDE LABORATORY CONTROL SAMPLE

3781582

Lab Name: ETC, INC.

Lab Prep Batch: P06022

SDG No.: 9809-902

Matrix Spike - Sample No.: P06022LCS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	<b>8</b>	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
=======================================		============	======================================	=====	=====
Aldrin	33.33333	İ	25.85689	78	31-111
alpha-BHC	33.33333		25.68572	77	22-112
beta-BHC	33.33333		28.20837	85	54-120
delta-BHC	33.33333		25.20782	76	10- 96
gamma-BHC (Lindane)	33.33333		27.23563	82	26-113
alpha-chlordane	33.33333		27.71530	83	49-103
gamma-chlordane	33.33333		28.57367	86	50-106
4,4'-DDD	33.33333		28.01897	84	47-112
4,4'-DDE	33.33333		27.38465	82	36-117
4,4'-DDT	33.33333		36.01225	108	49-124
Dieldrin	33.33333		27.57670	83	44-108
Endosulfan I	33.33333		28.95644	87	49-103
Endosulfan II	33.33333		31.64190	95	53-115
Endosulfan sulfate	33.33333		33.15809	99	51-110
Endrin	33.33333		21.65939	65	44-118
Endrin aldehyde	33.33333		35.76248	107	48-128
Endrin Ketone	33.33333	1	33.65884	101	38-130
Heptachlor	33.33333		29.57772	89	47-113
Heptachlor epoxide	33.33333		27.57956	83	47-112
Methoxychlor	33.33333		38.37436	115	39-147

#	Column	to be used	to	flag recovery a	and R	RPD	values	with	an	asterisk
*	Values	outside of	OC.	limits						

001817N1700	
COMMENTS:	
	_

page 1 of 2

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06022

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-1 Level: (low/med) LOW

COMPONING	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %	QC. LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aldrin	33.00	======================================	~~=====================================	=====	=====
alpha-BHC	33.00	5.75 0.000	26.38	62	31-111
beta-BHC	33.00	4.02	26.15	79	22-112
delta-BHC	33.00	9.83	68.11	194*	54-120
gamma-BHC	33.00	6.31	29.01 27.92	58	10- 96
alpha-chlordane	33.00	33.25	69.04	65 108*	26-113
gamma-chlordane	33.00	23.23	58.52	107*	49-103
4.4'-DDD	33.00	26.56	305.4		50-106 47-112
4,4'-DDE	33.00	56.22	81.23	76	36-117
4,4'-DDT	33.00	83.92	128.6		49-124
Dieldrin	33.00	158.2	196.9	117*	44-108
Endosulfan I	33.00	0.000	30.98	94	49-103
Endosulfan II	33.00	4.91	33.59	87	53-115
Endosulfan sulfate	33.00	7.80	34.08	80	51-110
Endrin	33.00	0.000	21.27	64	44-118
Endrin aldehyde	33.00	0.000	40.14	122	48-128
Endrin ketone	33.00	0.000	37.55	114	38-130
Heptachlor	33.00	5.06	33.64	87	47-113
Heptachlor epoxide	33.00	6.01	31.34	77	47-112
Methoxychlor	33.00	4.23	36.42	98	39-147

#	Column	to be used	to	flag recovery and RPD values with an asterisk
*	Values	outside of	QC	limits

COMMENTS:	

page 1 of 2

#### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06022

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-1

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #		IMITS REC.
=======================================	=======	=======================================	<b>==</b> ===	=====	=====	=====
Aldrin	33.33	25.44	59	5	20	31-111
alpha-BHC	33.33	25.03	75	5	20	22-112
beta-BHC	33.33	29.87	78	85*	20	54-120
delta-BHC	33.33	27.86	54	7	20	10- 96
gamma-BHC	33.33	26.44	60	8	20	26-113
alpha-chlordane	33.33	139.9	320*	99*	20	49-103
gamma-chlordane	33.33	128.4	316*	99*	20	50-106
4,4'-DDD	33.33	26.66	0*	200*	20	47-112
4,4'-DDE	33.33	92.89	110	36*	20	36-117
4,4'-DDT	33.33	141.6	173*	25*	20	49-124
Dieldrin	33.33	212.2	162*	32*	20	44-108
Endosulfan I	33.33	29.80	89	5	20	49-103
Endosulfan II	33.33	31.96	81	7	20	53-115
Endosulfan sulfate	33.33	32.72	75	6	20	51-110
Endrin	33.33	24.80	74	14	20	44-118
Endrin aldehyde	33.33	47.26	142*	15	20	48-128
Endrin ketone	33.33	34.77	104	9	20	38-130
Heptachlor	33.33	33.96	87	0	20	47-113
Heptachlor epoxide	33.33	38.93	99	25*	20	47-112
Methoxychlor	33.33	33.85	89	10	20	39-147

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 8 out of 20 outside limits Spike Recovery: 12 out of 40 outside limits

COMMENTS:

page 2 of 2

#### FORM 2 WATER PESTICIDE SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-902

	EPA GC	S1	S2	S3		S4		S5		S7	1-		mom.
	SAMPLE NO.	(TMX)#	(DBC)#		#		#	#	30 #		#	S8 #	TOT
	=========	=====	=====	=====	<u>-</u>	=====			==== <i>"</i>	=====		# =====	OUT
01		76	30*		- 1		İ				_ _		
02	P07020LCS	74	24*		-		-			·	- -		1 1
03	P07020LB	69	29*		_[		-			·   <del></del>	- -		
04	P07020LCS	84	23*		-1		- i				- -		1 1
05	9809-902-2	88	62		-		-			<del></del> -	- -		6
06		93	69		-		-1			I ——	- -		0
07	9809-831-1MS	88	80		-		-1	———I-		<del></del>	- -		ő
08	9809-831-1MS	80	71		-		-1		· · · · ·	<del></del>	- -		0
09					7		-			ļ <del></del>	- -		۱ ۲
10					-		-				- -		
11					-		-1			l ——	- -		
12				-	7		-1			<del></del>	- -		
13					-1		-	-			-		<del></del>
14					_		-1				-1		
15					-		-1			<del></del>	- -	<del></del> [	
16					- [		-1				- -		
17					-   .		- -				- -	<del></del>	
18					- -		- -				- -	——— j	
19					-   -		- -		<del></del>	<del></del>	-		
20					-1.		- -			l — —	- -		
21					- -		- -				-		
22					-   -		- -			-	· ㅡ	<del></del> i	
23					- -		-1-				- -	<del></del> i	
24					-   -		- -			<del>-</del>	- -		<del></del>
25					- -		- -				· —	<del></del>	
26					- -		- -				-	<del></del>	
27					-   -		- -				· -	<del></del>	
28					-1-		- -				-1-		
29					- -		- -		———— <u> </u>		·]—	I	
30					- -		- -			<del></del>	·1—		<del></del>
	•		<del></del>		٠ ' -		- ' -				. I	<b></b> l.	

QC LIMITS S1 (TMX) = Tetrachloro-m-xylene
S2 (DBC) = Decachlorobiphenyl (31- 96) (34-115)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PESTICIDE

3000**69** 

# FORM 4 PESTICIDE METHOD BLANK SUMMARY

Lab Name: ETC, INC.

Lab Prep Batch: P07020

Lab File ID: P110071B-13R

Matrix: (soil/water) WATER

Level: (low/med) LOW

SDG No.: 9809-902

Instrument ID: PEST1B

Date Analyzed: 10/07/98

Time Analyzed: 1855

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	========	<b>====</b> =======	=========	
01	P07020LCS		P110061A-16R	10/07/98
02	P07020LCS		P110071B-15R	10/07/98
03	9809-902-2		P110071B-20R	10/07/98
04	9809-831-1		P110071B-25R	10/08/98
06	9809-831-1MS	}	P110071B-28R	10/08/98
07	9809-831-1MS		P110071B-29R	10/08/98
08		-		
09				
10				
11		<del></del>		
12	<del></del>		-	
13				
14				
15				
16 17				
18	<del></del>			
19				
20	<u> </u>			
21				
22				
23		-		
24				
25				
26				
27				
28		<u> </u>		
29				
30	l			

COMMENTS:	

page 1 of 1

#### FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P07020LB

Lab Name: ETC, INC.

SDG No.: 9809-902

Matrix: (soil/water) WATER

Lab Prep Batch: P07020

Sample wt/vol:

1000 (g/mL) ML

Lab File ID: P110071B-13R

Level: (low/med) LOW

Date Received: \_\_\_\_

Concentrated Extract Volume:

10(mL)

Date Analyzed: 10/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2 319-84-6 319-85-7 319-86-8 58-89-9 5103-71-9 72-54-8 72-55-9 50-29-3 60-57-1 959-98-8 33213-65-9	Aldrinalpha-BHCbeta-BHCdelta-BHCqamma-BHCalpha-chlordaqamma-chlorda4,4'-DDD4,4'-DDTDieldrinEndosulfan IT	(ug/L or ug/Kg) UG/L  0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400 0.0400	מממממ ממממ מממ מממ
53494-70-5 76-44-8 1024-57-3	EndrinEndrin aldehydEndrin ketoneHeptachlor epdMethoxychlor	0.0400	U U U

#### FORM 3 WATER PESTICIDE LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P07020

SDG No.: 9809-902

Matrix Spike - Sample No.: P07020LCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	8	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
		========		======	======
Aldrin	1.00		0.784	78	34-105
alpha-BHC	1.00	•	0.825	82	41-102
beta-BHC	1.00		0.922	92	26-151
delta-BHC	1.00		0.782	78	21- 92
gamma-BHC	1.00		0.838	84	41-102
alpha-chlordane	1.00	l	0.886	89	48-117
gamma-chlordane	1.00		0.892	89	50-108
4,4'-DDD	1.00		0.878	88	39-124
4,4'-DDE	1.00		0.825	82	41-111
4,4'-DDT	1.00		0.953	95	39-123
Dieldrin	1.00		0.863	86	42-111
Endosulfan I	1.00		0.873	87	48-117
Endosulfan II	1.00		0.864	86	52-114
Endosulfan sulfate	1.00		0.888	89	46-111
Endrin	1.00		0.762	76	45-117
Endrin aldehyde	1.00		1.08	108	48-125
Endrin ketonê	1.00		1.02	102	51-112
Heptachlor	1.00		0.836	84	43-114
Heptachlor epoxide	1.00		0.886	89	42-115
Methoxychlor	1.00		0.969	97	39-140
<u> </u>			3.303	3.	10

#	Column	to k	эe	used	to	flag	recovery	and	RPD	values	with	an	asterisk
	**- 7				~~	- T							

\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 20 outside limits

$\sim$	~14	347	'NT	· •

# FORM 3 WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P07020

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-831-1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Aldrin alpha-BHC beta-BHC delta-BHC gamma-BHC alpha-chlordane gamma-chlordane 4,4'-DDD 4,4'-DDT Dieldrin Endosulfan I Endosulfan II Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone Heptachlor epoxide	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.000 0.000 0.000 0.000 0.000 0.0140 0.0829 0.0153 0.000 0.0250 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.782 0.777 0.931 0.844 0.807 0.911 0.931 0.977 0.858 1.02 0.893 0.944 1.03 1.04 0.738 1.18 0.878 0.882	78 78 93 84 81 90 85 96 86 100 89 94 103 104 74 146* 118* 87	34-105 41-102 26-151 21-92 41-102 48-117 50-108 39-124 41-111 39-123 42-111 48-117 52-114 46-111 45-117 48-125 51-112
Methoxychlor	1.00	0.000	1.10	110	42-115 39-140

#	Column	to be used	to	flag recovery and RPD values with an asterisk
*	Values	outside of	QC	limits

COMMENTS:	

page 1 of 2

## FORM 3 WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P07020

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-831-1

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #		IMITS REC.
Aldrin	1.00	0.707	71	9	20	34-105
alpha-BHC	1.00	0.711	71	9	20	41-102
beta-BHC	1.00	0.849	85	9	20	26-151
delta-BHC	1.00	0.794	79	6	20	21- 92
gamma-BHC	1.00	0.738	74	9	20	41-102
alpha-chlordane	1.00	0.816	80	12	20	48-117
gamma-chlordane	1.00	0.841	76	11	20	50-108
4,4'-DDD	1.00	0.864	85	12	20	39-124
4,4'-DDE	1.00	0.764	76	12	20	41-111
4,4'-DDT	1.00	0.919	89	12	20	39-123
Dieldrin	1.00	0.816	82	8	20	42-111
Endosulfan I	1.00	0.852	85	10	20	48-117
Endosulfan II	1.00	0.939	94	9	20	52-114
Endosulfan sulfate	1.00	0.959	96	8	20	46-111
Endrin	1.00	0.683	68	8	20	45-117
Endrin aldehyde	1.00	0.278	28*	136*	20	48-125
Endrin ketone	1.00	1.08	108	9	20	51-112
Heptachlor	1.00	0.790	78	11	20	43-114
Heptachlor epoxide	1.00	0.798	78	11	20	42-115
Methoxychlor	1.00	1.01	101	8	20	39-140

#	Column	to be used	d to	flag recovery	and RPI	) values	with	an	asterisk
*	Values	outside of	f QC	limits					

RPD: 1 out of 20 outside limits

Spike Recovery: 3 out of 40 outside limits

COMMENTS:	CC	MM	EN	TS	:
-----------	----	----	----	----	---

page 2 of 2

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

GC PCBs

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBs - SOIL

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8082/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06022 P06022LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 P06022LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3
9809-902-01 RPD: All analytes within QC limits.
RA-C-018 Spike Recovery: All analytes within QC limits.\*

Recoveries for Aroclor 1260 were flagged outside QC Limits in the Matrix Spike and Matrix Spike Duplicate.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06022LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

#### FORM 2 SOIL PCB SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.: SDG No.: 9809-902

Level: (low/med) LOW

	EPA GC	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	OTHER	
	=======================================		(DBC)#	#		OUT
01	P06022LB	F 2			== <b>==</b> ==	===
02	P06022LCS	53	92			0
03	P06022LC5	64	86		·	0
	9809-902-1	73	93	l		0
04	9809-902-1MS	71	84	l		0
05	9809-902-1MS	59	93			0
06				l		!!
07						
80						
09						
10						
11						
12						
13						
14				[		
15				<del>  </del>		
16						
17						
18					<del></del> j	
19						
20			<del></del>		<del></del>	
21						
22					i	
23	<del></del>				———I	
24						
25						
26						
27	<del></del>					
20						
28						
29		1				
30						

QC LIMITS SMC1 (TMX) = Tetrachloro-m-xylene (39-130) SMC2 (DBC) = Decachlorobiphenyl (64-154)

- # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

FORM II PCB

P06022LB

Lab Name: ETC, INC.

Lab Prep Batch: P06022

Lab File ID: C210011A-12R

Date Analyzed: 10/02/98

GC Column: DB-608 ID: 0.53 (mm)

SDG No.: 9809-902

Lab Prep Batch: P06022

Time Analyzed: 0035

Heated Purge: (Y/N) N

Instrument ID: PEST2A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01 02 03 04 05	P06022LCS 9809-902-1 9809-902-1MS 9809-902-1MS		C210011A-14R C210011A-19R C210011A-20R C210011A-21R	0154 0510 0549 0628
06 07 08 09				
11 12 13 14 15				
16 17 18 19 20				
21 22 23 24 25				
26 27 28 29 30				

COMMENTS:	

page 1 of 1

FORM IV PCB

# FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06022LB

Lab Name: ETC, INC.

SDG No.: 9809-902

Matrix: (soil/water) SOIL

Lab Prep Batch: P06022

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: C210011A-12R

Level: (low/med) LOW

Date Analyzed: 10/02/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11104-28-2 11141-16-5 53469-21-9 11097-69-1 11096-82-5	Aroclor 1242	16.67 U 16.67 U 16.67 U 16.67 U 16.67 U 16.67 U 16.67 U 16.67 U	-

FORM I PCB

30**9079** 

#### FORM 3 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06022

SDG No.: 9809-902

Matrix Spike - Sample No.: P06022LCS Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		249.6	75	25-125
Aroclor 1260	333.3		266.0	80	25-125

# Column to be used to flag recovery and RPD values with an asterisk

-	Values	outside	o.f	00	1:::
*	VALUES	OULCIUE	ΩT	(1('	IIMITQ

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

COMMENTS:		

FORM III PCB

FORM 3 SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06022

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-902-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	332.2	0.000	301.2	91	25-125
Aroclor 1260	332.2		447.7	135*	25-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	~	MITS REC.
Aroclor 1242	332.2	288.7	87	4	20	25-125
Aroclor 1260	332.2	463.7	140*	4	20	25-125

RPD: 0 out of 2 outside limits
Spike Recovery: 2 out of 4 outside limits

COMMENTS:	

FORM III PCB

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

<sup>\*</sup> Values outside of QC limits

MEMPHIS, TN CASE NARRATIVE GC PCBs - AQUEOUS 3781598

Client Name : \_OHM Remediation Services Corp.
Project Name : \_Defense Depot Memphis TN

ETC Order # : \_9809-902 Method (SW-846) : \_8082/3510C

#### HOLDING TIMES

Sample Extraction : All aqueous samples extracted within 7 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P07020 P07020LB

System Monitoring Compounds FORM 2
Surrogate recoveries within QC limits.\*

Surrogate recovery for Decachlorobiphenyl was flagged as outside QC Limits in Method Blank P07020LB. Surrogate recovery for Tetrachloro-m-xylene was within QC Limits.

<u>Laboratory Control Sample FORM 3</u> P07020LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3
9809-831-01 RPD: All analytes within QC limits.
Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P07020LB

No Target Analytes detected above Practical Quantitation Limit.

- ~-

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9809-902

	EPA GC	SMC1	CMCC	CMOS	Lomino	Twow
	SAMPLE NO.		SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#		OUT
Δ1.	DOZGOLD		======	=====	<b>==</b> ====	===
01 02	P07020LB	66	32D			0
	P07020LCS	66	54	[ <del></del>		0
03	9809-831-1	80	83			0
04	9809-902-2	72	64			0
05	9809-831-1MS	70	84			0
06	9809-831-1MS	74	81			0
07						
08						
09						
10						
11						
12						
13						
14						
15					-	
16						
17					<del></del>	
18		<del></del>				
19			<del></del>			
20						-
21						—I
22					<del></del>	
23				<del></del> -		<del></del>
24			<del></del> -			
25						
26				<del></del> i		<del></del>
27						
28			I			
29				——— [	<del></del>	
30						
<b>30</b>	I	I	!		!	

QC LIMITS (31 - 96)(34-115)

- SMC1 (TMX) = Tetrachloro-m-xylene
  SMC2 (DBC) = Decachlorobiphenyl # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

FORM II PCB

# FORM 4 PCB METHOD BLANK SUMMARY

3781600

EPA GC SAMPLE NO.

P07020LB

Lab Name: ETC, INC.

Lab Prep Batch: P07020

Lab File ID: C210011A-13R

Date Analyzed: 10/02/98

SDG No.: 9809-902

Láb Prep Batch: P07020

Time Analyzed: 0114

GC Column: DB-608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: PEST2A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	==========			
01	P07020LCS		C210011A-15R	0233
02	9809-831-1		C210011A-24R	0826
03	9809-902-2		C210011A-27R	1024
04	9809-831-1MS		C210011A-31R	1301
05	9809-831-1MS		C210011A-34R	1459
06				
07				
80				
09				
10				
11				
12				
13				
14				
15		<u> </u>		
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:			
	7.44	 	

page 1 of 1

FORM IV PCB

000084

EPA GC SAMPLE NO.

P07020LB

Lab Name: ETC, INC.

SDG No.: 9809-902

Matrix: (soil/water) WATER

Lab Prep Batch: P07020

Sample wt/vol:

\_\_\_\_ (g/mL) ML

Lab File ID: C210011A-13R

Level: (low/med) LOW

Date Analyzed: 10/02/98

Dilution Factor: 1.0

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 12674-11-2----Aroclor 1016 0.500 U 11104-28-2----Aroclor 1221 0.500 U 11141-16-5-----Aroclor 1232 0.500 U 53469-21-9----Aroclor 1242 0.500 U 11097-69-1-----Aroclor 1254 11096-82-5-----Aroclor 1260 12672-29-6-----Aroclor 1248 0.500 U 0.500 U 0.500 U

FORM I PCB

Lab Name: ETC, INC.

Lab Prep Batch: P07020

SDG No.: 9809-902

Matrix Spike - Sample No.: P07020LCS

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Aroclor 1242 Aroclor 1260	10.00		8.43 8.89		25-125 25-125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

COMMENTS:	

FORM III PCB

#### FORM 3 WATER PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P07020

SDG No.: 9809-902

Matrix Spike - Sample No.: 9809-831-1

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Aroclor 1242 Aroclor 1260	10.00	0.000	8.77 8.49	88 85	25-125 25-125

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC L	IMITS REC.
Aroclor 1242	10.00	8.27	83	6	20	25-125
Aroclor 1260		8.98	90	6	20	25-125

RPD: 0 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

COMMENTS:		

FORM III PCB

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

<sup>\*</sup> Values outside of QC limits

# IMPORTED CLEAN BACKFILL (TOP SOIL) CONFIRMATION SAMPLE Date Collected 10/01/98

**RA-TS-007** 



#### ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road • Mempliis, TN 38111 • (901) 327-2750 • FAX (901) 327-6334

Founded 1972

October 5, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9810042 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV Chief Executive Officer

rt Attachment

OHM\_DDMT

### Chemical Analytical Data Review/Evaluation/Validation

SOUTHERN	PECTON
JUU I MEK.Y	A

Report Type. [ ] Preliminary [ 4 Final Date Received:	F	roject Numbe	r: <u>20</u>	564
Project Name: DDm T Analysis/Method:	TCL	10A . 12N/A	Pest/	PCP
	TAL	merals,	PHIORE	matter
	Lab Project/	Case Number:	9810	042
Sample Number(s): RA-TS-CO7				
	<del></del>	<del></del>		
Evaluated By: 5 7 as a njepe	Date Evalua	ed:	1,199	
Data Package Deliverables Requirement: [ ] OHM Minimum [ 4 OHI	M Standard	[]ОН	M Maximum	ı
[ ] Other, please describe				
Quality Control Deliverables				
PQL, MDL, RL, etc meets DQOs	Required	Received	Passed	Failed
Comment:			<u>L</u>	<u> </u>
Holding Times				
Comment:				
Sample Condition (preservatives, containers, temperature, etc) / Case Narrative	Х			T
Comment:	<del></del>			<u> </u>
Surrogate Recoveries	Х	T		
Comment:				<u> </u>
	<del>,</del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Lab Control Sample Recoveries  Comment:	X			
Comment				
Lab Control Sample Duplicate or Other Spike Recoveries	Х			
Comment:	,	1		<u> </u>
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD	<del> </del>	<del></del>		
Comment:	Х		<u> </u>	
Matrix Spike Recoveries	Х			T
Comment: out as for metals. LCS OK data	accept	ed	· · · · · · · · · · · · · · · · · · ·	
Matrix Spike Duplicate Recoveries	Х	[	u	
Comment: out for metals LCS OK data a	eccepte	d.		
Matrix Spike / Matrix Spike Duplicate RPD	х	T		T
Comment: out for metals. LCS recoveries of.	<u> </u>	acceptes		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
Laboratory Blanks (daily, method, instrument)  Comment: Ca, Fe defected. sample results 10K	X	<u></u>		1
	5190K	(onc. clas	ta ok	
Field Blanks (trip, eqpt rinsate, ambient, matrix)	X			
Comment:				
		· · · · · · · · · · · · · · · · · · ·		

Quality Control Deliverables			Required	Received	Passed	Failed
Field Duplicates RPD		/	X	Received	1 45564	Falled
Comment:	1					
Second Source Check						
Comment:	<del>/</del>			<u> </u>		
Second Column Confirmation			<del></del>		l	<del></del>
Comment:						
Percent Moisture/Solids			<del></del>	1		
Comment:		· · · · · · · · · · · · · · · · · · ·				
Initial / Continuing Calibrations	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del>	<del></del>	r	
Comment:						
Internal Standard Areas and Retention Times (Organics	n ()mlst)		· · · · · · · · · · · · · · · · · · ·			
Comment:	- Ciny)			2		
Chromatograms						
Comment:	<del> </del>			اسما		
	/					
Sample Prep Worksheets Comment:						
Raw Data Calculations	- 1111					
Comment:		<del></del>	<u> </u>	<u>-</u> 1	····	
Laboratory Duplicates		*				<del></del>
Comment:			<u>l</u>	l		
Instrument Performance Checks (Organics Only)		<del></del>				<u> </u>
Comment:						
Tentatively Identified Compounds (TICs)						<del></del>
Comment:	<del></del>	<u>, , , , , , , , , , , , , , , , , , , </u>				
Completeness	# Samples	1 # 4 - 10 - 20	T			
Completeness = (Tot # Analyses / Tot # Accepted Analyses) x 100	* Samples	# Analyses	Tot# Analyses	Tot # Accept /	Analyses	% Complete
General Comments:		1 7	1 7			100
Summary: See attached pages	· · · · · · · · · · · · · · · · · · ·					
Summary: [ ] See attached pages						
	<del></del>			·		
Sheck Applicable: [ ] Lab contacted—Corrective				·		
Check Applicable: [ ] Lab contacted—Corrective [ ] Corrective actions receive	ve actions in p ved and accent		ate Contacted			
[ ] The data, as reported by	the laboratory	, are accenta	able.			
[ ] The data, with qualifiers	as described i	in the "Sumr	nary" portion	of this report	L are acce	ntahie.
[ ] The data are unacceptable	le.				,	L
[ ] Other						· · · · · · · · · · · · · · · · · · ·
8-Pasayape			Ş	11/59 D	•	_
Evaluator's Signature		•		D	ate	

# Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report.

Q	Surrogate Recovery Outside QC Limits				
J	Estimated Value. Presence of the compound was confirmed but less than the				
	reported detection limit.				
Е	Concentration exceeds the established method calibration range but is within				
	the working range of the instrument.				
В	Analyte detected in the associated Method Blank.				
U	Reported result was unconfirmed. Refer to Case Narrative.				
N	Non-Compliance Report associated with this sample or project.				
C	Result reported from GC/MS confirmation analysis.				
NC	Result reported from Primary Column. Result did not confirm.				
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)				

Login Chain-of-Custody

OHM Remediation Services Corp

# CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

218026

Elena Rodriguez OHM & LAB COORDINATOR SAMPLES COLLECTED BY S. S. P. A. D. 0 00 PROJECT NAMIltem Steve Offner PROJECT MANAGER PROJECT CONTACT PROJECT AUDRESS Steve Offner 708 Dunn Ave PA-73-001 Sample Identifier Subsuhary of OHM Corporation US Route 224 East \* Findley, Ohio 45840 \* (419) 423-3526 Distribution White - Laboratory (To be returned with Analytical Report) Goldenrod - Project File, Yellow - Project Data Manager Memphis, TN 38114
PROJECT MANAGER S
PHONE 901-743-1117 Memphis IN 770-326-2571 LAB COORDINATOR'S PHONE CITY STATE AND ZIPCODE PROJECT PHONE NUMBER PROJECT LOCATION 770-734-8060 4.1 Malry 130 NA COURTER AND AIR BILL NUMBER Oak たま 770~453-7716 1 1 1 1 1 PROJECT MANAGER S. LAN PROJECT FAN 770-453-7716 LAB COORDINATOR STAN 901-743-1048 4/150 4,00 Oiliuc Red in \*or Cont PROJECT NEMBER 250 Clever N. メタ Person Memphis TN 38111 LABORATORY PHONE 901-327-2750 Analyses. 2924 Walnut Grove Road CITY STATE AND ZIR ODE LABORATORY SERVICE ID LABORATORY ADDRESS 1.ABORATOR) FAX 901-327-6334 Nathan Pera LABORATORY CONTACT SAMPLE S CONDITION UPON RECEIPT COOLER TEMPERATURE UPON RECLIPT SITE and to Lab Coordinator Please fax results on DUE DATE to Norceoss, 5445 Triangle Pkwy. RECIPIENT NAME
Elena Rodriguez OHM Remediation Services Corp CITY STATE AND ZIPCODE ADDRESS MAIL REPORT (COMPANY NAME) Comments FORM 0019 RIV 2-97 #400

L	IMS #9810-042	Number of Coolers 1
_		Date Received10/1/98  //DTSR _10/1/98 15 55
P	ROJECTDDMT/Memphis, TN	
	USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNING	G CHECK-IN PROBLEMS
A	PRELIMINARY EXAMINATION PHASE Date cooler was opened10/1/98	with By f
1	Did cooler come with a shipping slip (airbill,etc )?  If YES, enter carrier name & airbill number	NO NO
	Were custody seals on outside of cooler? Were custody seals on sample containers?	NO NO
3	Were custody seals unbroken and intact at the date and time of ${\tt arrival}{}^{\diamond}$	NA
4	Did you screen samples for radioactivity using a Geiger Counter?	NO
5	Were custody papers sealed in a plastic bag & taped inside to the lid?	NO
6	Were custody papers filled out properly (ink, signed, etc.)?	YES
7	Did you sign custody papers in the appropriate place?	YES
8	Was project identifiable from custody papers? If YES, enter project name	e at top of this form YES
9	If required, was enough ice used? cooler temp $\{<4}^{\circ}$ C $\{-}$ , Type of ice	CrushedYES
10	Have designated person initial here to acknowledge receipt of cooler	LB date10/1/98
В	LOG-IN PHASE Date samples were logged-in10/1/98	MET BUIL
	Describe type of packing in coolerBubble Wrap and Ice	Υ
12	Were all bottles sealed in separate plastic bags?	NO
13	Did all bottles arrive unbroken and were labels in good condition?	YES
14	Were all bottle labels complete (ID, date, time, signature, preserved,	tc )? YES
15	Did all bottle labels agree with custody papers?	YES
16	Were correct containers used for the tests indicated?	YES
17	Were correct preservatives added to samples?	YES
18	Was a sufficient amount of sample sent for tests indicated?	YES
19	Were bubbles absent in VOA samples? If NO, list by sample#	NA NA
20	Was the project manager called and status discussed? If YES, give detail	s on the back of this form NO
21	Who was called?By whom ?	(date)
VDT	SR - Validated Date/Time of Sample Receipt (Date sample is logged into L1	MS system)

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ANALYTICAL SUMMARY TABLE

3781612

Client Name Site ID

OHM Remediation Services

DDMT

Memphis, TN

ETC				
Sample ID	Field ID	<u>Matrix</u>	Method	Method Description
981004201	RA-TS-007	SOIL	6010B	Silver
981004201	RA-TS-007	SOIL	6010B	Aluminum
981004201 981004201	RA-TS-007	SOIL		
			7060A	Arsenic
981004201	RA-TS-007	SOIL	8270C	GC/MS Base/Neutral & Acid
981004201	RA-TS-007	SOIL	6010B	Barium
981004201	RA-TS-007	SOIL	6010B	Beryllium
981004201	RA-TS-007	SOIL	6010B	Calcium
981004201	RA-TS-007	SOIL	6010B	Cadmium
981004201	RA-TS-007	SOIL	9010A	Cyanide
981004201	RA-TS-007	SÖIL	6010B	Cobalt
981004201	RA-TS-007	SOIL	6010B	Chromium
981004201	RA-TS-007	SOIL	6010B	Copper
981004201	RA-TS-007	SOIL		EnCore Sampler (5 gram)
981004201	RA-TS-007	SOIL	6010B	Iron
981004201	RA-TS-007	SOIL	7471A	Mercury
981004201	RA-TS-007	SOIL	6010B	Potassium
981004201	RA-TS-007	SOIL	6010B	Magnesium
981004201	RA-TS-007	SOIL	6010B	Manganese
981004201	RA-TS-007	SOIL	6010B	Sodium
981004201	RA-TS-007	SOIL	6010B	Nickel
981004201	RA-TS-007	SOIL	D2974~87	Fractional Organic Matter
981004201	RA-TS-007	SOIL	8081A	Organochlorine Pesticides
981004201	RA-TS-007	SOIL	7421	Lead
981004201	RA-TS-007	SOIL	8082	PCBs
981004201	RA-TS-007	SOIL	9045C	pH - Corrosivity
981004201	RA-TS-007	SOIL	6010B	Antimony
981004201	RA-TS-007	SOIL	7740	Selenium
981004201	RA-TS-007	SOIL	7841	Thallium
981004201	RA-TS-007	SOIL	8260B	GC/MS Volatile Organics
981004201	RA-TS-007	SOIL	6010B	Vanadium
981004201	RA-TS-007	SOIL	6010B	Zinc
		2012		=====

Environmental Testing & Consulting, Inc.

**Sample Reports** 

# ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN

# INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

3781614

Client Name

:OHM Remediation Services

Project Name

Memphis, TN

: DDMT

Matrix :SOIL

Date Sample Received :10/01/98

Contract Laboratory Order Number :9810-042

Contract Lab Sample No	Client Sample <u>ID</u>	Date <u>Sampled</u>	Result <u>Units :(%</u>	Date ) Analyzed !	<u>Method</u>	<u>By</u>
9810-042-01	RA-TS-007	10/01/98	87	10/02/98	160.3	MC

LABORATORY MANAGER

000007

3781615

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID 9810042-01 Sample ID: RA-TS-007

Matrix :SOIL

Project # 20560

Sample Date :10/01/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide Fractional Organic Matter pH - Corrosivity	ND 1.74 6 0	mg∕Kg % SU	1 00		10/05/98 GD 10/02/98 BA 10/05/98 TL	D2974-87

LABORATORY MANAGER

(00008

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

3781616

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID 9810042-01

Sample ID: RA-TS-007

Project #. 20560

Matrix :SOIL

Sample Date :10/01/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZEI	BY	METHOD
Metals Digestion Batch	V8-S0-41					NR	3051
Mercury Digestion Batch	V4-SO-36					RM	7471A
Silver	ND	mg/Kg	0.700	12 · 47	10/05/98	TD	6010B
Aluminum	10,800	mg/Kg	4.00	12 · 47	10/05/98	TD	6010B
Arsenic	5.77	mg/Kg	0.200	10:58	10/05/98	JF	7060A
Barıum	85.0	mg/Kg	0.200	12:47	10/05/98	TD	6010B
Beryllium	0.468	mg/Kg	0.100	12:47	10/05/98	TD	6010B
Calcium	1,250	mg/Kg	1.00	12:47	10/05/98	TD	6010B
Cadmium	ND	mg/Kg	0 400	12:47	10/05/98	TD	6010B
Cobalt	7.14	mg/Kg	0 700	12:47	10/05/98	TD	6010B
Chromium	16 5	mg/Kg	0 700	12:47	10/05/98	$\mathbf{T}\mathbf{D}$	6010B
Copper	12.1	mg/Kg	0.600	12:47	10/05/98	TD	6010B
Iron	16,400	mg/Kg	0.700	13:13	10/05/98	TD	6010B
Mercury	0.025	mg/Kg	0.020	14:42	10/02/98	RM	7471A
Potassium	643	mg/Kg	20.0	12:47	10/05/98	TD	6010B
Magnesium	1,960	mg/Kg	3.00	12:47	10/05/98	TD	6010B
Manganese	582	mg/Kg	0.200	12 47	10/05/98	TD	6010B
Sodium	253	mg/Kg	20.0	12 47	10/05/98	TD	6010B
Nickel	15 0	mg/Kg	1.50	12:47	10/05/98	TD	6010B
Lead	7 60	mq/Kq	0 100	13:16	10/05/98	JF	7421
Antimony	ND	mg/Kg	3 20	12:47	10/05/98	TD	6010B
Selenium	ND	mg/Kg	0.200	14:09	10/05/98	JF	7740
Thallium	0.172	mg/Kg	0.100	16:19	10/02/98	TD	7841
Vanadium	22.7	mq/Kg	0.800	12:47	10/05/98	TD	6010B
Zinc	41.2	mg/Kg	1.00	12:47	10/05/98	TD	6010B

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

3781617

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

Project # 20560 FID # DACA45-96-D-0014

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID 9810042-01 Sample ID: RA-TS-007

Matrix :SOIL

Sample Date :10/01/98

FEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
GC/MS Volatile Organics							8260B
QC Batch	V1100401	ug/Kg			10/04/98	LS	
Acetone	ND	ug/Kg ug/Kq	75.0				
Benzene	ND	ug/Kg ug/Kg					
Bromodichloromethane	ND		3 00				
Bromoform	ND	ug/Kg ug/Kg	3 00				
Bromomethane	ND	ug/Kg ug/Ka	3.00				
Carbon Disulfide	ND		3 00				
Carbon Tetrachloride	ND	ug/Kg	37.5				
Chlorobenzene	ND	ug/Kg	3 00				
Chlorodibromomethane	ND	ug/Kg	3.00				
Chloroethane	ND	ug/Kg	3.00				
Chloroform		ug/Kg	3 00				
Chloromethane	ND	ug/Kg	3.00				
1,1-Dichloroethane	ND	ug/Kg	3 00				
1,2-Dichloroethane	ND	ug/Kg	3.00				
1,1-Dichloroethene	ND	ug/Kg	3.00				
trans-1,2-Dichloroethene	ND	ug/Kg	3.00				
1,2-Dichloropropane	ND	ug/Kg	3.00				
cis-1,3-Dichloropropene	ND	ug/Kg	3 00				
trans-1,3-Dichloropropene	ND	ug/Kg	3.00				
Ethylbenzene	ND	ug/Kg	3.00				
2-Hexanone (MBK)	ND	ug/Kg	_3.00				
4-Methyl-2 nentenens (MTDV)	ND	ug/Kg	75 0				
4-Methyl-2-pentanone (MIBK) 2-Butanone (MEK)	ND	ug/Kg	75.0				
Methylene Chloride	ND	ug/Kg	75.0				
Styrene	ND	ug/Kg	75.0				
1,1,2,2-Tetrachloroethane	ND	ug/Kg	3 00				
	ND	ug/Kg	3.00				
Tetrachloroethene	ND	ug/Kg	3.00				
Toluene	3.71	ug/Kg	3.00				
1,1,1-Trichloroethane	ND	ug/Kg	3.00				
1,1,2-Trichloroethane	ND	ug/Kg	3.00				
Trichloroethene	ND	ug/Kg	3.00				
Vinyl Acetate	ND	ug/Kg	37.5				
Vinyl Chloride	ND	ug/Kg	3.00				
o-Xylenes	ND	ug/Kg	3.00				
m-Xylenes	ND	ug/Kg	3.00				
p-Xylenes	ND	ug/Kg	3.00				
cis-1,2-Dichloroethene	ND	ug/Kg	3.00				
urrogate Standard	% Rec	overy	QC Lin	nits			
S1 - Dibromofluoromethane	108		85	119			
S2 - Toluene-d8	95		87	-			
S3 - 4-Bromofluorobenzene			0/	114			

LABORATORY MANAGER

ND - Not Detected

## FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Lab Name: ETC, INC.		Contract: ',	9810-042-1
Lab Code:	Case No.:	SAS No.:	SDG No.: 9810-042
Matrix: (soil/water)	SOIL	Lab Sample	ID:
Sample wt/vol:	3.8 (g/mL) G	Lab File I	D: 0401004
Level: (low/med)	LOW	Date Recei	ved:
% Moisture: not dec.		Date Analy	zed: 10/04/98
GC Column:	ID: 2.00 (mm)	Dilution F	actor: 1.0
Soil Extract Volume:	(uL)	Soil Aliqu	ot Volume:(uL)
Number TICs found:	0	CONCENTRATION UN (ug/L or ug/Kg)	<del></del> -

1.	S NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
2.			-	<b></b>	===
4.			<del>-</del> [		
4.				<del></del> !	
6.					
8.					
8.			.		
9.			<b></b>		
0.       1.         2.       3.         3.       4.         5.       6.         7.       8.         9.       0.         1.       2.         3.       4.         5.       5.         6.       7.         8.       9.         0.       1.         2.       1.         3.       1.         4.       1.         5.       1.         6.       1.         7.       1.         8.       1.			_  .		
1.			—   ———   ·	<del></del>	
2.			-  -		
4.			-  ·	<del></del>	
5. 6. 7. 8. 9. 0. 1. 2. 3. 4. 5. 6. 7.	l l		-   <del>      </del>		
6.					
7.	ľ				
8.					
0					
0			_  .		
2:	1		_  .		
3	·····		-		
4			-  ·		
4. 5. 6. 7. 8.			-  ·		
5. 6. 7. 8.					
7			—   ———   ·		
8.					
·					
			_		
9.			_		

FORM I VOA-GCMS-TIC

## 3781613

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID 9810042-01

Sample ID: RA-TS-007

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :10/01/98

EST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
C/MS Base/Neutral & Acid							8270C
QC Batch	D04046	/27		10/02/98	10/03/98	RR	
	P04046	ug/Kg	<i>c</i> = 0				
Acenaphthene Acenaphthylene	ND	ug/Kg	67.0				
Anthracene	ND	ug/Kg	67.0				
	ИD	ug/Kg	67.0				
Benzo(a) anthracene Benzo(b) fluoranthene	ND	ug/Kg	67 O				
Benzo(k) fluoranthene	ND	ug/Kg	67.0				
: · · · · · · · · · · · · · · · · · · ·	ND	ug/Kg	67 0				
Benzo(g,h,ı)perylene	ИD	ug/Kg	67 0				
Benzo(a) pyrene	ND	ug/Kg	67 0				
Benzoic Acid	ND	ug/Kg	1670				
Benzyl Alcohol	ND	ug/Kg	170				
Bis (2-chloroethoxy) methane	ND	ug/Kg	170				
Bis (2-chloroethyl) ether	ND	ug/Kg	170				
Bis(2-chloroisopropyl)ether	ND	ug/Kg	170				
Bis(2-ethylhexyl)phthalate	ND	ug/Kg	170				
4-Bromophenyl phenyl ether	ND	ug/Kg	170				
Butyl benzyl phthalate	ND	ug/Kg	170				
4-Chloroaniline	ND	ug/Kg	170				
2-Chloronaphthalene	ND	ug/Kg	170				
4-Chloro-3-methylphenol	ND	ug/Kg	170				
2-Chlorophenol	ND	ug/Kg	170				
4-Chlorophenyl phenyl ether	ND	ug/Kg	170				
Chrysene	ND	ug/Kg	170				
Dibenzo (a, h) anthracene	ND	ug/Kg	67.0				
Dibenzofuran	ND	ug/Kg	170				
Di-n-butyl phthalate	ND	ug/Kg	170				
1,2-Dichlorobenzene	ND	ug/Kg	170				
1,3-Dichlorobenzene	ND	ug/Kg	170				
1,4-Dichlorobenzene	ND	ug/Kg	170				
3,3'-Dichlorobenzidine	ND	ug/Kg	170				
2,4-Dichlorophenol	ND	ug/Kg	170				
2,6-Dichlorophenol	ND	ug/Kg	170				
Diethyl phthalate	ND	ug/Kg	170				
2,4-Dimethylphenol	ND	ug/Kg	170				
Dimethyl phthalate	ND	ug/Kg	170				
4,6-Dinitro-2-methylphenol	ND	ug/Kg	170				
2,4-Dinitrophenol	ND	ug/Kg	330				
2,4-Dinitrotoluene	ND	ug/Kg	170				
2,6-Dinitrotoluene	ND	ug/Kg	170				
Di-n-octyl phthalate	ND	ug/Kg	170				
Fluoranthene	ND	ug/Kg	67.0				
Fluorene	ND	ug/Kg	67.0				
Hexachlorobenzene	ND	ug/Kg	170				

LABORATORY MANAGER

ND - Not Detected

• ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

3781620

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID **9810042-01** Sample ID: RA-TS-007

Matrix :SOIL

Project # 20560

Sample Date :10/01/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
GC/MS Base/Neutral & Acid					-		8270C
,				10/02/98	10/03/98	RR	
Hexachlorobutadiene	ND	ug/Kg	170				
Hexachlorocyclopentadiene	ND		170				
Hexachloroethane	ND		170				
Indeno(1,2,3-cd)pyrene	ND		67 0				
Isophorone	ND	ug/Kg	170				
2-Methylnaphthalene	ND	ug/Kg	170				
2-Methylphenol (o-cresol)	ND	ug/Kg	170				
3-Methylphenol (m-cresol)	ND	ug/Kg	170				
4-Methylphenol (p-cresol)	ND	ug/Kg	170				
Naphthalene	ND	ug/Kg	67 0				
Nitrobenzene	ND	ug/Kg	170				
2-Nitroaniline	ND		170				
3-Nitroaniline	ND	J, J	170				
4-Nitroaniline	ND		170				
2-Nitrophenol	ND	ug/Kg	170				
4-Nitrophenol	ND	ug/Kg	170				
N-Nitrosodiphenylamine	ND	ug/Kg	170				
N-Nitrosodipropylamine	ND	ug/Kg	170				
Pentachlorophenol	ND	ug/Kg	170				
Phenanthrene	ND	ug/Kg	67.0				
Phenol	ND	ug/Kg	170				
Pyrene	ND	ug/Kg	67 0				
1,2,4-Trichlorobenzene	ND	ug/Kg	170				
2,4,5-Trichlorphenol	ND	ug/Kg	170				
2,4,6-Trichlorophenol	ND	ug/Kg	170				
Surrogate Standard	% Rec	overy	QC L	imits			
S1 - Nitrobenzene-d5	62		39	80			
S2 - 2-Fluorobiphenyl	72		43	84			
S3 - 4-Terphenyl-d14	58		40	121			
S4 - Phenol-d6	63		31	94			
S5 - 2,4,6-Tribromophenol	63		17	91			
S6 - 2-Fluorophenol	59		23	89			

LABORATORY MANAGER

FORM 1

3781621 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

9810-042-1

Lab Name: ETC, INC.

Contract:

Case No.: SAS No.:

SDG No.: 9810-042

Lab Code:

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0701007

Date Received:

Level: (low/med) LOW

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:

Concentrated Extract Volume:

1 (mL)

Date Analyzed: 10/03/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				====
2. 3.		-		
5.		_		
·				
8.		_		
10.		_		
11.				
13.				
14.				
16.		_		
17.		-		
19				
21.				
22.		-		
24.				
26.				
27.				
29.				
		-		

FORM I BNA-GCMS-TIC

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781622

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98

ETC Order Number 9810042

ETC Lab ID 9810042-01 Sample ID: RA-TS-007

Project # 20560

FID # DACA45-96-D-0014

Matrix :SOIL

Sample Date :10/01/98

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
Organochlorine Pesticides				/ /	/ /		8081A
OC Batch	P06023	/V.~		10/02/98	10/07/98	RG	
Aldrin	ND	ug/Kg	2.00				
Alpha-BHC	ND	J. J	2.00				
Beta-BHC	ND ND	3, 3	2.00				
Delta-BHC	ND ND		2 00				
Gamma-BHC (Lindane)	ND ND		2.00				
Alpha-Chlordane	ND ND	ug/Kg ug/Kg	2.00				
Gamma-Chlordane	ND ND	ug/Kg ug/Kg	2.00				
Chlordane	ND		20.0				
4.4'-DDD	ND ND	ug/Kg ug/Kg	2.00				
4,4'-DDE	ND		2.00				
4,4'-DDT	ND ND	ug/Kg ug/Kg	2.00				
Dieldrin	ND	ug/Kg ug/Kg	2.00				
Endosulfan I	ND	ug/Kg ug/Kg	2.00				
Endosulfan II	ND ND	ug/kg	2.00				
Endosulfan Sulfate	ND	ug/Kg ug/Kg	2.00				
Endrin	ND	ug/Kg ug/Kg	2.00				
Endrin Aldehyde	ND	ug/Kg ug/Kg	2.00				
Endrin Ketone	ND		2.00				
Heptachlor	ND	ug/Kg	2.00				
	ND		2.00				
Heptachlor Epoxide Methoxychlor	ND	ug/Kg ug/Kg	2.00				
Toxaphene	ND		200				
ioxaphene	ND	ug/Kg	200				
Surrogate Standard	% Rec	overy	QC Li	mits_			
S1 - Decachlorobiphenyl	81		64	154			
\$2 - Tetrachloro-m-xylene	74		39	130			

DRATORY MANAGER

ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

3781623

ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/01/98 ETC Order Number 9810042

ETC Lab ID 9810042-01 Sample ID: RA-TS-007

Matrix :SOIL

Project # 20560

Sample Date :10/01/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
PCBs							8082
				10/02/98	10/02/98	RG	0002
QC Batch	P06023	ug/Kg		,	_,,,_,	-10	
PCB-1016	ND	ug/Kg	35 0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35.0				
PCB-1242	ND	ug/Kg	35 0				
PCB-1248	ND	ug/Kg	35.0				
PCB-1254	ND	ug/Kg	35.0				
PCB-1260	ND	ug/Kg	35 0				
Surrogate Standard	% Rec	overv	QC Li	mits			
S1 - Tetrachloro-m-xylene	63		39	130			
S2 - Decachlorobiphenyl	91		64	154			

LABORATORY MANAGER

**Quality Control Reports Inorganics** 

3781625

٠,

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NAPRATIVE INORGANICS

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order #

: \_9810-042

#### HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified Holding Times.

#### CALIBRATION

Laboratory Control Sample : All criteria met.

#### QUALITY CONTROL

Matrix Spike

Spike Recovery : All analytes within QC limits

 $\frac{\texttt{Duplicates}}{\texttt{RPD}} : \texttt{All} \texttt{ analytes} \texttt{ within QC limits}$ 

Method Blank

No Target Analytes detected above Detection Limit.

### Environmental Testing & Consulting, Inc. 3781626 Inorganic QC Data Summary

Client Name

**OHM Remediation Services** 

Project

DDMT-Memphis, TN

ETC Order Number 9810-042-01

File Name 9810-042-01 2

#### Method Blank

	Date	Blank	
Analyte	Analyzed	Concentration mg/Kg	QC Batch
Cyanide	10/05/98	<1 00	CY100598

#### Calibration Verification (CV)

Analyte				% Difference
Cyanide	10/05/98	0 200	0 213	6.5

#### **Laboratory Control Sample (LCS)**

	1	LCS Conc		
Analyte	Analyzed	mg/Kg	Found	Recovery
Cyanide	10/05/98	20 0	196	98 0

#### Matrix Spike/Matrix Spike Duplicate

	1	Spike	Sample	MS Conc	MS	QC .	i i
Sample ID	Analyte	mg/Kg	mg/Kg	Found	% Recovery	Limits	RPD
9810-042-01 MS	Cyanide	18 9	<1.00	18 6	98	70 - 130	
9810-042-01 MSD	Cyanide	19 2	<1 00	193	101	70 - 130	3

#### **Duplicates**

Sample ID	Analyte	Sample %	Duplicate %	RPD
9810-042-01	Organic Matter	17	4 1.88	8



### Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

Metals (ICP/GFAA/CV)

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781628

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : 9810-042

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-41

Mercury V4-S0-36

Sample Analysis : All samples digested and analyzed within 180

days of collection.

Mercury Analysis : All samples analyzed within 28 days of

collection.

#### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation : Thermo Jarrell Ash Enviro-I ICP

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace Perkin Elmer 6000 Graphite Furnace

Thermo Jarrell Ash AA-Scan 4 Graphite Furnace

CETAC M-6000A Mercury Analyzer

Dilutions Required : No dilutions required.\*

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral

interference (I) as indicated.

 Sample ID
 Metal
 Factor 9810-042-01
 Sample ID
 Metal Factor 9810-042-01
 Lead 1:2(C)

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

#### QUALITY CONTROL

#### 9810-042.MQCBLANK

Method Blank

V8-SO-41BLK - ICP/GFAA Metals

V4-SO-36BLK - Mercury

Calcium identified in V8-SO-41BLK at 3.69 mg/Kg. Iron identified in V8-SO-41BLk at 2.12 mg/Kg.

#### 9810-042.MQCLCS

Laboratory Control Sample(s) V8-SO-41LCS - ICP/GFAA Metals

V4-SO-36LCS - Mercury

All criteria met.

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042

#### QUALITY CONTROL

#### 9810-042.MQCMSMSD

Matrix Spike / Matrix Spike Dup - ICP Metals

9810-042-01 RPD : All analytes within QC limits.\*
RA-TS-007 Spike Recovery : All analytes within QC limits.\*

Recoveries and RPD for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification :

	mg/L	mg/L	ે	QA
<u>Analyte</u>	Expected	Found	Recovery	Evaluation
Antimony	0.500	0.515	Pass	103

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. Dilution Tests were performed for verification:

	No	1:5	1:25	ક	OA
Analyte	Dilution	Dilution	Dilution	Difference	Evaluation
Aluminum	10800 mg/Kg	10600 mg/Kg		2	Pass
Calcium	1250	1220		2	Pass
Iron		16400	16400	0	Pass
Manganese	580	570		2	Pass
Magnesium	1960	1900		3	Pass
Zinc	41.2	40.5		2	Pass

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Graphite Metals
9810-042-01 RPD : All analytes within QC limits.
RA-TS-007 Spike Recovery : All analytes within QC limits.\*

Due to the level of Lead present relative to the spike amount, a Dilution Test was performed for verification :

_	1:2	1:10	ે	QA
<u>Analyte</u>	<u>Dilution</u>	Dilution	Difference	Evaluation
Lead	7.60 mg/L	7.51 mg/L	1	Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Hq

9809-902-01 RPD: All analytes within QC limits. RA-C-018 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

ENVIRONMENTAL TESTING AND CONSULTING, INC. 3781630 MEMPHIS, TN

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

Laboratory Manager

#### SOLID METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc

Laboratory ID ICP/GFAA Metals Laboratory ID Mercury

V8-SO-41 BLK V4-SO-36 BLK QC Batch V8-SO-41 V4-SO-36

Date Sample Prepared

10/02/98

ICP/GFAA Metals

10/02/98 Mercury

		Detection	Γ'	1
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	<0 700	0 700	10/05/98	6010B
Aluminum	<4 00	4 00	10/05/98	6010B
Arsenic	<0 200	0 200	10/05/98	7060A
Barium	<0 200	0 200	10/05/98	6010B
Beryllium	<0 100	0 100	10/05/98	6010B
Calcium	3 69	1 00	10/05/98	6010B
Cadmium	<0 400	0 400	10/05/98	6010B
Cobalt	<0 700	0 700	10/05/98	6010B
Chromium	<0 700	0 700	10/05/98	6010B
Copper	<0 600	0 600	10/05/98	6010B
Iron	2 12	0 700	10/05/98	6010B
Potassium	<20 0	20 0	10/05/98	6010B
Magnesium	<3 00	3 00	10/05/98	6010B
Manganese	<0 200	0 200	10/05/98	6010B
Sodium	<20 0	20 0	10/05/98	6010B
Nickel	<1 50	1 50	10/05/98	6010B
Lead	<0 100	0 100	10/05/98	7421
Antimony	<3 20	3 20	10/05/98	6010B
Selenium	<0 200	0 200	10/05/98	7740
Thallium	<0 100	0 100	10/02/98	7841
Vanadıum	<0 800	0 800	10/05/98	6010B
Zinc	<1.00	1 00	10/05/98	6010B
Mercury	<0 020	0 020	10/02/98	7471A

### SOLID LABORATORY CONTROL SAMPLE METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory Control ID

ICP/GFAA Metals V8-SO-41 LCS

QC Batch V8-SO-41

Mercury

V4-SO-36 LCS

V4-SO-36

Date Prepared

ICP/GFAA Metals 10/02/98 Mercury 10/02/98

	Spike			C	)C
	Added	Found	%R #	Lir	nits
Metals	mg/Kg	mg/Kg			
				[	
Silver	20 0	20 <b>0</b>	100	80	120
Aluminum	200	198	99	80	120
Arsenic	5 00	4 91	98	85	115
Barium	200	194	97	80	120
Beryllium	20 0	190	95	80	120
Calcium	400	408	102	80	120
Cadmium	20 0	19 3	97	80	120
Cobalt	100	101	101	80	120
Chromium	40 0	41 0	103	80	120
Copper	40 <b>0</b>	39 6	99	80	120
Iron	200	202	101	80	120
Potassium	400	397	99	80	120
Magnesium	400	394	99	80	120
Manganese	20 0	20 5	103	80	120
Sodium	400	398	100	80	120
Nickel	100	101	101	80	120
Lead	2 00	2 10	105	85	115
Antimony	200	200	100	80	120
Selenium	5 00	5 07	101	85	115
Thallium	2 00	1 81	91	85	115
Vanadium	100	100	100	80	120
Zinc	20 0	20 2	101	80	120
Mercury	0 167	0 163	98	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk



<sup>\*</sup> Values outside of QC limits

## SOLID MATRIX SPIKE METALS

Lab Name

Environmental Testing and Consulting, Inc.

QC Batch

Laboratory ID MS ICP/GFAA Metals

Laboratory ID MS Mercury

9810-042-01 V8-SO-41 9809-902-01 V4-SO-36

Date Sample Prepared

10/02/98

ICP/GFAA Metals

10/02/98

Mercury

	SPIKE	SAMPLE	MS		MS		QC
	Added	Conc	Conc	RPD	%	Li	mits
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec	#	
Silver	20 9	ND	20 9	8	100	75	125
Aluminum	209	10800	11600	2	383	* 75	125
Arsenic	5 42	5 77	10 5	17	87	70	130
Barium	209	85 0	291	11	99	75	125
Beryllium	20 9	0 468	21 0	8	98	75	125
Calcium	418	1250	1630	9	91	75	125
Cadmium	20 9	ND	20 2	10	90	75	125
Cobalt	104	7 14	111	11	100	75	125
Chromium	41 8	16 5	59 0	7	102	75	125
Copper	41 8	12 1	53 9	9	100	75	125
Iron	209	16400	17000	1	287	* 75	125
Potassium	418	643	1060	6	100	75	125
Magnesium	418	1960	2420	2	110	75	125
Manganese	20 9	582	490	6	-440	* 75	125
Sodium	418	253	583	6	79	75	125
Nickel	104	15 0	120	8	101	75	125
Lead	2 17	7 60	9 38	6	82	70	130
Antimony	209	ND	4 83	200 *	2	* 75	125
Selenium	5 42	0 240	3 81	3	66	* 70	130
Thallium	2 17	0 172	1 85	7	77	70	130
Vanadium	104	22 7	121	9	95	75	125
Zinc	20 9	41 2	76 9	9	171	* 75	125
Mercury	0 168	0 059	0 212	5	91	75	125

ND - Not Detected

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

## SOLID MATRIX SPIKE DUPLICATE METALS

Lab Name Environmental Testing and Consulting, Inc.

QC Batch 042-01 V8-SO-41

Laboratory ID MS ICP/GFAA Metals
Laboratory ID MS Mercury

9810-042-01

V8-SO-41

V4-SO-36

ate Sample Prepared 10/02/98 ICP/GFAA Metals

Date Sample Prepared 10/02/98 ICP/GFAA 10/02/98 Mercury

	SPIKE	SAMPLE	MSD	MSD		Q	iC
	Added	Conc	Conc	%		Lin	nits
Metals	mg/Kg	mg/Kg	mg/Kg	Rec	#		
Silver	22 5	ND	22 6	100		75	125
Aluminum	225	10800	11800	444	*	75	125
Arsenic	5 53	5 77	12 4	120		70	130
Barium	225	85 0	324	106		75	125
Beryllium	22 5	0 468	22 8	99		75	125
Calcium	451	1250	1790	120		75	125
Cadmium	22 5	ND	22 4	88		75	125
Cobalt	113	7 14	124	103		75	125
Chromium	45 1	16 5	63 5	104		75	125
Copper	45 1	12 1	58 9	104		75	125
Iron	225	16400	17100	311	*	75	125
Potassium	451	643	1120	106		75	125
Magnesium	451	1960	2480	115		75	125
Manganese	22 5	582	520	-276		75	125
Sodium	451	253	616	81		75	125
Nickel	113	15 0	130	 102		75	125
Lead	2 21	7 60	9 95	106		70	130
Antimony	225	ND	0	0	*	75	125
Selenium	5 53	0 240	3 69	62	*	70	130
Thallium	2 21	0 172	1 99	82		70	130
Vanadium	113	22 7	132	 97		75	125
Zinc	22 5	41 2	70 3	129	*	75	125
Mercury	0 159	0 059	0 202	90		75	125

ND - Not Detected

4.00007

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Volatiles** 

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS VOLATILE COMPOUNDS - SOIL

3781636

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8260B/5030B

#### HOLDING TIMES

Sample Analysis : All samples analyzed within 14 days of

collection.

#### QUALITY CONTROL

QC Batch Form 4 Summary V1100401 V110041LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> V110041BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9810-042-01 RPD: All analytes within QC limits. RA-TS-007 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4

V110041LB

No Target Analytes detected above the reporting limit.

#### CALIBRATION

BFB Daily 12 Hour Tune : All criteria met. FORM 5
Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7\*

Calibration Verification(CV) : Date 10/04/98 Time 15:36

Analyte %Diff(30% Max) Response
n-Butylbenzene 34.0 High
Pentachloroethane 91.0 High
1,2,3-Trichlorobenzene 35.0 High
1,2,4-Trichlorobenzene 39.0 High

High responses indicate that reported levels for these analytes may be biased high. These analytes were not Target Analytes associated with this project. The data was not affected.

<u>Volatile Internal Standard Area and RT FORM 8</u>
Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

3781637

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE

GC/MS VOLATILE COMPOUNDS - SOIL

Client Name Project Name

: \_OHM Remediation Services: \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8260B/5030B

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

Laboratory Manager

### FORM 2 SOIL VOA-GCMS SYSTEM MONITORING COMPOUND RECOVERY

3781638

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-042

Level: (low/med) LOW

	CLIENT	SMC1	CMCO	SMC3	LOUVED	TOT
	SAMPLE NO.		SMC2		OTHER	
	SAMPLE NO.	(DBF)#	(TOL)#	(BFB)#		OUT
0.1	W1100411D	======	======	100	======	===
01	V110041LB	99	94	102		0
02	9810-042-1	108	95	104		0
03	V110041BS	95	99	100		0
04	9810-042-1M	101	97	104		0
05	9810-042-1S	102	95	106		0
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22	<del></del>					
23				<del></del>	<del></del> -	
24						
25			<del></del>			<u>—</u> I
26				<del></del>		
27						
28						
29						
30				1		1

SMC1 (DBF) = Dibromofluoromethane (85-119) SMC2 (TOL) = Toluene-d8 (87-114) SMC3 (BFB) = Bromofluorobenzene (75-111)

- # Column to be used to flag recovery values
- \* Values outside of contract required QC limits
- D System Monitoring Compound diluted out

page 1 of 1

FORM II VOA-GCMS

V110041LB

Lab Name: ETC, INC.

Lab Prep Batch: V1100401

Lab File ID: 0002003

Date Analyzed: 10/04/98

GC Column:

ID: 2 (mm)

SDG No.: 9810-042

Lab Prep Batch: V1100401

Time Analyzed: 1724

Heated Purge: (Y/N) Y

Instrument ID: VOC1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

LAB LAB	TIME
SAMPLE NO. SAMPLE ID FILE ID A	NALYZED
	======
01 9810-042-1 0401004	1806
02 V110041BS 1101011	
11101011	2259
	0105
04 9810-042-15 1501015	0146
05	
06	
07	<del></del> -
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
	i
24	
25	
26	
27	
28	
29 — — — — — — —	
30	

COMMENTS:				
		·	 · · · · · · · · · · · · · · · · · · ·	 

page 1 of 1

FORM IV VOA-GCMS

#### FORM 1 VOA-GCMS ORGANICS ANALYSIS DATA SHEET

V110041LB

0302003

Date Analyzed: 10/04/98

Lab Name: ETC, INC.

SDG No.: 9810-042

٠, Lab Prep Batch: V1100401 Matrix: (soil/water) SOIL

Lab File ID: Sample wt/vol: 10.0 (g/mL) G

LOW

Level: (low/med) Dilution Factor: 1.0

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

CAS NO.	COMPOUND (ug/L of ug	// Kg/ 00/ Ko	×
67-64-1	Acetone	50.0	ប
71-43-2	Benzene	2.00	U
75-27-4	Bromodichloromethane	2.00	U
	Bromoform	2.00	
74-83-9	Bromomethane	2.00	ប
	Carbon Disulfide	25.0	U
	Carbon Tetrachloride	2.00	U
108-90-7	Chlorobenzene	2.00	U
	Chlorodibromomethane	2.00	U
75-00-3	Chloroethane	2.00	
	Chloroform	2.00	U
	Chloromethane	2.00	
75-34-3	1.1-Dichloroethane	2.00	U
107-06-2	1,2-Dichloroethane	2.00	
75-35-4	1,1-Dichloroethene	2.00	
156-59-4	cis-1,2-Dichloroethene_	2.00	U
156-60-5	trans-1,2-Dichloroethene	2.00	U
78-87-5	1,2-Dichloropropane	2.00	U
10061-01-5	cis-1,3-Dichloropropene	2.00	
10061-02-6	trans-1,3-Dichloropropene	2.00	U
100-41-4	Ethylbenzene	2.00	
	2-Hexanone	50.0	
	Methylene Chloride	50.0	Ū
78-93-3	Methyl-Ethyl Ketone	50.0	
108-10-1	4-Methyl-2-Pentanone	50.0	_
	Styrene	2.00	_
79-34-5	1,1,2,2-Tetrachloroethane	2.00	
	Tetrachloroethene	2.00	
	Toluene	2.00	
	1,1,1-Trichloroethane	2.00	L
79-00-5	1,1,2-Trichloroethane	2.00	
79-01-6	Trichloroethene	2.00	
	Vinyl Acetate	25.0	-
200 00 4	· III I III III III III III III III III	-	1

FORM I VOA-GCMS

3781641

## VOA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V110041LB

Lab Name: ETC, INC.

SDG No.: 9810-042

Matrix: (soil/water) SOIL

Lab Prep Batch: V1100401

Sample wt/vol:

10.0 (g/mL) G

Lab File ID: 0302003

Level: (low/med) LOW

Date Analyzed: 10/04/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330~20-7	Vinyl Chloride_ Xylene-mp Xylene-o	2.0	0 U

FORM I VOA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: V1100401

SDG No.: 9810-042

Matrix Spike - Sample No.: V110041BS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Acetone	100		67.3	67	59-151
Benzene	100		84.8	85	72-124
Bromodichloromethane	100		91.0	91	68-119
Bromoform	100		87.7	88	66-136
Bromomethane	100		78.7	79	40-134
Carbon Disulfide	100		88.8	89	60-133
Carbon Tetrachloride	100		91.5	92	64-123
Chlorobenzene	100		84.5	84	77-112
Chlorodibromomethane	100		93.3	93	72-118
Chloroethane	100		69.2	69	64-142
Chloroform	100		92.7	93	70-115
Chloromethane	100		69.5	70	58-139
1,1-Dichloroethane	100		85.1	85	76-118
1,2-Dichloroethane	100		80.5	80	62-124
1,1-Dichloroethene	100		87.5	88	69-121
cis-1,2-Dichloroethene	100		87.7	88	76-114
trans-1,2-Dichloroethen	100	<u>.</u>	88.2	88	72-121
1,2-Dichloropropane	100	•	90.1	90	64-133
cis-1,3-Dichloropropene	100		88.4	88	77-120
trans-1,3-Dichloroprope	100		91.8	92	73-124
Ethylbenzene	100		85.7	86	77-111
2-Hexanone	100		79.7	80	53-144
Methylene Chloride	100		88.8	89	67-115
Methyl-Ethyl Ketone	100		85.7	86	55-151
4-Methyl-2-Pentanone	100		83.2	83	42-144
Styrene	100		94.3	94	77-117
1,1,1,2-Tetrachloroetha	100		92.2	92	79-113
Tetrachloroethene	100		77.6	78	77-115
Column to be used to fla	g recovery	and RPD value	 es with an aste	risk	!

\* Values outside of QC limits

COMMENTS:	

3781643

#### FORM 3 SOIL VOA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: V1100401

SDG No.: 9810-042

Matrix Spike - Sample No.: V110041BS Level:(low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Vinyl Acetate Vinyl Chloride Xylene-mp Xylene-o	100 100 100 100 100 100 200		86.9 85.6 87.0 92.4 85.0 75.0 175	87 86 87 92 85 75 88 90	77-115 63-122 69-117 75-113 28-146 65-134 77-115

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 36 outside limits

COMMENTS:	

page 2 of 2

FORM III VOA-GCMS

#### FORM 3 SOIL VOA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: V1100401

SDG No.: 9810-042

Matrix Spike - Sample No.: 9810-042-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	232 232 232 232 232 232	0.000 0.000 0.000 3.23 0.000	194 179 218 192 205	84 77 94 81 88	72-124 77-112 69-121 77-115 75-113

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L: RPD	MITS REC.
Benzene Chlorobenzene 1,1-Dichloroethene Toluene Trichloroethene	232 232 232 232 232 232 232	202 194 229 207 224	87 84 99 88 96	4 9 5 8 9	20 20 20 20 20 20 20	72-124 77-112 69-121 77-115 75-113

<sup>#</sup> Column to be used to flag recovery and RPD values with an asterisk

RPD: 0 out of 5 outside limits Spike Recovery: 0 out of 10 outside limits

 	_		

<sup>\*</sup> Values outside of QC limits

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN

CASE NARRATIVE `

GC/MS SEMI-VOLATILE COMPOUNDS - SOIL

: \_OHM Remediation Services : \_Defense Depot - Memphis TN Client Name Project Name

ETC Order # : \_9810-042 Method (SW-846) : \_8270C/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P04046 P04046LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for multiple analytes were flagged for high recovery in Blank Spike P04046BS associated with this project.

Laboratory Control Sample FORM 3 P04046BS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits. 9810-042-01 RA-TS-007

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P04046LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune : All criteria met. FORM 5 Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

Semi-Volatile Internal Standard Area and RT FORM 8 Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD
Dilutions Required : No dilutions required.

Laboratory Manager

C00039

## FORM 2 SOIL BNA-GCMS SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-042

Level: (low/med) LOW

	CLIENT	S1	S2	S3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(2FP)#	(PHL)#	(NBZ)#	(FBP)#	(TBP)#	(TPH)#	#	#	OUT
	========		=====	=====	=====	======	======	======	======	===
01	P04046LB	78	77	74	82	83	79			. 0
02	P04046BS	94*	95*	90*	96*	104*	86			5
03	9810-042-1	59	63	62	72	63	58			0
04	9810-042-1M	68	71	70	75	75	68			0
05	9810-042-1S	72	76	70	78	82	70			0
06										
07										
08										l
09										1
10	<del></del>	]								
11							!			
12 13 14 15										<b></b>
13										
16										
16						1				
17		]	<del></del>							
18										
19			i	<del></del>	<del></del>					
20		<del></del>								
21					l		]			
22					<del></del>		<del></del>			
23							I		<del></del>	
24			<del></del>	————						
25						<del></del>				
16 17 18 19 20 21 22 23 24 25 26 27				<del></del>	<del></del> -[	<del></del>	<del></del>		<u> </u>	
27				<del></del>	·					
28				<del></del>		<del></del> -	<del></del>			<del></del> -i
29			<del></del> -					<del></del> i		<del></del>
28 29 30	<del></del>			<del></del>	——————————————————————————————————————		[	<del></del>	!	1
'	I.		1	I	I	!				

```
S1 (2FP) = 2-Fluorophenol (23-89)
S2 (PHL) = Phenol-d6 (31-94)
S3 (NBZ) = Nitrobenzene-d5 (39-80)
S4 (FBP) = 2-Fluorobiphenyl (43-84)
S5 (TBP) = 2,4,6-Tribromophenol (17-91)
S6 (TPH) = Terphenyl-d14 (40-121)
```

# Column to be used to flag recovery values
\* Values outside of contract required QC limits

D Surrogate diluted out

page 1 of 1

FORM II BNA-GCMS

0.000

3781648

P04046LB

Lab Name: ETC, INC.

Lab Prep Batch: P04046

Lab File ID: 0301003

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9810-042

Instrument ID: BNA2

Date Analyzed: 10/03/98

Time Analyzed: 0909

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

		LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		<b></b>		
01	P04046BS		0401004	10/03/98
02	9810-042-1		0701007	10/03/98
03	9810-042-1M		0801008	10/03/98
	9010-042-111			10/03/90
04	9810-042-1S		0901009	10/03/98
05				
06				<del></del>
07				<del></del>
			<u></u>	
80			l	l
09				
10			<del></del>	
11				
12	<del></del>			
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
21				
22				
23				
24				
25				
25	<u></u>			
26				
27				
28				i
29		<del> </del>		<del></del>
30			l	

COMMENTS:		

page 1 of 1

FORM IV BNA-GCMS

11.30074

P04046LB

0

Lab Name: ETC, INC.

CAS NO.

SDG No.: 9810-042

Matrix: (soil/water) SOIL Lab Prep Batch: P04046

COMPOUND

84-74-2-----Di-n-Butylphthalate

95-50-1----1,2-Dichlorobenzene

541-73-1-----1,3-Dichlorobenzene

106-46-7-----1,4-Dichlorobenzene 91-94-1----3,3'-Dichlorobenzidine

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0301003

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/03/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

83-32-9-----Acenaphthene 66.7 U 208-96-8-----Acenaphthylene 66.7 U 120-12-7-----Anthracene 66.7 U 56-55-3-----Benzo(a) Anthracene 66.7 U 205-99-2----Benzo(b) fluoranthene 66.7 U 207-08-9----Benzo(k) fluoranthene 66.7 U 191-24-2----Benzo(g,h,i)perylene 50-32-8-----Benzo(a)pyrene 66.7 U 66.7 U 65-85-0-----Benzoic Acid 1670 U 100-51-6-----Benzyl Alcohol 167 U 111-44-4-----bis(2-Chloroethyl)ether 167 | Ū 111-91-1-----Bis (2-chloroethoxy) methane 167 U 39638-32-9----bis(2-Chloroisopropyl)ether 117-81-7-----bis(2-ethylhexyl)Phthalate 167 U 167 U 101-55-3-----4-Bromophenyl-phenylether\_ 167 U 85-68-7----Butylbenzylphthalate 167 U 106-47-8-----4-Chloroaniline 167 U 59-50-7----4-Chloro-3-Methylphenol 167 | Ū 91-58-7----2-Chloronaphthalene 167 U 95-57-8-----2-Chlorophenol 167 U 7005-72-3----4-Chlorophenyl-phenylether 167 U 218-01-9-----Chrysene 167 U 53-70-3-----Dibenzo(a,h)anthracene 66.7 U 167 U 132-64-9-----Dibenzofuran

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

FORM I BNA-GCMS

167 U

167 U

167 U

167 U

#### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P04046LB

Lab Name: ETC, INC.

SDG No.: 9810-042

Matrix: (soil/water) SOIL Lab Prep Batch: P04046

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 0301003

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/03/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND (ug/L or ug	/kg/ UG/kG	Q
120-83-2	2,4-Dichlorophenol	167	U
87-65-0	2.6-Dichlorophenol	167	
84-66-2	Diethylphthalate	167	Ū
105-67-9	2,4-Dimethyphenol	167	Ū
131-11-3	Dimethylphthalate	167	บ
534-52-1	4.6-Dinitro-2-methylphenol	167	U
51-28-5	2,4-Dinitrophenol	330	U
121-14-2	2.4-Dinitrotoluene	167	บ
606-20-2	2.6-Dinitrotoluene	167	U
117-84-0	Di-n-octylphthalate	167	U
86-30-6	Diphenylamine/n-NDPA	167	U
206-44-0	Fluoranthene	66.7	U
86-73-7	Fluorene	66.7	U
118-74-1	Hexachlorobenzene	167	U
87-68-3	Hexachlorobutadiene	167	U
77-47-4	Hexachlorocyclopentadiene	167	U
67-72-1	Hexachloroethane	167	U
193-39-5	Indeno(1,2,3-cd)pyrene	66.7	U
78-59-1	Isophorone	167	U
91-57-6	2-Methylnaphthalene	167	U
95-48-7	2-Methylphenol	167	Ū
106-44-5	3&4-Methylphenol	167	U
91-20-3	Naphthalene	66.7	U
88-74-4	2-Nitroaniline	167	U
99-09-2	3-Nitroaniline	167	U
100-01-6	4-Nitroaniline	167	U
98-95-3	Nitrobenzene	167	U
88-75-5	2-Nitrophenol	167	U
100-02-7	4-Nitrophenol	167	U
62-75-9	N-Nitrosodimethylamine	167	-
621-64-7	N-Nitrosodinpropylamine	167	_
87-86-5	Pentachlorophenol	167	ļ -
85-01-8	Phenanthrene	66.7	U

FORM I BNA-GCMS

#### FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P04046LB

Lab Name: ETC, INC.

SDG No.: 9810-042

Matrix: (soil/water) SOIL

Lab Prep Batch: P04046

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: 0301003

Level: (low/med) LOW Date Received: \_\_\_\_

Concentrated Extract Volume:

1(mL)

Date Analyzed: 10/03/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

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

10, 0	108-95-2Phenol 129-00-0Pyrene 120-82-11,2,4-Trichlorobenzene 95-95-42,4,5-Trichlorophenol 88-06-22,4,6-Trichlorophenol	167 66.7 167 167 167	U U U
-------	--	----------------------------------	-------------

FORM I BNA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: P04046

SDG No.: 9810-042

Matrix Spike - Sample No.: P04046BS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	',LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	ં ક્ર	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
	=======	========		=====	=====
Acenaphthene	1670		1450	87	34-126
Acenaphthylene	1670		1470	88	62-123
Anthracene	1670		1490	89	68-124
Benzo(a)Anthracene	1670		1450	87	60-133
Benzo(b)fluoranthene	1670		1520	91	67-126
Benzo(k)fluoranthene	1670		1480	89	75-131
Benzo(g,h,i)perylene	1670		1450	87	53-137
Benzo(a)pyrene	1670		1490	89	68-129
Benzoic Acid	1670		3960	237	37-251
Benzyl Alcohol	1670		1360	81	20-159
bis(2-Chloroethyl)ether	1670		1770	106	25-147
Bis(2-chloroethoxy)meth	1670		1340	80	37-153
bis(2-Chloroisopropyl)e	1670		1360	81	35-138
bis(2-ethylhexyl)Phthal	1670		1630	98	60-150
4-Bromophenyl-phenyleth	1670		1440	86	59-130
Butylbenzylphthalate	1670		1430	86	71-137
4-Chloroaniline	1670		603	36	27-106
4-Chloro-3-Methylphenol	3330	]	2940	88	33-147
2-Chloronaphthalene	1670		1520	91	62-126
2-Chlorophenol	3330		2850	86	34-126
4-Chlorophenyl-phenylet	1670		1470	88	60-128
Chrysene	1670		1430	86	67-131
Dibenzo(a,h)anthracene	1670	[	1420	85	51-138
Dibenzofuran	1670		1400	84	57-131
Di-n-Butylphthalate	1670		1430	86	39-179
1,2-Dichlorobenzene	1670		1390	83	58-110

#	Column	to be used	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outside of	QC	limits						

COMMENTS:	 	 

page 1 of 3

FORM III BNA-GCMS

### FORM 3 SOIL BNA-GCMS LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P04046

SDG No.: 9810-042

Matrix Spike - Sample No.: P04046BS Level: (low/med) LOW

·	SPIKE	SAMPLE	LCS	LCS	QC.
COMPOUND	ADDED	CONCENTRATION	CONCENTRATION	8	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
1,3-Dichlorobenzene	1670		1360	81	55-109
1,4-Dichlorobenzene	1670		1380	83	26-121
3,3'-Dichlorobenzidine	3330		3460	104	18-191
2,4-Dichlorophenol	3330		2990	90	68-123
2,6-Dichlorophenol	3330		2910	90 87	45-157
Diethylphthalate	1670		1400	84	72-133
2,4-Dimethyphenol	3330		2900	87	53-121
Dimethylphthalate	1670		1440	86	64-132
4,6-Dinitro-2-methylphe	3330		2980	89	70-158
2,4-Dinitrophenol	3330		3200	96	31-186
2,4-Dinitrotoluene	1670		1450	87	22-139
2,6-Dinitrotoluene	1670		1440	86	64-142
Di-n-octylphthalate	1670		1450	87	42-172
Diphenylamine/n-NDPA	1670		1360	81	55-140
Fluoranthene	1670		1370	82	71-132
Fluorene	1670	ļ	1480	89	65-126
Hexachlorobenzene	1670		1560	93	64-130
Hexachlorobutadiene	1670		1510	90	62-116
Hexachlorocyclopentadie	1670		1570	94	16-160
Hexachloroethane	1670		1440	86	58-110
Indeno(1,2,3-cd)pyrene	1670	1	1370	82	34-170
Isophorone	1670	1	1440	86	35-135
2-Methylnaphthalene	1670	į	1380	83	57-123
2-Methylphenol	3330		2670	80	56-132
3&4-Methylphenol	3330		2860	86	68-111
Naphthalene	1670	j	1420	85	62-113
2-Nitroaniline	1670		1460	87	63-138
3-Nitroaniline	1670		1300	78	53-128

#	Column	to be	used	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outsi	de of	QC	limīts				•		

COMMENTS:	

page 2 of 3

FORM III BNA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: P04046

SDG No.: 9810-042

Matrix Spike - Sample No.: P04046BS Level: (low/med) LOW

I	SAMPLE	LCS	LCS	QC.
,			-	LIMITS
(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
			======	=====
1670		1290	77	60-140
1670		1440	86	59-123
3330		2770	83	52-145
3330		2720	82	12-105
1670		1400	84	24-141
3330		2970	89	6-164
1670		1420	85	66-128
3330		2960	89	22-127
1670		1360	81	33-155
1670		1410	84	30-127
3330		3100	93	50-173
3330		3100	93	46-161
				. 0 101
	3330 3330 1670 3330 1670 3330 1670 1670 3330	(ug/Kg) (ug/Kg)  1670 1670 3330 1670 3330 1670 3330 1670 1670 1670 3330	(ug/Kg)     (ug/Kg)     (ug/Kg)       1670     1290       1670     1440       3330     2770       3330     1400       3330     2970       1670     1420       3330     2960       1670     1360       1670     3330       3330     3100	(ug/Kg)     (ug/Kg)     (ug/Kg)     REC #       1670     1290     77       1670     1440     86       3330     2770     83       3330     2720     82       1670     1400     84       3330     2970     89       1670     1420     85       3330     2960     89       1670     1360     81       1670     3300     93

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 66 outside limits

|--|

page 3 of 3

FORM III BNA-GCMS

FORM 3

SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04046

SDG No.: 9810-042

Matrix Spike - Sample No.: 9810-042-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Acenaphthene 4-Chloro-3-Methylphenol 2-Chlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene 4-Nitrophenol N-Nitrosodinpropylamine Pentachlorophenol Phenol Pyrene 1,2,4-Trichlorobenzene	3330 5330 5330 3330 3330 5330 5330 5330	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	2160 3870 3790 2020 2080 3140 2020 3930 3360 2260 2300	65 73 71 61 62 59 61 74 63 68	34-126 33-147 35-138 26-121 22-139 12-105 24-141 6-164 22-127 33-155 30-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #		IMITS REC.
Acenaphthene	3330	2310	69	6	20	34-126
4-Chloro-3-Methylphenol	5330	4230	79	8	20	33-147
2-Chlorophenol	5330	4040	76	7	20	35-138
1,4-Dichlorobenzene	3330	2070	62	2	20	26-121
2,4-Dinitrotoluene	3330	2220	67	8	20	22-139
4-Nitrophenol	5330	3580	67	13	20	12-105
N-Nitrosodinpropylamine	3330	2100	63	3	20	24-141
Pentachlorophenol	5330	4460	84	13	20	6-164
Phenol	5330	3590	67	6	20	22-127
Pyrene	3330	2380	71	4	20	33-155
1,2,4-Trichlorobenzene	3330	2410	72	4	20	30-127

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 11 outside limits Spike Recovery: 0 out of 22 outside limits

MM		

**Environmental Testing & Consulting, Inc.** 

**Quality Control Reports** 

**GC** Pesticides

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8081A/3550B

### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06023 P06023LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> P06023LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9810-042-01 RPD: All analytes within QC limits. RA-TS-007 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4

P06023LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7\*
Endrin/Breakdown : All criteria met. FORM 7A

Calibration Verification(CV): P110061A.22R (Primary)
Analyte %Diff(15% Max) Response

Analyte %Diff(15% Max) Respons
4,4'-DDT 22.8 High
Endrin 23.2 Low
Endrin aldehyde 32.2 High
Endrin ketone 25.6 High
Methoxychlor 20.3 High

Low response for Endrin indicates that reported levels for this analyte may be biased low. High responses indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06023LCS and MS/MSD associated with this project. The data was not affected.

### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

3781658

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8081A/3550B

### CALIBRATION

Calibration Ver	rification(CV):	P110061A.23R	(Primary)
Analyte	%Diff(15% Max)	Response	<del>-</del> -
4,4'-DDT	20.2	High	
Endrin	25.6	Low	
Endrin aldehyde	32.2	High	
Endrin ketone	17.5	High	
Heptachlor	15.9	High	
Methoxychlor	20.0	High	

Low response for Endrin indicates that reported levels for this analyte may be biased low. High responses indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06023LCS and MS/MSD associated with this project. The data was not affected.

<u>Calibration Verification(CV): P110071B.32R (Confirmation)</u>

Analyte	%Diff(15% Max)	Respon
Endrin	25.5	Low
Endrin aldehyde	5 <b>5.5</b>	High
Endrin ketone	21.0	High
Decachlorobiphenyl	27.0	Low

Low responses for Decachlorobiphenyl and Endrin indicate that reported levels for these analytes may be biased low. High responses for Endrin aldehyde and Endrin ketone indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06023LCS and MS/MSD associated with this project. Surrogate recoveries were within QC Limits for all samples associated with this project. The data was not affected.

Calibration Verification(CV): P110071B.33R (Confirmation)

Analyte	%Diff(15%	Max)	Response
Endrin	32.5		Low
Endrin aldehyde	41.5		High
Endrin ketone	15.5		High
Decachlorobiphenyl	31.0		Low

Low responses for Decachlorobiphenyl and Endrin indicate that reported levels for these analytes may be biased low. High responses for Endrin aldehyde and Endrin ketone indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06023LCS and MS/MSD associated with this project. Surrogate recoveries were within QC Limits for all samples associated with this project. The data was not affected.

3781659

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8081A/3550B

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-042

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S4	S5	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	#	#	#	#	#	OUT
01	P06023LB	86	88						<b></b>	0
02	P06023LCS	74	98					]		0
03	9810-042-1	74	81							0
04	9810-042-1MS	74	63							0
05	9810-042-1MS	75	67							0
06			:							
07								! :		
08										
09								l		
10 11 12										
11										lI
12	]									
13 14 15 16 17						l				
14										
15					ļ	]				
10					·		<del></del>			
10						l				
73										II
20				<del> </del>						
22										
18 19 20 21 22 23 24 25 26 27				<del></del>		l <del></del> ,		. ———	<del></del>	
24						<del></del>		<u> </u>		
25	<del></del>				<del></del>	l				
26						. ————				
27						<del></del>				
28									<del></del> -	
28 29						<del></del>			<del></del>	
30						<del></del>		<u> </u>		
1						l ———— I		·		

QC LIMITS

S1 (TMX) = Tetrachloro-m-xylene S2 (DBC) = Decachlorobiphenyl (39-130) (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PESTICIDE

P06023LB

Lab Name: ETC, INC.

SDG No.: 9810-042

Lab Prep Batch: P06023

Instrument ID: PEST1A

Lab File ID: P110061A-13R

Date Analyzed: 10/07/98

Matrix: (soil/water) SOIL

Time Analyzed: 0035

Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

EPA GC LAB LAB DATE

	SAMPLE NO.	SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	P06023LCS	=======================================	P110061A-17R	10/07/98
02	9810-042-1		P110071B-21R	10/07/98
03	9810-042-1MS		P110071B-26R	10/08/98
04	9810-042-1MS		P110071B-27R	10/08/98
05				' '
06				
07 08				
09		***		
10				
11				· · · · · · · · · · · · · · · · · · ·
12				
13				
14				
15				
16				
17 18				
19				
20				
21	<del> · </del>			
22				
23				
24				
25				
26				
27				
28 29				
30				
201		<u></u>		

COMMENTS:			
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	

page 1 of 1

FORM IV PESTICIDE

### FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06023LB

Lab Name: ETC, INC. SDG No.: 9810-042

Matrix: (soil/water) SOIL Lab Prep Batch: P06023

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P110061A-13R

Level: (low/med) LOW Date Received:

Concentrated Extract Volume: 10(mL) Date Analyzed: 10/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

ONG NO	COMPOUND		ONCENTRATION UNITS: ug/L or ug/Kg) UG/KG				
CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q		
309-00-2	Aldrin			1.33333	TI TI		
	alpha-BHC			1.33333			
319-85-7			<del></del>	1.33333	1		
	delta-BHC		<del></del>	1.33333	_		
	gamma-BHC (Li	ndanel		1.33333	1 -		
5103-71-9	alpha-chlorda	ine	<del></del> !	1.33333			
5103-74-2	gamma-chlorda	ne	<del></del>	1.33333			
72-54-8	4.4'-DDD			1.33333	1 -		
	4,4'-DDE		—-	1.33333	1 -		
	4,4'-DDT		<del>-</del>	1.33333			
	Dieldrin			1.33333	, -		
	Endosulfan I			1.33333	_		
	Endosulfan II		—	1.33333	-		
1031-07-8	Endosulfan su	lfate		1.33333	_		
72-20-8				1.33333	-		
	Endrin aldehy	de		1.33333			
53494-70-5	Endrin Ketone	· · ·	<del></del> -	1.33333	l -		
	Heptachlor	·		1.33333			
1024-57-3	Heptachlor ep	oxide		1.33333	t -		
72-43-5	Methoxychlor_			1.33333	l -		

FORM I PESTICIDE

3781663

### FORM 3 SOIL PESTICIDE LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06023

SDG No.: 9810-042

Matrix Spike - Sample No.: P06023LCS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
COMPOUND	ADDED	CONCENTRATION		8	LIMITS
COMPOUND	_ (ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aldrin	33.33333		26 56427	======	======
alpha-BHC	33.33333	1	26.56437	80	31-111
beta-BHC	33.33333		26.41521	79	22-112
delta-BHC			28.89711	87	54-120
	33.33333		25.25291	76	10- 96
gamma-BHC (Lindane)	33.33333		26.99529	81	26-113
alpha-chlordane	33.33333		29.61894	89	49-103
gamma-chlordane	33.33333		29.57590	89	50-106
4,4'-DDD	33.33333		30.45512	91	47-112
4,4'-DDE	33.33333	!	28.54260	86	36-117
4,4'-DDT	33.33333		37.04238	111	49-124
Dieldrin	33.33333		28.48146	85	44-108
Endosulfan I	33.33333	l	29.35515	88	49-103
Endosulfan II	33.33333		32.31192	97	53-115
Endosulfan sulfate	33.33333	ļ	33.02970	99	51-110
Endrin	33.33333		23.19867	70	44-118
Endrin aldehyde	33.33333		37.03351	111	48-128
Endrin Ketone	33.33333		33.85872	102	38-130
Heptachlor	33.33333		29.29602	88	47-113
Heptachlor epoxide	33.33333		29.08945	87	47-112
Methoxychlor	33.33333	J	39.23242	118	39-147
<del></del>			33.23242	110	39-14/
· · · · · · · · · · · · · · · · · · ·	- I <del></del>	<u></u>			

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 20 outside limits

COMMENTS:

page 1 of 1

FORM III PESTICIDE

### FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06023

SDG No.: 9810-042

Matrix Spike - Sample No.: 9810-042-1 Level: (low/med) LOW

СОМЪОПИ	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
	========	=======================================	=============	=====	
Aldrin	33.33	0.000	22.19	66	31-111
alpha-BHC	33.33	0.000	23.17	70	22-112
beta-BHC	33.33	0.000	25.14	75	54-120
delta-BHC	33.33	0.969	23.70	68	10- 96
gamma-BHC	33.33	0.630	23.22	68	26-113
alpha-chlordane	33.33	0.000	23.80	71	49-103
gamma-chlordane	33.33	0.490	24.43	72	50-106
4,4'-DDD	33.33	0.000	25.16	75	47-112
4,4'-DDE	33.33	0.566	22.69	66	36-117
4,4'-DDT	33.33	0.726	27.64	81	49-124
Dieldrin	33.33	0.500	23.84	70	44-108
Endosulfan I	33.33	0.735	25.15	73	49-103
Endosulfan II	33.33	0.000	27.15	81	53-115
Endosulfan sulfate	33.33	0.723	28.18	82	51-110
Endrin	33.33	0.000	19.26	58	44-118
Endrin aldehyde	33.33	0.000	38.35	115	48-128
Endrin ketone	33.33	0.000	31.84	96	38-130
Heptachlor	33.33	1.82	25.61	71	47-113
Heptachlor epoxide	33.33	0.430	23.70	70	47-112
Methoxychlor	33.33	0.391	28.48	84	39-147

#	Column	to be	used	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outsid	de of	QC	limits						

COMMENTS:				
		 	 ***	 

### FORM 3

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06023

SDG No.: 9810-042

Matrix Spike - Sample No.: 9810-042-1 Level: (low/med) LOW

	SPIKE	MSD	MCD	· — ·	,	<del></del>
	ADDED	CONCENTRATION	MSD %	١ .	00.	T11700
COMPOUND				-% 		IMITS
COMPOUND	(ug/Kg)	(ug/Kg)	REC #	RPD #	RPD	REC.
Aldrin	22 22		======	======	======	=====
	33.33	21.98	66	0	20	31-111
alpha-BHC	33.33	22.14	66	6	20	22-112
beta-BHC	33.33	25.25	76	1	20	54-120
delta-BHC	33.33	23.54	68	0	20	10- 96
gamma-BHC	33.33	22.70	66	3	20	26-113
alpha-chlordane	33.33	24.10	72	1	20	49-103
gamma-chlordane	33.33	24.51	72	0	20	50-106
4,4'-DDD	33.33	25.51	76	1	20	47-112
4,4'-DDE	33.33	22.88	67	2	20	36-117
4,4'-DDT	33.33	27.98	82	1	20	49-124
Dieldrin	33.33	23.89	70	ō	20	44-108
Endosulfan I	33.33	25.21	73	ŏ	20	49-103
Endosulfan II	33.33	27.64	83	2	20	53-115
Endosulfan sulfate	33.33	28.70	84	2	20	51-110
Endrin	33.33	19.23	58	ō	20	44-118
Endrin aldehyde	33.33	39.00	117	2	20	48-128
Endrin ketone	33.33	32.70	98	2	20	38-130
Heptachlor	33.33	25.25	70	1	20	
Heptachlor epoxide	33.33	23.23	70	0		47-113
Methoxychlor	33.33	29.42	87	- 1	20	47-112
	22.22	29.42	87	4	20	39-147

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 20 outside limits Spike Recovery: 0 out of 40 outside limits

COMMENTS:

page 2 of 2

FORM III PESTICIDE

### **Quality Control Reports**

GC PCBs

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBS - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis TN

ETC Order # : \_9810-042 Method (SW-846) : \_8082/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of

extraction.

### QUALITY CONTROL

OC Batch Form 4 Summary P06023 P06023LB

<u>System Monitoring Compounds FORM 2</u> Surrogate recoveries within QC limits.

Laboratory Control Sample FORM 3 P06023LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9810-042-01 RPD: All analytes within QC limits. RA-TS-007 Spike Recovery: All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06023LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

#### SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

### FORM 2 SOIL PCB SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.: SAS No.:

SDG No.: 9810-042

Level: (low/med) LOW

	EPA GC	S1	S2	S3	S4	<u> 55</u>	S6	S7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	#	#	#	#	#	#	OUT
01	P06023LB	79	95		=====		======	=====	=====	===
02	P06023LCS	71	88		ļ	I		<del></del>	ļ <del></del>	0
03	9810-042-1	63	91				]	ļ <del></del>	<del></del>	ő
04	9810-042-1MS	74	92							0
05 06	9810-042-1MS	65	88					<b> </b>		0
07										lI
08						<u> </u>	<del></del>	<u> </u>		
09						<del></del>				<b></b>
10										
11 12										
13										
14										
15										
16										
17 18										
19							· ——			
20										
21										
22 23	<del></del>									
24								·		
25					<del></del>					
26							. ——			
27										
28 29										
30						<del></del>		<del></del>		
201	I		!							

S1 (TMX) = Tetrachloro-m-xylene (39-130) S2 (DBC) = Decachlorobiphenyl (64-154)

- # Column to be used to flag recovery values
  \* Values outside of contract required QC limits
  D Surrogate diluted out

P06023LB

Lab Name: ETC, INC.

Lab Prep Batch: P06023

Lab File ID: C210011A-36R

Date Analyzed: 10/02/98

GC Column: DB-608 ID: 0.53 (mm)

SDG No.: 9810-042

Lab Prep Batch: P06023

Time Analyzed: 1658

Heated Purge: (Y/N) N

Instrument ID: PEST2A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	=========	======================================	=======================================	=========
01	P06023LCS		C210011A-37R	1737
02	9810-042-1	<u> </u>	C210011A-38R	1816
03	9810-042-1MS	j	C210011A-39R	1856
04	9810-042-1MS		C210011A-40R	1935
05			021002111 1010	1555
06			<del></del>	
07				
80				
09				
10				
11				
12				
13			-	
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:		

page 1 of 1

FORM IV PCB

### FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

EPA GC SAMPLE NO.

P06023LB

Lab Name: ETC, INC.

SDG No.: 9810-042

Matrix: (soil/water) SOIL

Lab Prep Batch: P06023

Sample wt/vol: 3

30.0 (g/mL) G

Lab File ID: C210011A-36R

Level: (low/med) LOW

Date Analyzed: 10/02/98

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug)		Q
11104-28-2 11141-16-5 53469-21-9 11097-69-1 11096-82-5	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1254 Aroclor 1260 Aroclor 1248		16.67 16.67 16.67 16.67 16.67 16.67	บ บ บ บ
				l

FORM I PCB

3781671

### FORM 3 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06023

SDG No.: 9810-042

Matrix Spike - Sample No.: P06023LCS

Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		277.3	83	25-125
Aroclor 1260	333.3		276.2	83	25-125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

COMMENTS:	

Lab Name: ETC, INC.

Lab Prep Batch: P06023

SDG No.: 9810-042

Matrix Spike - Sample No.: 9810-042-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	330.0	0.000	291.8	88	25-125
Aroclor 1260	330.0		294.2	89	25-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L	MITS REC.
Aroclor 1242	332.2	290.4	87	1 3	20	25-125
Aroclor 1260	332.2	284.2	86		20	25-125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

COMMENTS:	

FORM III PCB

### COMPOSITE CONFIRMATION SAMPLE COLLECTED FOLLOWING EXCAVATION IN AREA C Date Collected 10/02/98

RA-C-019 (Composite of Grids C1, C2, C3, C4 & C5)

### ENVIRONMENTAL TESTING & CONSULTING, INC.

2924 Walnut Grove Road • Memplus, TN 38111 • (901) 327-2750 • FAX (901) 327-6334

Founded 1972

October 6, 1998

Ms. Elena Rodriguez OHM Remediation Services 5445 Triangle Parkway Suite 400 Norcross, GA 30092

Ref: Analytical Testing

ETC Order # 9810086 Project Description DDMT

Project # 20560

Defense Depot - Memphis, TN

The above referenced project has been analyzed per your instructions. The analyses were performed in our laboratory in accordance with Standard Methods 17th/18th Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR part 136.

The results are shown on the attached analysis sheet(s).

Please do not hesitate to contact our office if you have any questions.

Sincerely,

Nathan A. Pera, IV

Chief Executive Officer

rt

Attachment

OHM DDMT

### 3781675. Chemical Analytical Data Review/Evaluation/Validation

SOUTHERN REGION	Review/Evaluatio	n/Validation
Report Type [ ] Preliminary [ ] Final Date Received:	Project Number	20560
Project Name Analysis/Me	thod: TCL Post/PCS	3 PAIT : A:
Laboratory ETC mem 2015	Lab Project/Case Number:	<u>~9310</u> 080
Sample Number(s): $R = R = C - O = C$		
Evaluated By: S Paranjapa	Date Evaluated:2 /	1/99
Data Package Deliverables Requirement: [ ] OHM Minimum [ -]  [ ] Other, please describe	OHM Standard [ ] OHM	1 Maximum
Quality Control Deliverables	Dequired Desired	D1   D1
PQL, MDL, RL, etc meets DOOs	Required Received	Passed Failed
Comment:	<u> </u>	
Holding Times		<u> </u>
Comment:		
Sample Condition (preservatives, containers, temperature, etc) / Case Narrat	ive X	
Comment:	<u> </u>	
Surrogate Recoveries	х	
Comment one high in BNA, Allowoole, data Hayred J. BNA-symple, ms, msp p Lab Control Sample Recoveries	OK. DCB LOW CA	Feor Result
Lab Control Sample Recoveries  Comment:	х	
Lab Control Sample Duplicate or Other Spike Recoveries	T X T	
Comment:	· · · · · · · · · · · · · · · · · · ·	
Lab Control Sample Duplicate or Other Laboratory Duplicate RPD	X	
Comment:		
Matrix Spike Recoveries	X	
Comment:		
Matrix Spike Duplicate Recoveries	X	
Comment:		
Matrix Spike / Matrix Spike Duplicate RPD	х	
Comment High on BNA, LCS UK data a	ereptable.	
Laboratory Blanks (daily, method, instrument)	X	
Comment:		
Field Blanks (trip, eqpt rinsate, ambient, matrix)	X	
Comment:		<u>I</u>
<u>'`</u> 177		

Quality Control Deliverables			Required	Received	Passed	Failed
Field Duplicates RPD		<u> </u>	Х			
Comment:	Α!	11-				<del></del>
Second Source Check		7.7	ع نماذ			
Comment:	المزا	<del></del>		<u> </u>	一六	
Second Column Confirmation	<u>````</u>		<del></del>	<del>-</del>	<del></del>	
Comment:	· · · · · · · · · · · · · · · · · · ·	·			سسا	
Percent Moisture/Solids						
Comment:	· · · · · · · · · · · · · · · · · · ·					
Initial / Continuing Calibrations			سن			-
Comment: Pest- continuation out Surprise no addition a Internal Standard Areas and Retention Times (Organic	- U-L- + 2.5 5 - 2.5 - 2.5	172,00	Jun -10	4750/	ア <sup>し</sup> っ	40.0
Internal Standard Areas and Retention Times (Organic	s Only)	= = = = 0 9 2	C1 C CA /	<u> 1813 - 12</u>	6c c	inta sta
Comment:						
Chromatograms						
Comment:	<del></del>	<u>.                                  </u>				
Country W. L.						
Sample Prep Worksheets Comment:					4	
Raw Data Calculations	1		Ī	1	······································	
Comment:	,		· · · · · · · · · · · · · · · · · · ·	<u></u>		<del></del>
Laboratory Duplicates	<del></del>		<u> </u>	·		<del></del>
Comment:	· · · · · · · · · · · · · · · · · · ·	<u></u>	<u></u>			
Instrument Performance Checks (Organics Only)	<del></del>					
Comment:	·	<u></u>			<i>v</i>	
Tentatively Identified Compounds (TICs)  Comment:			i		سسسا	
Somment.						
Completeness	# Samples	# Analyses		Tot # Accept A	ınaiyses	% Complete
Completeness = (Tot # Analyses / Tot # Accepted Analyses) x 100	- /	4	Analyses	~		100
General Comments:		<del></del>		<del></del>		100
	<del></del>	<u> </u>				
ummary: [ ] See attached pages			<del></del>			
Pest and PCB-1260 SI	ay red	J' For	5477	ing at	>=: <i>C</i> 24	e 10
Pest and PCB-1260 fl and cont calibration re	Spectnel	1 A-11	data	CLECCI.	19.61	·O
Check Applicable: [ ] Lab contactedCorrecti						
[ ] Corrective actions receiv	ved and accept		ite Contacted ite Received/.			
[ ] The data, as reported by	the laboratory	, are acceptal	ole.	_	_	
[ ] The data, with qualifiers	as described i	in the "Summ	ary" portion	of this report	are acce	ptable.
[ ] The data are unacceptab.	lc.					
5 Pasaryage Evaluator's Signature	<del></del>	<del></del> ·		- / /		
Evaluator's Signature	<del></del>			2/1/9	19	···
ragnator a Signature				D	ate	<del></del>

## Environmental Testing & Consulting, Inc. Data Qualifiers for Organic Reporting

Within the attached report, some analytical data may be reported as "Qualified Data" as indicated by a "Data Qualifier" next to the result. This table summarizes the possible "Data Qualifiers" that may be associated with this report.

Q	Surrogate Recovery Outside QC Limits				
J	J Estimated Value. Presence of the compound was confirmed but less than the				
	reported detection limit.				
E Concentration exceeds the established method calibration range but is within					
	the working range of the instrument.				
В	B Analyte detected in the associated Method Blank.				
U	U Reported result was unconfirmed. Refer to Case Narrative.				
N	Non-Compliance Report associated with this sample or project.				
C	Result reported from GC/MS confirmation analysis.				
NC	NC Result reported from Primary Column. Result did not confirm.				
*	QC Data (percent recovery/RPD for a particular analyte was outside QC Limits)				

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Welnut Grove Road - Memphis, TN 38111 - (901)327-2750
ANALYTICAL SUMMARY TABLE

### 3781678

Client Name OHM Remediation Services

Site ID DDMT

Memphis, TN

ETC				
Sample ID	Field ID	<u>Matrix</u>	Method	Method Description
981008601	RA-C-019	SOIL	6010B	Silver
981008601	RA-C-019	SOIL	6010B	Aluminum
981008601	RA-C-019	SOIL	7060A	Arsenic
981008601	RA-C-019	SOIL	8270C	GC/MS PAH
981008601	RA-C-019	SOIL	6010B	Barium
981008601	RA-C-019	SOIL	6010B	Beryllium
981008601	RA-C-019	SOIL	6010B	Calcium
981008601	RA-C-019	SOIL	6010B	Cadmium
981008601	RA-C-019	SOIL	9010A	Cyanide
981008601	RA-C-019	SOIL	6010B	Cobalt
981008601	RA-C-019	SOIL	6010B	Chromium
981008601	RA-C-019	SOIL	6010B	Copper
981008601	RA-C-019	SOIL	6010B	Iron
981008601	RA-C-019	SOIL	7471A	Mercury
981008601	RA-C-019	SOIL	6010B	Potassium
981008601	RA-C-019	SOIL	6010B	Magnesium
981008601	RA-C-019	SOIL	6010B	Manganese
981008601	RA-C-019	SOIL	6010B	Sodium
981008601	RA-C-019	SOIL	6010B	Nickel
981008601	RA-C-019	SOIL	8081A	Organochlorine Pesticides
981008601	RA-C-019	SOIL	7421	Lead
981008601	RA-C-019	SOIL	8082	PCBs
981008601	RA-C-019	SOIL	6010B	Antimony
981008601	RA-C-019	SOIL	7740	Selenium
981008601	RA-C-019	SOIL	7841	Thallium
981008601	RA-C-019	SOIL	6010B	Vanadium
981008601	RA-C-019	SOIL	6010B	Zinc

Login Chain-of-Custody

LABORATORY COPYO	2180300		RECIPIENT STATES OF THE PROPERTY OF THE PROPER	ADDRI SS	5445 Triangle Pkwy, #400	MOLECULE CA 20003	5		Comments	Please fax results on DUE DATE to	SITE and to Lab Coordinator										COOLFR TLMP-KATURI UKW RECEPT	I L S CONDITION UPON BY CLIFT		Goldenrod - Project File, Yellow - Project Data Manager
ECORD		Laboratory Confact Nathan Pera	1 ABORATORY FAX 901-327-6334		e Road	JIES.	1000		くく		7											SANIC		Project File, Yellow
CUSTODY R		LABORATORY SERVICE ID ETC	LABORATORY PHONE 901-327-2750	LABORATORY ADDRESS	2924 Walnut Grov	Memohis IN 38111	1		<b>(</b> §		X X X										MK3.	(3£21		1 1
CHAIN-OF.	9) 423-3526	LAB COORDINATOR S FAX 770-453-7716	PROJECT NUMBI R 20560	PROJECT FAX	901-743-1048	cuent USACE	PROJECT MANAGER S HAN	31//=854-0	10 0 % 1 WA	1/20 xx/0	17										141	الماريا الماريا		White - Laboratory (To be returned with Analytical Report)
diation		COCKDINATOR S PHONE  3-734-8060	CTLOCATION	3ER				3/10		( ) ( ) ( )	2000											A Longer		1 1
OHM Rem	Subsidiary of OHM . US Route 224 East		T NAME	T CONTACT	er	Ave.		100000000000000000000000000000000000000	-	KA-C-019			Mercelon Company								MPI ES COLLECTED BY SPELYPLER WIT TOP	S. Maria Je		Distribution
	ation CHAIN-OF-CUSTODY RECORD	Rem diation CHAIN-OF-CUSTODY RECORD LABORATORY COPYCOS Of OHM Corporation 218030	Services Corp  JHM Rem diation  CHAIN-OF-CUSTOBY RECORD  Jubicalization  Jubicalization  Services Corp  Jubicalization  Jubica	Services Corp Services Corp Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Remediation Services Corp TYO-734-8060 TYO-453-7716 TNAME Memphis TN Subsidiary of OHM Remediation Services Corp TNAME Memphis TN Subsidiary of OHM Remediation Services Corp	Services Corp  Jacob Corp  Jacob Corp  Jacob Corp  Jacob Corp  Jacob Corp Corp Corporation  Jacob Corporation  Jacob Corporation  Jacob Corporation  Jacob Corporation  Jacob Corporation  Jacob Corp  Jacob Corporation  Jaco	Services Corp Subsidiary of OHM Rem diation Services Corp Subsidiary of OHM Corporation U.S. Route 224 East * Findlay, Ohto 45840 * (419) 423-3526  LAB CORDINATOR S FAN A ROACTION OF TANAME  REQUESTRY SERVICE IN TABLE RECORDINATION S FAN A ROACTION OF TANAME  REQUESTRY SERVICE IN TABLE RECORDINATION S FAN A ROACTION OF TANAME  REQUESTRY SERVICE IN TANAME  REQUESTRY SERVICES CORP  TANAME  REQUESTRY SERVICE IN TANAME  REQUESTRY SERVICES CORP  TO -734 -8060  TO -734 -8060  TO -734 -8060  TO -743 - 1048  TO -	CHAIN-OFFCORD   CHAIN-OFFCOR	Services Corp Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Services Corp Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Services Corp Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Services Corp U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  Subsidiary of OHM Cerporation U.S. Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  FURNINGIA RECORDING RECORD  Trong Front Findlay, Ohio 45840 * (419) 423-3526  FORM Route 224 East * Findlay, Ohio 45840 * (419) 423-3526  FORM Route 224 Walling Grove Road  Trong Front Findlay, Ohio 45840 * (419) 423-3526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-3526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-3526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Trong Front Findlay, Ohio 45840 * (419) 423-4526  FORM Remediation Services Corp  Form Findlay, Findl	Services Corp Subsidiary of OHM Corporation Subsidiary of OHM Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Tronger Troughts TN 38111 Troughts TN 38111 Troughts TN 38111 Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Troughts TN 38111 Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Remediation Services Corp Trowner Troughts TN 38111 Trowner Trowner Trowner Remediation Services Corp Trowner Trowne	Services Corp Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Corporation Subsidiary of OHM Remediation Services Corp Thouse Redictions Tronger Project Trans Redictions Tronger Project Trans Redictions Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger Project Trans Tronger	Services Corp Subsidiary of OHM Rem diation  Services Corp Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Emphris TN 38114 USACE Subsidiary of OHM Corporation US Route 224 East * Findiary Subsidiary of OHM Emphris TN 38114 USACE Subsidiary of OHM Emphris TN 38111 Subsidiary of OHM Em	Services Corp   Services Corp	Services Corp  Services Corp  Services Corp  Services Corp  Services Corp  Services Corp  Subsiding of OHM Condition  Services Corp  Subsiding of OHM Corporation  Subsiding of OHM Corporation  Subsiding of OHM Corporation  Tool-453-7716  Tool-453-7716  Subsiding of OHM Corporation  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453-7716  Tool-453	Services Corp  Services Corp  Services Corp  Subadary Of Ponday  S	Several Corporation	CHAIN-OF-CUSTODY RECORD  Services Corp  Services Corp  Standard of the 458.0 * (419,423.526.  St	CHAIN-OF-CUSTOBY RECORD   LABORATORY COPPORT   Services Corp   Laboratory of 1014 Copporture   Laboratory Corporation	Section   CHAIN-OF-CUSTOBY RECORD   LABORATORY COPPERED	CHAIN-OF-CUSTODY RECORD   LABORATORY COPPED	CHAIN-OF-CUSTOBY RECORD	CHMN Rem diation	Services Court   Serv	CHAIN-OF-CUSTODY RECORD   LABORATORY CONTROL   LA	CHAIN-OF-CUSTODY RECORD   Lattocknown control of the control of

### COOLER RECEIPT FORM

Cooler Receipt Form 9810086 CRF p 1

		Number of Coolers1	
LIN	IS #9810-086	Date Received10/2/98	
		VDTSR _10/2/98 15 30	
PRO	DJECT _DDMT/Memphis, TN		
	USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNIN	NG CHECK-IN PROBLEMS	
A	PRELIMINARY EXAMINATION PHASE Date cooler was opened10/2/98 by (print) _Lynette Bugg (sign)	with Buy	
1	Did cooler come with a shipping slip (airbill,etc)?  If YES, enter carrier name & air_ill number		<b>N</b> O
	Were custody seals on outside of cooler? Were custody seals on sample containers?		NO NO
3	Were custody seals unbroken and intact at the date and time of arrival		NA
4	Did you screen samples for radioactivity using a Geiger Counter?		140
5	Were custody papers sealed in a plastic bag & taped inside to the lid?		МО
6	Were custody papers filled out properly (ink, signed, etc.)?		YES
7	Did you sign custody papers in the appropriate place?		YES
8	Was project identifiable from custody papers? If YES, enter project na	ame at top of this form	YES
9	If required, was enough ice used? cooler temp $\_\_ <4^{\circ}C\_\_$ , Type of ice	Bagged	YES
10	Have designated person initial here to acknowledge receipt of cooler	LB date10/2/98_	
В	LOG-IN PHASE Date samples were logged-in10/2/98	yester Buy	
	Describe type of packing in coolerBubble Wrap and Ice	γ ,	
12	Were all bottles sealed in separate plastic bags?		YES
13	Did all bottles arrive unbroken and were labels in good condition?		YES
14	Were all bottle labels complete (ID, date, time, signature, preserved,	etc)?	YES
15	Did all bottle labels agree with custody papers?		YES
16	Were correct containers used for the tests indicated?	•	YES
17	Were correct preservatives added to samples?		YES
18	Was a sufficient amount of sample sent for tests indicated?		YES
19	Were bubbles absent in VOA samples? If NO, list by sample#		NA NA
20	Was the project manager called and status discussed? If YES, give deta	ils on the back of this form	NO
21	Who was called? By whom ?	(date)	

VDTSR - Validated Date/Time of Sample Receipt (Date sample is logged into LIMS system)

**Environmental Testing & Consulting, Inc.** 

**Sample Reports** 

# ENVIRONMENTAL TESTING & CONSULTING, INC. Memphis, TN INORGANIC ANALYSIS DATA SHEET PERCENT SOLIDS

Client Name

:OHM Remediation Services

Project Name

:DDMT

Memphis, TN

Matrix :SOIL

Date Sample Received :10/02/98

Contract Laboratory Order Number :9810-086

Contract Lab <u>Sample No</u>	Client Sample <u>ID</u>	Date <u>Sampled</u>	Result <u>Units :(%</u>	Date <u>) Analyzed</u>	Method	<u>B</u> y
9810-086-01	RA-C-019	10/02/98	91	10/05/98	160.3	MC

LABORATORY MANAGER

# ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 INORGANIC ANALYSIS DATA SHEET

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/02/98 ETC Order Number 9810086

ETC Lab ID 9810086-01 Sample ID: RA-C-019

Matrix :SOIL

Project # 20560

Sample Date :10/02/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED BY	METHOD
Cyanide	ND	mg/Kg	1.00	09 10	10/05/98 GD	9010A

BORATORY MANAGER

### ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

INORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/02/98 ETC Order Number 9810086

ETC Lab ID 9810086-01 Sample ID: RA-C-019 Matrix :SOIL

Project # 20560

Sample Date :10/02/98

TEST	RESULT	UNITS	DETECTION LIMIT	TIME ANALYZED	DATE ANALYZED I	3Y	METHOD
Metals Digestion Batch	V8-S0-43		<del></del>			JR	3051
Mercury Digestion Batch	V4-SO-37					M	7471A
Silver	ND	mg/Kg	0 700	13:09		D.	6010B
Aluminum	11,100	mg/Kg	4.00	13:35	* * * * * * * * * * * * * * * * * * * *	.D	6010B
Arsenic	12 4	mg/Kg	0 200	11:20	, ,	F	7060A
Barium	132	mg/Kg	0 200	13.09	*. *	D.	6010B
Beryllium	0.547	mg/Kg	0.100	13.09		D.	6010B
Calcium	2,100	mg/Kg	1.00	13 · 09		D.	6010B
Cadmium	ND	mg/Kg	0.400	13.09	, ,	.D	6010B
Cobalt	9.09	mg/Kg	0.700	13.09		D	6010B
Chromium	15.0	mg/Kg	0.700	13.09		'D	6010B
Copper	18.8	mg/Kg	0.600	13 09		'D	6010B
Iron	20,200	mg/Kg	0.700	13:35		'D	6010B
Mercury	0.042	mg/Kg	0.020	14:38	10/06/98 F	M	7471A
Potassium	907	mg/Kg	20.0	13:09	10/06/98 7	ים	6010B
Magnesium	2,180	mg/Kg	3.00	13:09	10/06/98 7	'D	6010B
Manganese	697	mg/Kg	0.200	13:09	10/06/98	'D	6010B
Sodium	66.0	mg/Kg	20.0	13:09	10/06/98 1	'D	6010B
Nickel	17.2	mg/Kg	1.50	13.09	10/06/98 7	'D	6010B
Lead	26.0	mg/Kg	0.100	12:50	10/06/98 7	'D	7421
Antimony	ND	mg/Kg	3.20	13:09	10/06/98 7	'D	6010B
Selenium	ND	mg/Kg	0.200	13.07		F	7740
Thallium	0.250	mg/Kg	0.100	15:13	10/06/98 3	ΙF	7841
Vanadıum	22.7	mg/Kg	0.800	13:09	10/06/98 7	ĽD	6010B
Zinc	81 5	mg/Kg	1 00	13:09	10/06/98	ď	6010B

ENVIRONMENTAL TESTING & CONSULTING, INC.
2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750
ORGANIC ANALYSIS DATA SHEET

3781686

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/02/98 ETC Order Number 9810086

ETC Lab ID 9810086-01 Sample ID: RA-C-019 Matrix :SOIL

Sample Date :10/02/98

Project # 20560 FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
GC/MS PAH							8270C
00 Det -1				10/05/98	10/05/98	RR	
QC Batch	P04047	ug/Kg					
Acenaphthene	ND	ug/Kg	67 Q				
Acenaphthylene	ND	ug/Kg	67.0				
Anthracene	ND	ug/Kg	67.0				
Benzo(a) anthracene	135	ug/Kg	67 Q				
Benzo(b)fluoranthene	325	ug/Kg	67.0				
Benzo(k) fluoranthene	197	ug/Kg	67.0				
Benzo(g,h,ı)perylene	ND	ug/Kg	67.0				
Benzo(a)pyrene	208	ug/Kg	67.0				
Chrysene	248	ug/Kg	67 0				
Dibenzo(a,h)anthracene	ND	ug/Kg	67.0				
Fluoranthene	176	uq/Kq	67 0				
Fluorene	ND	ug/Kg	67 0				
Indeno(1,2,3-cd)pyrene	147	ug/Kg	67.0				
Naphthalene	ND	ug/Kg	67.0				
Phenanthrene	ND	ug/Kg	67.0				
Pyrene	180	ug/Kg	67.0				
Surrogate Standard	% Rec	overy	QC Lir	nits			
S1 - Nitrobenzene-d5	76		39	80			
S2 - 2-Fluorobiphenyl	91 0	)	43	84			
S3 - 4-Terphenyl-d14	68	•	40	121			

ORATORY MANAGER

## FORM 1 BNA-GCMS ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC, INC.	Con	tract:	
Lab Code:	Case No.: SA	S No.: SDG	No.: 9810-086
<pre>Matrix: (soil/water)</pre>	SOIL	Lab Sample ID	:
Sample wt/vol:	30.1 (g/mL) G	Lab File ID:	1201013
Level: (low/med)	LOW	Date Received:	:
% Moisture:	decanted: (Y/N)	Date Extracted	<b>1:</b>
Concentrated Extract	Volume: 1(mL)	Date Analyzed:	10/05/98
Injection Volume:	1.0(uL)	Dilution Facto	or: 1.0
GPC Cleanup: (V/N)	N 24.70		

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

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 99-12-7 2. 57-10-3 3. 27554-26-3	5-NITRO-M-XYLENE HEXADECANOIC ACID 1,2-BENZENEDICARBOXYLIC ACID	11.49 12.11 16.24	161 363 376	NJ NJ
4. 5. 6. 7.				
8. 9. 0.				
2. 3. 4.				
5				
9 0 1.				
3. 4.				
5				
9.				

FORM I BNA-GCMS-TIC

## ENVIRONMENTAL TESTING & CONSULTING, INC.

3781688

2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750 ORGANIC ANALYSIS DATA SHEET

Client Name OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/02/98 ETC Order Number 9810086

ETC Lab ID 9810086-01 Sample ID: RA-C-019

Matrix :SOIL

Project # 20560

Sample Date :10/02/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	ву	METHOD
Organochlorine Pesticides							8081A
QC Batch	P06024	ug/Kg		10/05/98	10/09/98	RG	
Aldrin	ND	J. J	2 00	J			
Alpha-BHC	ND		2.00	J.			
Beta-BHC	ND		2 00	1			
Delta-BHC	ND	J. J	2 00	1			
Gamma-BHC (Lindane)	ND		2 00	Į			
Alpha-Chlordane	ND		2.00	•			
Gamma-Chlordane	ND		2.00	1			
Chlordane	ND		20.0	1			
4,4'-DDD	ND		2 00	1			
4,4'-DDE	19 4		2 00	j			
4,4'-DDT	25.3	J, J	2 00				
Dieldrin	90.4		2.00	İ			
Endosulfan I	ND		2.00				
Endosulfan II	ND		2 00				
Endosulfan Sulfate	ND		2 00	1			
Endrin	ND	ug/Kg	2.00	1			
Endrin Aldehyde	ND		2.00	ļ			
Endrin Ketone	ND	ug/Kg	2.00	1			
Heptachlor	ND		2.00				
Heptachlor Epoxide	ND	ug/Kg	2.00	(			
Methoxychlor	ND		2.00				
Toxaphene	ND	ug/Kg	200	J.			
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Decachlorobiphenyl	55 (		64	154			
S2 - Tetrachloro-m-xylene	81	_	39	130			

ABORATORY MANAGER

000012

ND - Not Detected

## ENVIRONMENTAL TESTING & CONSULTING, INC. 2924 Walnut Grove Road - Memphis, TN 38111 - (901)327-2750

ORGANIC ANALYSIS DATA SHEET

3781689

Client Name

OHM Remediation Services

Defense Depot - Memphis, TN

5445 Triangle Parkway

Suite 400

Norcross, GA 30092

Site ID

DDMT

Memphis, TN

Date Arrived 10/02/98 ETC Order Number 9810086

ETC Lab ID **9810086-01** Sample ID: RA-C-019

Matrix :SOIL

Project # 20560

Sample Date :10/02/98

FID # DACA45-96-D-0014

TEST	RESULT	UNITS	DETECTION LIMIT	DATE EXTRACTED	DATE ANALYZED	вч	METHOD
PCBs							8082
				10/05/98	10/06/98	RG	
QC Batch	P06024	ug/Kg					
PCB-1016	ND	ug/Kg	35.0				
PCB-1221	ND	ug/Kg	35.0				
PCB-1232	ND	ug/Kg	35 0				
PCB-1242	ND	ug/Kg	35 0				
PCB-1248	ND	ug/Kg	35 0				
PCB-1254	ND	ug/Kg	35.0				
PCB-1260	ND	ug/Kg	35.0				
Surrogate Standard	% Rec	overy	QC Li	mits			
S1 - Tetrachloro-m-xylene	77		39	130			
S2 - Decachlorobiphenyl	117		64	154			

ORATORY MANAGER

0000**13** 

ND - Not Detected

Environmental Testing & Consulting, Inc.

**Quality Control Reports Inorganics** 

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE INORGANICS

3781691

: \_OHM Remediation Services: \_Defense Depot - Memphis, TN Client Name

Project Name

ETC Order # : 9810-086

HOLDING TIMES

Sample Analysis : All samples analyzed within Method Specified Holding Times.

CALIBRATION

Laboratory Control Sample : All criteria met.

QUALITY CONTROL

Matrix Spike

Spike Recovery : All analytes within QC limits

Method Blank

No Target Analytes detected above Detection Limit.

ratory Manager

# Environmental Testing & Consulting, Inc. Inorganic QC Data Summary

Client Name

**OHM Remediation Services** 

Project

DDMT-Memphis, TN

ETC Order Number 9810-086-01

9810-086-01 9810-086-01 1

File Name

## Method Blank

	Date	Blank	1
Analyte	Analyzed	Concentration mg/Kg	QC Batch
Cyanide	10/05/98	<1 00	CY100598

## Calibration Verification (CV)

	1			% Difference
Cyanide	10/05/98	0 200	0 213	6.5

## Laboratory Control Sample (LCS)

		LCS Conc		l
Analyte	Anaiyzed	mg/Kg	Found	Recovery
Cyanide	10/05/98	20 0	19.6	98 0

## Matrix Spike/Matrix Spike Duplicate

Sample ID	Analyte	1 - 1	•		MS % Recovery	QC Limits	RPD
9810-042-01 MS	Cyanide	18.9	<1 00	18 6	98	70 - 130	
9810-042-01 MSD	Cyanide	192	<1 00	19 3	101	70 - 130	3

## Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

Metals (ICP/GFAA/CV)

ENVIRONMENTAL TESTING AND CONSULTING, INC

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

Client Name : \_OHM Remediation Services : \_Defense Depot - Memphis, TN Project Name

ETC Order # : 9810-086

#### HOLDING TIMES

QC Batch(s) for this order : ICP/GFAA V8-SO-43

Mercury V4-SO-37

Sample Analysis : All samples digested and analyzed within 180

days of collection.

Mercury Analysis : All samples analyzed within 28 days of

collection.

#### CALIBRATION

Initial Calibration : All criteria met. Continuing Calibration : All criteria met.

#### SAMPLE ANALYSIS

Instrumentation : Thermo Jarrell Ash Enviro-I ICP

Varian 640Z Zeeman Graphite Furnace Perkin Elmer 5100ZL Graphite Furnace
Perkin Elmer 6000 Graphite Furnace
Thermo Jarrell Ash AA-Scan 4 Graphite Furnace
CETAC M-6000A Mercury Analyzer

Dilutions Required : No dilutions required.\*

Due to low recoveries and failing Post Digestion Spike, all Selenium data was reported based on the Method of Standard Additions.

Dilutions were performed on several samples to bring the Target Analyte(s) within calibration range (C) or to remove spectral interference (I) as indicated.

Sample ID	Metal	Dilution <b>Factor</b>	<u>Sam</u> ple ID	Metal	Dilution <b>Factor</b>
9810-086-01	Arsenic	1:2(C)	9810-086-01	Iron	1:5(C)
9810 <b>-</b> 086-01	Aluminum	1:5(C)	9810-086-01	Lead	1:6(C)

## QUALITY CONTROL

#### 9810-086.MQCBLANK

<u>Method Blank</u>

V8-SO-43BLK - ICP/GFAA Metals V4-SO-37BLK - Mercury

Calcium identified in V8-SO-43BLK at 3.60 mg/Kg. Iron identified in V8-SO-43BLK at 1.40 mg/Kg.

#### 9810-086.MQCLCS

<u>Laboratory Control Sample(s)</u> V8-SO-43LCS - ICP/GFAA Metals

V4-SO-37LCS - Mercury

All criteria met.

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

3781695

: \_OHM Remediation Services: \_Defense Depot - Memphis, Client Name

Project Name

ETC Order # : 9810-086

#### QUALITY CONTROL

#### 9810-086.MQCMSMSD

<u>Matrix Spike / Matrix Spike Dup - ICP Metals</u>

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.\* 9810-086-01 RA-C-019

Recoveries for Antimony were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. A Post Digestion Spike was performed for verification :

	mg/L	mg/L	ક	QA
Analyte	Expected	Found	Recovery	<u>Evaluation</u>
Antimony	0.500	0.479	96	Pass

Recoveries for multiple analytes were flagged as outside QC Limits due to the level of these analytes present in the sample relative to the spike amounts. In addition, concentrations of other analytes were high relative to the spike amounts. Dilution Tests were performed for verification ·

	No	1:5	1:25	ૄ	QA
Analyte	Dilution	Dilution	Dilution	Difference	<u>Evaluation</u>
Aluminum		11100 mg/Kg	11200 mg/Kg	1	Pass
Calcium	2100	2150		2	Pass
Iron		20200	20200	0	Pass
Manganese	697	699		0	Pass
Potāssium	907	923		2	Pass
Magnesium	2180	2180		0	Pass
Zinc	81.5	81.0		1	Pass

Refer to Laboratory Control Sample(s) for system verification.

Matrix Spike / Matrix Spike Dup - Graphite Metals

RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.\* 9810-086-01 RA-C-019

Recoveries for Arsenic and Lead were flagged as outside QC Limits due to the level of these analytes present relative to the spike amount. Dilution Tests were performed for verification :

	1:2	1:10	%	QA
<u>Analyte</u>	Dilution	Dilution	Difference	<u>Evaluation</u>
Arsenic	12.4 mg/Kg	12.4 mg/Kg	0	Pass

	1:6	1:30	*	QA
Analyte	Dilution	<u>Dilution</u>	Difference	Evaluation
Lead	26.0 mg/Kg	24.7 mg/Kg	5	Pass

Recoveries for Selenium were flagged as outside QC Limits in the Matrix Spike and Matrix Spike Duplicate. The Post Digestion Spike failed evaluation criteria. All data was reported based on MSA.

Refer to Laboratory Control Sample(s) for system verification.

3781696

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE METALS - SOIL

: \_OHM Remediation Services: \_Defense Depot - Memphis, TN Client Name Project Name

ETC Order # : 9810-086

QUALITY CONTROL

<u>Matrix Spike / Matrix Spike Dup - Hg</u>

9810-094-01 RPD : All analytes within QC limits. Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Dilution Test - Dilution result must agree within 10% of original result when sample is diluted by a factor of 5.

Post Digestion Spike - Recovery must be +/-15% of expected value.

oratory Manager



## SOLID METHOD BLANK METALS

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID ICP/GFAA Metals

V8-SO-43 BLK

QC Batch V8-SO-43

Laboratory ID Mercury

V4-SO-34 BLK

V4-SO-34

Date Sample Prepared

10/05/98 10/06/98 ICP/GFAA Metals

Mercury

	Ţ	Detection		
	Concentration	Limit	Date	
Metals	mg/Kg	mg/Kg	Analyzed	Method
Silver	<0 700	0 700	10/06/98	6010B
Aluminum	<4 00	4 00	10/06/98	6010B
Arsenic	<0 200	0 200	10/06/98	7060A
Barium	<0 200	0 200	10/06/98	6010B
Beryllium	<0 100	0 100	10/06/98	6010B
Calcium	3 60	1 00	10/06/98	6010B
Cadmium	<0 400	0 400	10/06/98	6010B
Cobalt	<0 700	0 700	10/06/98	6010B
Chromium	<0 700	0 700	10/06/98	6010B
Copper	<0 600	0 600	10/06/98	6010B
Iron	1 40	0 700	10/06/98	6010B
Potassium	<20 0	20 0	10/06/98	6010B
Magnesium	<3 00	3 00	10/06/98	6010B
Manganese	<0 200	0 200	10/06/98	6010B
Sodium	<20 0	20 0	10/06/98	6010B
Nickel	<1 50	1 50	10/06/98	6010B
Lead	<0 100	0 100	10/06/98	7421
Antimony	<3 20	3 20	10/06/98	6010B
Selenium	<0 200	0 200	10/06/98	7740
Thallium	<0 100	0 100	10/06/98	7841
Vanadium	<0 800	0 800	10/06/98	6010B
Zınc	<1 00	1 00	10/06/98	6010B
Mercury	<0 020	0 020	10/06/98	7471A

## SOLID LABORATORY CONTROL SAMPLE **METALS**

Lab Name

Environmental Testing and Consulting, Inc.

QC Batch V8-SO-43

Laboratory Control ID

ICP/GFAA Metals V8-SO-43 LCS

Mercury

V4-SO-34 LCS

V4-SO-34

Date Prepared

ICP/GFAA Metals 10/05/98

Mercury

10/06/98

	Spike				C
	Added	Found	%R #	Lir	nıts
Metals	mg/Kg	mg/Kg			
Silver	20 0	22 0	110	80	120
Aluminum	200	217	109	80	120
Arsenic	5 00	4 90	98	85	115
Barıum	200	217	109	80	120
Beryllium	20 0	216	108	80	120
Calcium	400	454	114	80	120
Cadmium	20 0	22 2	111	80	120
Cobalt	100	112	112	80	120
Chromium	40 0	45 7	114	80	120
Copper	40 0	44 5	111	80	120
Iron	200	227	114	80	120
Potassium	400	444	111	80	120
Magnesium	400	440	110	80	120
Manganese	20 0	22 7	114	80	120
Sodrum	400	454	114	80	120
Nickel	100	112	112	80	120
Lead	2 00	1 87	94	85	115
Antimony	200	222	111	80	120
Selenium	5 00	5 05	101	85	115
Thallium	2 00	1 98	99	85	115
Vanadium	100	112	112	80	120
Zinc	20 0	22 4	112	80	120
Mercury	0 167	0 163	98	80	120

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

## SOLID MATRIX SPIKE METALS

Lab Name Environmental Testing and Consulting, Inc.

QC Batch

Laboratory ID MS ICP/GFAA Metals Laboratory ID MS Mercury

9810-086-01

V8-SO-43

9810-094-01

V4-SO-34

Date Sample Prepared

10/05/98 10/06/98 ICP/GFAA Metals

Mercury

	SPIKE	SAMPLE	MS		MS	C	C
İ	Added	Conc	Conc	RPD	%	Lır	nits
Metals	mg/Kg	mg/Kg	mg/Kg	<20% #	Rec #		
Silver	20 7	ND	20 7	2	100	75	125
Aluminum	207	11100	11300	18	97	75	125
Arsenic	5 49	12 4	19 2	5	124	70	130
Barıum	207	132	341	6	101	75	125
Beryllium	20 7	0 547	21 4	5	101	75	125
Calcium	415	2100	2700	3	145 *	75	125
Cadmium	20 7	ND	21 5	0	104	75	125
Cobalt	104	9 09	116	4	103	75	125
Chromium	41 5	15 0	57 9	6	103	75	125
Copper	41.5	18 8	60 5	7	101	75	125
Iron	207	20200	20700	10	242 *	75	125
Potassium	415	907	1280	17	90	75	125
Magnesium	415	2180	2700	5	125 *	75	125
Manganese	20 7	697	662	15	-169 <b>*</b>	75	125
Sodium	415	66 0	509	3	107	75	125
Nickel	104	17 2	125	3	104	75	125
Lead	2 20	26 0	27 0	13	46 *	70	130
Antimony	207	ND	0		0 *	75	125
Selenium	5 49	0 419	3 84	3	62 *	70	130
Thallium	2 20	0 250	2 33	3	95	70	130
Vanadium	104	22 7	120	6	94	75	125
Zinc	20 7	81 5	106	2	118	75	125
Mercury	0 198	0 021	0 211	9	96	75	125

Metals Matrix Spike

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

## SOIL MATRIX SPIKE DUPLICATE **METALS**

Lab Name

Environmental Testing and Consulting, Inc.

Laboratory ID MS ICP/GFAA Metals

QC Batch V8-SO-43

Laboratory ID MS Mercury

9810-086-01 9810-094-01 V4-SO-34

Date Sample Prepared

10/05/98

ICP/GFAA Metals

10/06/98 Mercury

Metals	SPIKE Added mg/Kg	SAMPLE Conc mg/Kg	MSD Conc mg/Kg		MSD % Rec	#		QC nits
	<u> </u>	<u> </u>			1100	-		
Silver	21 5	ND	21 2	İ	99		75	125
Aluminum	215	11100	13500	Î	1116	*	75	125
Arsenic	5 39	12 4	20 1		143	*	70	130
Barium	215	132	361		107		75	125
Beryllium	21 5	0 547	22 4		102		75	125
Calcium	431	2100	2790		160	*	75	125
Cadmium	21 5	ND	21 5		100	┪	75	125
Cobalt	108	9 09	121		104	$\neg$	75	125
Chromium	43 1	15 0	61 6		108	╗	75	125
Copper	43 1	18.8	65 2		108	$\exists$	75	125
Iron	215	20200	22800		1209	*	75	125
Potassium	431	907	1520		142	*	75	125
Magnesium	431	2180	2830		151	*	75	125
Manganese	21 5	697	772		349	*	75	125
Sodium	431	66 0	527		107	寸	75	125
Nickel	108	17 2	129		104		75	125
Lead	2 15	26 0	23 8		-102	*	70	130
Antimony	215	ND	0		0	*	75	125
Selenium	5 39	0 419	3 73		61	*	70	130
Thallium	2 15	0 250	2 25		93		70	130
Vanadium	108	22 7	127		97	┪	75	125
Zinc	21 5	81 5	108		123	$\dashv$	75	125
Mercury	0 177	0 021	0 192		97		75	125

Metals Matrix Spike Duplicate

<sup>#</sup> Column to be used to flag recovery values with an asterisk

<sup>\*</sup> Values outside of QC limits

ND - Not Detected

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC/MS Semi-Volatiles** 

ENVIRONMENTAL TESTING AND CONSULTING, INC

MEMPHIS, TN CASE NARRATIVE

GC/MS POLYAROMATIC HYDROCARBONS - SOIL

Client Name : \_OHM Remediation Services: \_Defense Depot - Memphis, TN Project Name

: \_9810-086 : \_8270C/3550B ETC Order # Method (SW-846)

#### HOLDING TIMES

Sample Extraction: All soil samples extracted within 14 days. Sample Analysis : All samples analyzed withir 40 days of extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P04047LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recoveries for Nitrobenzene-d5 and 2-Fluorobiphenyl were flagged as outside QC Limits in sample 9810-086-01MS(RA-C-019). Review of the raw data showed interference from Target Analytes present in the sample.

Surrogate recoveries for 2-Fluorobiphenyl were flagged as outside QC Limits in several samples associated with this project.

Laboratory Control Sample FORM 3 P04047LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3 9810-086-01

RPD : All analytes within QC limits.\* Spike Recovery : All analytes within QC limits. RA-C-019

RPDs for multiple analytes were flagged as outside OC Limits due to higher recovery in the Matrix Spike.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P04047LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

DFTPP Daily 12 Hour Tune Initial Calibration : All criteria met. FORM 5 : All criteria met. FORM 6 Calibration Verification : All criteria met. FORM 7

<u>Semi-Volatile Internal Standard Area and RT FORM 8</u>
Daily Check Standard(s) Internal Standard Areas and Retention Times within QC limits.

ENVIRONMENTAL TESTING AND CONSULTING, INC. MEMPHIS, TN

CASE NARRATIVE

GC/MS POLYAROMATIC HYDROCARBONS - SOIL

: \_OHM Remediation Services : \_Defense Depot - Memphis, TN Client Name

Project Name

ETC Order # : \_9810-086 Method (SW-846) : \_8270C/3550B

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC, 5971MSD Dilutions Required : No dilutions required.

Laboratory Manager

3781703

## FORM 2 SOIL BNA-GCMS SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-086

Level: (low/med) LOW

	CLIENT	S1	S2	S3	S4	S5	S6		1 - 00	l mam
	SAMPLE NO.	(NBZ)#	(FBP)#	(TPH)#	#	33 #	30 #	S7	S8 #	TOT
		=====	=====	=====	=====		=====	- ===== <u>"</u>	=====	
01 02		79	93*	72		<b> </b>				1 1
03	P04047 LCS 9810-086-1MS	76	99*	72					f <del></del>	1 1
04	9810-086-1MS	84 <b>*</b> 72	118* 97*	88		l				2
05	9810-086-1	76	91*	70 68		ļ ————	<u> </u>	.		1
06	2020 000 1	, ,	91"	00			ļ	·		1
07				<del></del> j		l		·		
08						ļ <del></del>	ļ ———	·   ——		
09						i ———		<u> </u>	İ	<del> </del>
10									<u> </u>	
11 12									[ <del></del>	i
13							l			
14								l		
15 16			<del></del>			<del></del>				
16							ļ — <del>-</del>	I——	<del></del> -	
17								<del></del>		—— i
18								1	<del></del>	
19 20										
21										
22										
23	<del></del>  .						<del></del>	l		
24	· · · · · · · · · · · · · · · · · · ·									
25								- <del></del>		
26								<del></del>		
27										
28										
29 30										
201	I.		I.							

QC LIMITS (39- 80) (43- 84) (40-121) S1 (NBZ) = Nitrobenzene-d5 S2 (FBP) = 2-Fluorobiphenyl S3 (TPH) = Terphenyl-d14

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II BNA-GCMS

P04047LB

Lab Name: ETC, INC.

Lab Prep Batch: P04047

Lab File ID: 0801009

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9810-086

Instrument ID: BNA2

Date Analyzed: 10/05/98

Time Analyzed: 1527

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	. ————			
		LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		<b>===</b> ========		
01	P04047 LCS		0901010	10/05/00
		•		10/05/98
02	9810-086-1MS		1001011	10/05/98 10/05/98
03	9810-086-1MS		1101012	10/05/98
04	9810-086-1		1201013	10/05/98
05				10,00,00
06				
07				
08				
09				
10				
11				
12				
	·			
13				
14				
15				
16				
17				
18		<del></del>		
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
201				

COMMENTS:		

page 1 of 1

FORM IV BNA-GCMS

FORM 1

· . BNA-GCMS ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P04047LB

Lab Name: ETC, INC.

SDG No.: 9810-086

Matrix: (soil/water) SOIL

Lab Prep Batch: P04047

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: 0801009

Level: (low/med)

LOW

Date Received: \_\_\_\_

Concentrated Extract Volume: 1(mL)

Date Analyzed: 10/05/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

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

83-32-9Acenaphthene	66.7	111
208-96-8Acenaphthylene	66.7	_
120-12-7Anthracene	66.7	1 -
56-55-3Benzo(a)Anthracene	66.7	1 -
205-99-2Benzo(b) fluoranthene	66.7	1
207-08-9Benzo(k)fluoranthene	66.7	, -
191-24-2Benzo(q.h.i)pervlene	66.7	_
50-32-8Benzo(a)pyrene	66.7	
218-01-9Chrysene	66.7	Ū
33-70-3Dibenzo(a,h)anthracene	66.7	U
206-44-0Fluoranthene	66.7	U
36-73-7Fluorene	66.7	U
193-39-5Indeno(1,2,3-cd)pyrene	66.7	Ū
91-57-62-Methylnaphthalene	66.7	U
01-20-3Naphthalene	66.7	Ü
35-01-8Phenanthrene	66.7	Ų
129-00-0Pyrene	66.7	Ū

FORM I BNA-GCMS

Lab Name: ETC, INC.

Lab Prep Batch: P04047

SDG No.: 9810-086

Matrix Spike - Sample No.: P04047 LCS Level:(low/med) LOW

Acenaphthylene	1670	 		
Benzo(a) Anthracene Benzo(b) fluoranthene Benzo(k) fluoranthene Benzo(g,h,i) perylene Benzo(a) pyrene Chrysene Dibenzo(a,h) anthracene Fluoranthene Fluorene Indeno(1,2,3-cd) pyrene Naphthalene	1670 1670 1670 1670 1670 1670 1670 1670	1390 1540 1330 1480 1500 1780 1370 1470 1310 1160 1400 1400 1250 1180	83 92 80 89 90 106 82 88 78 69 84 84 75 71	34-126 62-123 68-124 60-133 67-126 75-131 53-137 68-129 67-131 51-138 71-132 65-126 34-170 62-113 66-128

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 16 outside limits

COMMENTS:

page 1 of 1

FORM III BNA-GCMS

# FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04047

SDG No.: 9810-086

Matrix Spike - Sample No.: 9810-086-1 Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Acenaphthene Acenaphthylene Anthracene Benzo(a)Anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene Pyrene	1660 1660 1660 1660 1660 1660 1660 1660	0.00 0.00 0.00 123 296 179 0.00 189 226 0.00 160 0.00 134 0.00 0.00	1640 1820 1670 2000 2060 2220 2040 1900 1860 1710 1860 1670 2000 1330 1790 1890	99 110 101 113 106 123 123 103 98 103 102 101 112 80 108 104	34-126 62-123 68-124 60-133 67-126 75-131 53-137 68-129 67-131 51-138 71-132 65-126 34-170 62-113 66-128 33-155

#	Column	to be us	ed	to	flag recovery	and	RPD	values	with	an	asterisk
*	Values	outside	of	QC	limīts					٠	ab cor 15%

COMMENTS:	

page 1 of 2

FORM III BNA-GCMS

## FORM 3 SOIL BNA-GCMS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P04047

SDG No.: 9810-086

Matrix Spike - Sample No.: 9810-086-1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L RPD	IMITS REC.
Acenaphthene	1650	1330	81	20	20	34-126
Acenaphthylene	1650	1490	90	20	20	62-123
Anthracene	1650	1320	80	23*	20	68-124
Benzo(a)Anthracene	1650	1520	85	28*	20	60-133
Benzo(b)fluoranthene	1650	1710	86	21*	20	67-126
Benzo(k)fluoranthene	1650	1700	92	29*	20	75-131
Benzo(g,h,i)perylene	1650	1630	99	22*	20	53-137
Benzo(a)pyrene	1650	1570	84	20	20	68-129
Chrysene	1650	1380	70	33*	20	67-131
Dibenzo(a,h)anthracene	1650	1350	82	23*	20	51-138
Fluoranthene	1650	1430	77	28*	20	71-132
Fluorene	1650	1350	82	21*	20	65-126
Indeno(1,2,3-cd)pyrene	1650	1640	91	21*	20	34-170
Naphthalene	1650	1090	66	19	20	62-113
Phenanthrene	1650	1370	83	26*	20	66-128
Pyrene	1650	1410	76	31*	20	33-155

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 12 out of 16 outside limits

Spike Recovery: 0 out of 32 outside limits

COMMENTS:

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

**GC Pesticides** 

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PESTICIDES - SOIL 3781711

Client Name : \_OHM Remediation Services
Project Name : \_Defense Depot - Memphis, TN

ETC Order # : \_9810-086 Method (SW-846) : \_8081A/3550B

#### HOLDING TIMES

Sample Extraction : All soil samples extracted within 14 days. Sample Analysis : All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

QC Batch Form 4 Summary P06024 P06024LB

## System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.\*

Surrogate recovery for Decachlorobiphenyl was flagged as outside QC Limits in sample 9810-086-01(RA-C-019). Review of extraction information and the raw data showed no obvious matrix interference. This sample was re-analyzed for verification with recoveries within QC limits.

#### <u>Laboratory Control Sample FORM 3</u> P06024LCS

All criteria met.

## Matrix Spike / Matrix Spike Dup FORM 3

9810-086-01 RPD : All analytes within QC limits.\* RA-C-019 Spike Recovery : All analytes within QC limits.

RPD for Dieldrin was flagged as outside QC Limits due to higher recovery in the Matrix Spike.

Refer to Laboratory Control Sample(s) for system verification.

#### Method Blank FORM 4 P06024LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7\*
Endrin/Breakdown : All criteria met. FORM 7

## Calibration Verification(CV): P110061A.22R (Primary) Analyte %Diff(15% Max) Response

Analyte	%Diff(15% Max)	Respo
4,4'-DDT	22.8	Higĥ
Endrin	23.2	Low
Endrın aldehyde	32.2	High
Endrin ketone	25.6	High
Methoxychlor	20.3	High

:

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN

CASE NARRATIVE

GC PESTICIDES - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis, TN

ETC Order # : \_9810-086 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06024LCS and MS/MSD associated with this project. The data was not affected.

Calibration Ver	ification(CV) :	P110061A.23R	(Primary)
Analyte	%Diff(15% Max)	Response	<u> </u>
4,4'-DDT	20.2	Higħ	
Endrin	25.6	Low	
Endrin aldehyde	32.2	High	
Endrin ketone	17.5	High	
Heptachlor	15.9	High	
Methoxychlor	20.0	High	

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicate that reported levels for these analytes may be biased high. Recoveries for these analytes were within QC Limits in P06024LCS and MS/MSD associated with this project. The data was not affected.

<u>Calibration Ver</u>	<u>ification(CV) :</u>	P110081B.32R	(Primary)
Analyte	%Diff(15% Max)	Response	
Endrin	35.5	Low	
Endrin aldehyde	45.5	High	
Endrin ketone	28.5	High	
Heptachlor	17.5	High	

Low response for Endrin indicates that reported level for this analyte may be biased low. High responses indicate that reported levels for these analytes may be biased high. These analytes were not identified in sample associated with this project. Recoveries for these analytes were within QC Limits in P06024LCS and MS/MSD associated with this project. The data was not affected.

## Calibration Verification(CV): P110081A.32R (Confirmation)

Several compounds were flagged for high reponses for this CV. High responses indicate that reported levels for these analytes may be biased high. Results were reported from the primary analysis. The data was not affected.

#### <u>Calibration Verification(CV): P110121A.31R (Primary)</u>

Several compounds were flagged for high reponses for this CV. High responses indicate that reported levels for these analytes may be biased high. Results for 4,4'-DDT and Dieldrin were reported from sequence P110121A associated with this CV. Recoveries for 4,4'-DDT and Dieldrin were within QC Limits in this CV. Surrogate recoveries were also taken from this analysis. The data was not affected.

#### ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN
CASE NARRATIVE
GC PESTICIDES - SOIL

3781713

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis, TN

ETC Order # : \_9810-086 Method (SW-846) : \_8081A/3550B

#### CALIBRATION

## <u>Calibration Verification(CV): P110121B.31R (Confirmation)</u>

Several compounds were flagged for high reponses for this CV. High responses indicate that reported levels for these analytes may be biased high. Results were taken from the primary analysis. The data was not affected.

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC
Dilutions Required : No dilutions required.\*

Dilution of 1:10 was performed on sample 9810-086-01 to bring 4,4'-DDT and Dieldrin within calibration range.

Laboratory Manager

## FORM 2 SOIL PESTICILE SURROGATE RECOVERY

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-086

Level: (low/med) LOW

	EPA GC	S1	S2	S3		S4	-	S5	S6		<b>S</b> 7	S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	 	#		#	#	 	#	#	#	OUT
01		73	87	l						_		======	0
02	P06024LCS	80	103		_		_			_			0
03	9810-086-1	81	55*		_		_			_			1
04	9810-086-1MS	80	74				_			-		<u> </u>	. ō
05	9810-086-1MS	88	97				_			-			0
06	9810-086-1	86	111				_			_			ا م
07							_			_ `			
80									-	_ `		<del></del>	
09					_		_			_			
10										- -			
11					_1		_1			_1.			
12					_		$\equiv$ l			_].			
13					_1					_ -			
14					_					- -			
15										_ -			
16				<del></del> -	_					_ -			]
17					_1		_			_ -			
18 19 20					_1		_			_ [ ]			
19			<u>i</u>		_1		_1			_   [			
20					_ .		_1						
21					_1.		_ ] .						
22 23 24					<u>-</u> Ι.					_ -			
23					_ .		_			- -			
24					_1.					_ -			
25					_[.					_   _			
26					_1.					- -			
27										- -			
28		[					_[			- -	·		
29							_ .			- J <b>-</b>			
30					_ '		-			- -			
					- ' -		_ ' '			- 1 -			

QC LIMITS S1 (TMX) = Tetrachloro-m-xylene S2 (DBC) = Decachlorobiphenyl (39-130)(64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PESTICIDE

P06024LB

Lab Name: ETC, INC.

Lab Prep Batch: P06024

Lab File ID: P110061A-14R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9810-086

Instrument ID: PEST1A

Date Analyzed: 10/07/98

Time Analyzed: 0111

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	=======================================	=========	<b>=====</b> ======	
01	P06024LCS		P110061A-19R	10/07/98
02				10/0//98
	9810-086-1		P110081B-23R	10/09/98
03			P110081B-24R	10/09/98
	9810-086-1MS		P110081B-25R	10/09/98
05	9810-086-1		P110121A-18R	10/12/98
06				
07				
08				
09	·			
				·
10				
11				
12	:			
13				
14				
15			· ·	
16				
17				·
18				
19				
20				
21				
22				
23				
24				
25		<del></del>		
26				
27				
28				
29				
30				
				· I

COMMENTS:		

page 1 of 1

FORM IV PESTICIDE

P06024LB

Lab Name: ETC, INC.

SDG No.: 9810-086

Matrix: (soil/water) SOIL Lab Prep Batch: P06024

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 9810-086

Level: (low/med) LOW Date Received: \_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 10/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIO (ug/L or ug/		Q
319-85-7 319-86-8 58-89-9 5103-71-9 72-54-8 72-55-9 50-29-3 60-57-1 959-98-8 33213-65-9 1031-07-8 72-20-8 7421-93-4 53494-70-5 76-44-8 1024-57-3	alpha-BHCbeta-BHCdelta-BHCgamma-BHC (Lialpha-chlorda4,4'-DDD4,4'-DDTDieldrinEndosulfan II	Ifate	1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333 1.33333	מממממממממ מממממממ

FORM I PESTICIDE

Lab Name: ETC, INC.

Lab Prep Batch: P06024

SDG No.: 9810-086

Matrix Spike - Sample No.: P06024LCS Level:(low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	8	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
	<b>===</b> =====			======	======
Aldrin	33.33333		26.11639	78	31-111
alpha-BHC	33.33333		26.24081	79	22-112
beta-BHC	33.33333		28.26622	85	54-120
delta-BHC	33.33333		24.68375	74	10- 96
gamma-BHC (Lindane)	33.33333		27.37999	82	26-113
alpha-chlordane	33.33333		30.14250	90	49-103
gamma-chlordane	33.33333		29.64444	89	50-106
4,4'-DDD	33.33333		29.46926	88	47-112
4,4'-DDE	33.33333		28.99864	87	36-117
4,4'-DDT	33.33333		37.83866	114	49-124
Dieldrin	33.33333		28.33706	85	44-108
Endosulfan I	33.33333		29.99541	90	49-103
Endosulfan II	33.33333	·	32.13872	96	53-115
Endosulfan sulfate	33.33333		32.53053	98	51-110
Endrin	33.33333		21.99089	66	44-118
Endrin aldehyde	33.33333		35.64338	107	48-128
Endrin Ketone	33.33333		33.74593	101	38-130
Heptachlor	33.33333		29.86182	90	47-113
Heptachlor epoxide	33.33333		28.94398	87	47-112
Methoxychlor	33.33333		35.88569	108	39-147

#	Column	to be	used	to	flag	recovery	and	RPD	values	with	an	asterisk
*	Values	outsid	de of	OC.	limīt	ts						

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 20 outside limits

COMMENTS:	

page 1 of 1

FORM III PESTICIDE

## 3781718

FORM 3
. SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC, INC.

Lab Prep Batch: P06024

SDG No.: 9810-086

Matrix Spike - Sample No.: 9810-086-1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aldrin alpha-BHC beta-BHC delta-BHC gamma-BHC alpha-chlordane gamma-chlordane 4,4'-DDD 4,4'-DDE 4,4'-DDT Dieldrin Endosulfan I Endosulfan II Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone Heptachlor epoxide	33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33 33.33	0.516 0.000 1.91 0.883 0.751 4.10 1.84 0.000 16.32 21.62 78.93 0.582 0.000 0.000 0.000 0.000 0.000 0.000	25.59 26.11 31.89 24.43 27.19 31.18 30.37 29.28 42.44 54.78 109.2 28.80 29.54 28.26 26.15 37.61 30.96 33.54	75 78 90 71 79 81 86 88 78 99 91 85 89 85 78 113 93	31-111 22-112 54-120 10- 96 26-113 49-103 50-106 47-112 36-117 49-124 44-108 49-103 53-115 51-110 44-118 48-128 38-130 47-113
Heptachlor epoxide Methoxychlor		1	28.38 34.90	1	

#	Column	to be use	ed to	flag recovery and RPD values with an	asteriek
*	Values	outside (	of QC	limits	abcel 15x

COMMENTS:	

page 1 of 2

FORM III PESTICIDE

## FORM 3 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

3781719

Lab Name: ETC, INC.

Lab Prep Batch: P06024

SDG No.: 9810-086

Matrix Spike - Sample No.: 9810-086-1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #		IMITS REC.
Aldrin	33.22	26.28	78	4	20	31-111
alpha-BHC	33.22	25.81	78	0	20	22-112
beta-BHC	33.22	31.97	90	0	20	54-120
delta-BHC	33.22	24.84	72	1	20	10- 96
gamma-BHC	33.22	27.78	81	2	20	26-113
alpha-chlordane	33.22	31.56	83	2	20	49-103
gamma-chlordane	33.22	31.11	88	2	20	50-106
4,4'-DDD	33.22	29.66	89	1	20	47-112
4,4'-DDE	33.22	39.73	70	11	20	36-117
4,4'-DDT	33.22	54.40	99	0	20	49-124
Dieldrin	33.22	98.77	60	41*	20	44-108
Endosulfan I	33.22	29.92	88	3	20	49-103
Endosulfan II	33.22	31.56	95	6	20	53-115
Endosulfan sulfate	33.22	29.54	89	4	20	51-110
Endrin	33.22	27.74	84	7	20	44-118
Endrin aldehyde	33.22	38.69	116	3	20	48-128
Endrin ketone	33.22	33.26	100	7	20	38-130
Heptachlor	33.22	34.13	96	2	20	47-113
Heptachlor epoxide	33.22	29.28	86	4	20	47-112
Methoxychlor	33.22	37.50	113	7	20	39-147

#	Column	to be	used	to	flag recovery	and	RPD va	lues	with	an	asterisk
*	Values	outsid	le of	QC	limits						

• naa	1	out	Ωf	20	outside	limite	
KPD:		out	OT	20	outside	IIMILLS	

Spike Recovery: 0 out of 40 outside limits

COMMENTS:			

page 2 of 2

FORM III PESTICIDE

Environmental Testing & Consulting, Inc.

**Quality Control Reports** 

GC PCBs

## ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBS - SOIL

3781721

Client Name : OHM Remediation Services
Project Name : \_Defense Depot - Memphis, TN

ETC Order # : \_9810-086 Method (SW-846) : 8082/3550B

#### HOLDING TIMES

Sample Extraction: All soil samples extracted within 14 days.

Sample Analysis: All samples analyzed within 40 days of extraction.

#### QUALITY CONTROL

OC Batch Form 4 Summary P06024 P06024LB

System Monitoring Compounds FORM 2 Surrogate recoveries within QC limits.

<u>Laboratory Control Sample FORM 3</u> P06024LCS

All criteria met.

Matrix Spike / Matrix Spike Dup FORM 3

9810-086-01 RPD : All analytes within QC limits. RA-C-019 Spike Recovery : All analytes within QC limits.

Refer to Laboratory Control Sample(s) for system verification.

Method Blank FORM 4 P06024LB

No Target Analytes detected above Practical Quantitation Limit.

#### CALIBRATION

Initial Calibration : All criteria met. FORM 6
Calibration Verification : All criteria met. FORM 7\*

Calibration Verification(CV): C210051A.21R (Primary)

Analyte %Diff(15% Max) Response Aroclor 1260 22.8 High

High responses indicate that reported levels for this analyte may be biased high. This analyte was not identified in sample associated with this project. Recoveries for Aroclor 1260 were within QC Limits in P06024LCS and MS/MSD associated with this project. The data was not affected.

<u>Calibration Verification(CV)</u>: C210051A.22R (Primary)

Analyte %Diff(15% Max) Response

Aroclor 1260 19.2 High

High responses indicate that reported levels for this analyte may be biased high. This analyte was not identified in sample associated with this project. Recoveries for Aroclor 1260 were within QC Limits in P06024LCS and MS/MSD associated with this project. The data was not affected.

3781722

. . . . .

ENVIRONMENTAL TESTING AND CONSULTING, INC.

MEMPHIS, TN CASE NARRATIVE GC PCBS - SOIL

Client Name : \_OHM Remediation Services Project Name : \_Defense Depot - Memphis, TN

ETC Order # : \_9810-086 Method (SW-846) : \_8082/3550B

## SAMPLE ANALYSIS

Instrumentation : HP 5890 Series II GC Dilutions Required : No dilutions required.

Laboratory Manager

Lab Name: ETC, INC.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 9810-086

Level: (low/med) LOW

1	EPA GC	S1	S2	Γ	S3		S4		S5	S		<b>S7</b>		S8	TOT
	SAMPLE NO.	(TMX)#	(DBC)#	l		#		#	#	:	#		#	#	OUT
01	P06024LB	70	110	-					<b></b>						0
02	P06024LCS	78	107					_						<del></del>	0
03	9810-086-1	77	117	_				_		-		l			0
04	9810-086-1MS	82	105	1		_	-								0
05	9810-086-1MS	69	99	_		_		_					_		0
06	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			_		_		_							
07				-						-					
08							-								
09		<del></del>		-											
10	<del></del>			_											
11		<del></del>										1			
12				_											
13			-	_											
14				_				_							
15															
16 17				_											
17						_									
18	***************************************														
18 19															
20															
21				_											
22 23 24 25 26				_											
23				-											
24				-											
25												l			
26				_											1
27				_											
27 28				_											<u> </u>
29				_											
30				l —				_	· · ·						
	I			٠					· ——			' —	_	·	. —— '

QC LIMITS (39-130)

S1 (TMX) = Tetrachloro-m-xylene
S2 (DBC) = Decachlorobiphenyl (64-154)

# Column to be used to flag recovery values
\* Values outside of contract required QC limits
D Surrogate diluted out

page 1 of 1

FORM II PCB

P06024LB

Lab Name: ETC, INC.

Lab Prep Batch: P06024

Lab File ID: C210051A-11R

Matrix: (soil/water) SOIL

Level: (low/med) LOW

SDG No.: 9810-086

\_ .

Instrument ID: PEST2A

Date Analyzed: 10/06/98

Time Analyzed: 0013

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA GC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01 02 03 04 05	P06024LCS 9810-086-1 9810-086-1MS 9810-086-1MS		C210051A-14R C210051A-18R C210051A-19R C210051A-20R	10/06/98 10/06/98 10/06/98 10/06/98
06 07 08 09 10				
12 13 14 15 16				
17 18 19 20 21 22				
23 24 25 26 27				
28 29 30				

COMMENTS:				
	 	<del> </del>	 · · · · · · · · · · · · · · · · · · ·	 

page 1 of 1

FORM IV PCB

#### FORM 1 J PCB ORGANICS ANALYSIS DATA SHEET

JIOIILJ EPA GC SAMPLE NO.

P06024LB

Lab Name: ETC, INC.

SDG No.: 9810-086

Matrix: (soil/water) SOIL Lab Prep Batch: P06024

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C210051A-11R

Level: (low/med) LOW Date Received: \_\_\_\_\_

Concentrated Extract Volume: 10(mL) Date Analyzed: 10/06/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q
	Aroclor 1016_	16.67 U
	Aroclor 1221 Aroclor 1232	16.67 U
	Aroclor 1232_	16.67 U
11097-69-1	Aroclor 1254	16.67 U
	Aroclor 1260 <u>-</u>	16.67 U
12672-29-6	Aroclor 1248_	16.67 U

FORM I PCB

#### FORM 3 SOIL PCB LABORATORY CONTROL SAMPLE

Lab Name: ETC, INC.

Lab Prep Batch: P06024

SDG No.: 9810-086

Matrix Spike - Sample No.: P06024LCS

Level: (low/med) LOW

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	333.3		300.3	90	25-125
Aroclor 1260	333.3		308.1	92	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 0 outside limits Spike Recovery: 0 out of 2 outside limits

CO	MM	EN	TS	:
----	----	----	----	---

FORM III PCB

#### FORM 3 SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

3781727

Lab Name: ETC, INC.

Lab Prep Batch: P06024

SDG No.: 9810-086

Matrix Spike - Sample No.: 9810-086-1 Level:(low/med) LOW

COMPOUND	SPIKE	SAMPLE	MS	* MS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
Aroclor 1242	327.9	0.000	279.6	85	25-125
Aroclor 1260	327.9		308.4	94	25-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L: RPD	IMITS REC.
Aroclor 1242	327.9	279.6	85	0	20	25-125
Aroclor 1260	327.9	308.4	94	0	20	25-125

# Column to be used to flag recovery and RPD values with an asterisk
\* Values outside of QC limits

RPD: 0 out of 2 outside limits Spike Recovery: 0 out of 4 outside limits

COMMENTS:

# TAB

Appendix

#### APPENDIX D

Letter from Subtitle D Landfill, Transportation & Disposal Log, and Waste Disposal Manifests

#### Trash Hunters of Tunica, Inc.

\*\*\*\*

Trash Hunters of Tunica, Inc. ♦ 6035 Bowdre Rd ♦ Robinsonville, MS 38664 Phone 601-363-2282 ♦ Fax 601-363-0170

September 24, 1998

Mr Stephen D Offner, P.G. Technical Manager IT Corporation 5445 Triangle Parkway, Suite 400 Norcross, GA 30092

Dear Stephen,

Pursuant to your verbal request of September 23, 1998, please find detailed below the response from Trash Hunters of Tunica, Inc., a Division of Waste Management, located in Tunica County, Mississippi

Trash Hunters of Tunica, Inc. operates a Class 1, Subtitle D Municipal Solid Waste Landfill located wholly in Tunica County approximately 2.4 miles south of the intersection of Mississippi State Highways 3 and 304. Currently, the landfill is permitted with 147.11 acres of disposal capacity on 350+ acres. On July 22, 1998, we placed the first load of garbage. Prior to the opening date, construction of "The Landfill" began in early March 1998 following standard procedures as prescribed by the Mississippi. Department of Environmental Quality headquartered in Jackson, Mississippi. The property was a "greenfield" site prior to construction activities with a permit originally issued to Trash Hunters of Tunica, Inc., an independent waste disposal company. The previous permit holder had taken no actions to construct, develop, or dispose of waste within the property boundary.

With regard for the Dieldrin Contaminated soil currently being excavated and removed from the Defense Distribution Depot in Memphis, TN, we are managing the disposal of all soils and related debris (including roots, limbs, landscape timbers, poly plastic liners, and personal protective equipment) in accordance with the regulations of the MDEQ, a CERCLA approval letter issued by Region IV of the EPA, and all applicable local, state, and federal laws. All waste materials generated from the remedial activities related to the Dieldrin Soil have been properly manifested, transported, and disposed in Cell 1 at "The Landfill. Cell 1 is a 7.4 acre prepared area with a single composite liner consisting of 2' of recompacted clay exhibiting a minimum permeability rating of 10 to the minus 7 centimeters per second. Additionally, the entire cell is overlain with a 60 mil High Density Poly Ethylene flexible membrane liner, 18" of washed river rock for drainage, and 6" HDPE perforated pipe embedded in the drainage layer to convey leachate, via underground piping and submersible pumps, to a 110,000 gallon double walled above ground storage tank. All resulting leachate from disposal activities is transported via tanker truck to the Robinsonville Commerce Utility District POTW for treatment

With respect for transportation routing, all loads have been conveyed via end dump tractor trailers along proper truck routes and limited to Airways Blvd. south of the Main Gate and north of I-240, I-55 North from the I-240/I-55 Split to the Third Avenue Exit. From the Third Avenue Exit (US Hwy 61 South), all trucks travel south on US Hwy 61 to the intersection of Hwy 61 and Mississippi Hwy 3. From the intersection of 61 and Hwy 3, the trucks travel southeast on Hwy 3 across the Hwy 3/Hwy 304 intersection at Banks, MS to Bowdre Road in Tunica County. Trucks then travel west on Bowdre Road approximately 5 miles to "The Landfill" entrance. Each load is weighed and visually inspected for non-approved waste materials and then deposited in Cell 1.

If you need additional information, please feel free to contact me at 262-0868 or at the office at 877-989-2783 Thank you again.

Sincerely, Don't he Kraus

David A. Kraus

T & D LOG FOR DEFENSE DEPOT MEMPHIS, TN.

PROJECT # 20560 CLIENT: USACE

CONTRACT #DACA45-96-D-0014

DO# 0010

CONTR	ACT #DA	CA45	)-96-D	-0014		DO# 001	.U
DATE	MANIFEST#	AREA	TONS	TONS TO DATE	TRUCK CO.	TRUCK#	FACILITY
7/21/98	3001	A	12.32	12.32	MATHEW	GT8	TUNICA
7/21/98	3002	A	19.98	32.30	MATHEW	NEL 1	TUNICA
7/21/98	3003	A	19.47	51.77	MATHEW	TTR96-1	TUNICA
7/21/98	3004	A	17.31	69.08	MATHEW	MRI	TUNICA
7/21/98	3005	A	20.28	89.36	MATHEW	GT8	TUNICA
7/21/98	3006	A	22.50	111.86	MATHEW	NEL1	TUNICA
7/21/98	3007	A	22.69	134.55	<b>MATHEW</b>	TTR96-1	TUNICA
7/21/98	3008	A	21.32	155.87	MATHEW	RM-5	TUNICA
7/21/98	3009	A	21.35	177.22	<b>MATHEW</b>	RM-3	TUNICA
7/21/98	3010	A	20.31	197.53	MATHEW	MR-1	TUNICA
7/21/98	3011	A	19.26	216.79	MATHEW	GT8	TUNICA
7/21/98	3012	A	22.27	239.06	MATHEW	NELL 1	TUNICA
7/21/98	3013	A	21.17	260.23	MATHEW	TTR96-1	TUNICA
7/21/98	3014	A	19.45	279.68	MATHEW	MR-1	TUNICA
<i>7/27/</i> 98	3015	A	18.73	298.41	MATHEW	GT-8	TUNICA
7/27/98	3016	A	20.65	319.06	<b>MATHEW</b>	RM-4	TUNICA
7/27/98	3017	A	21.65	340.71	<b>MATHEW</b>	RM-3	TUNICA
7/27/98	3018	A	20.29	361.00	MATHEW	RM-5	TUNICA
7/27/98	3019	A	21.34	382.65	MATHEW	RM-4	TUNICA
7/27/98	3020	A	24.68	402.94	MATHEW	RM-5	TUNICA
7/27/98	3021	A	19.81	424.28	MATHEW	RM-3	TUNICA
7/27/98	3022	A	21.03	448.96	MATHEW	RM-4	TUNICA
7/27/98	3023	A	16.87	465.83	MATHEW	RM-3	TUNICA
7/27/98	3024	A	17.59	486.86	MATHEW	RM-5	TUNICA
7/28/98	3025	A	19.38	506.24	MATHEW	RM-5	TUNICA
7/28/98	3026	A	32.02	538.26	MATHEW	RM-7	TUNICA
7/28/98	3027	A	17.68	555.94	MATHEW	RM-4	TUNICA
7/28/98	3028	A	19.01	574.95	MATHEW	RM-3	TUNICA
7/28/98	3029	A	19.90	594.85	MATHEW	GT-8	TUNICA
7/28/98	3030	A	18.17	613.02	MATHEW	GT-8	TUNICA
7/28/98	3031	A	18.56	631.58	MATHEW	GT-8	TUNICA
7/28/98	3032	A	19.95	651.53	MATHEW	RM-3	TUNICA
7/28/98	3033	A	20.91	672.44	MATHEW	RM-4	TUNICA
7/28/98	3034	A	20.67	693.11	MATHEW	RM-5	TUNICA
7/28/98	3035	A	22.57	715.68	MATHEW	RM-7	TUNICA
7/30/98	3036	A	9.91	725.59	MATHEW	RIA-4	TUNICA
7/30/98	3037	A	14.09	739.68	MATHEW	GT-8	TUNICA
7/30/98	3038	A	28.68	768.36	MATHEW	RM-5	TUNICA
7/30/98	3039	A	21.71	790.07	MATHEW	RM-7	TUNICA
7/30/98	3040	A	19.62	809.69	MATHEW	RM-3	TUNICA
7/30/98	3042	A	21.94	831.63	MATHEW	GT-8	TUNICA
7/30/98	3043	A	21.61	853.24	MATHEW	RM-5	TUNICA
7/30/98	3044	A	23.01	876.25	MATHEW	RM-3	TUNICA
7/30/98	3045	A	25.67	901.92	MATHEW	RM-4	TUNICA
7/30/98	3046	A	26.96	928.88	MATHEW	RM-7	TUNICA

7/30/98   3047   A   22.74   951.62   MATHEW   RM-4   TUNICA   7/30/98   3049   A   24.21   997.17   MATHEW   RM-3   TUNICA   8/5/98   3050   A   26.38   1023.55   MATHEW   RM-4   TUNICA   8/5/98   3051   A   28.30   1051.85   MATHEW   RM-7   TUNICA   8/5/98   3052   A   25.40   1077.25   MATHEW   RM-3   TUNICA   8/5/98   3052   A   25.40   1077.25   MATHEW   RM-3   TUNICA   8/5/98   3053   A   26.58   1103.83   MATHEW   RM-5   TUNICA   8/5/98   3055   A   23.28   1151.98   MATHEW   RM-4   TUNICA   8/5/98   3055   A   23.28   1151.98   MATHEW   RM-4   TUNICA   8/5/98   3055   A   23.28   1151.98   MATHEW   RM-4   TUNICA   8/13/98   3057   A   24.23   1199.83   MATHEW   RM-7   TUNICA   8/13/98   3057   A   24.23   1199.83   MATHEW   RM-7   TUNICA   8/13/98   3063   A   26.81   1275.82   MATHEW   RM-3   TUNICA   8/13/98   3063   A   26.81   1275.82   MATHEW   RM-5   TUNICA   8/13/98   3063   A   26.81   1275.82   MATHEW   RM-5   TUNICA   8/13/98   3063   A   23.40   1299.22   MATHEW   RM-5   TUNICA   8/13/98   3060   A   17.36   1316.58   MATHEW   RM-7   TUNICA   8/13/98   3061   A   23.51   1340.09   MATHEW   RM-4   TUNICA   8/13/98   3061   A   23.51   1340.09   MATHEW   RM-4   TUNICA   8/13/98   3062   A   24.31   1364.40   MATHEW   RM-4   TUNICA   8/13/98   3078   B   24.70   1389.10   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-4   TUNICA   8/13/98   3075   B   27.06   1441.93   MATHEW   RM-7   TUNICA   8/14/98   3070   B   28.60   1975.35   MATHEW   RM-7   TUNICA   8/14/98   3066   B   27.05   1678.40   MATHEW   RM-7   TUNICA   8/14/98   3066   B   25.66   1957.74   MATHEW   RM-7   TUNICA   8/14/9								
8/5/98 3049 A 24.21 997.17 MATHEW RM-3 TUNICA 8/5/98 3050 A 26.38 1023.55 MATHEW RM-4 TUNICA 8/5/98 3051 A 28.30 1051.85 MATHEW RM-7 TUNICA 8/5/98 3052 A 25.40 1077.25 MATHEW RM-3 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3054 A 24.87 1128.70 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/5/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3059 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3060 A 16.81 1275.82 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.51 1304.09 MATHEW RM-4 TUNICA 8/13/98 3061 A 23.51 1304.09 MATHEW RM-3 TUNICA 8/13/98 3062 A 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3060 A 25.51 130.69 MATHEW RM-4 TUNICA 8/13/98 3060 A 25.51 130.99 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1300.99 MATHEW RM-3 TUNICA 8/13/98 3060 A 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3070 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/13/98 3070 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-7 TUNICA 8/14/98 3070 B 22.00 1746.23 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-3 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.41 1414.41 1414.41 1414.41 1414.41 1414.41 1414.41 1414.41 1414.41 1414.4	7/30/98	3047	Ä	22.74	951.62	MATHEW	RM-4	TUNICA
8/5/98 3050 A 26.38 1023.55 MATHEW RM-4 TUNICA 8/5/98 3051 A 28.30 1051.85 MATHEW RM-7 TUNICA 8/5/98 3052 A 25.40 1077.25 MATHEW RM-3 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3055 A 23.28 1151.99 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.99 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.99 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.99 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3041 A 24.48 1224.31 MATHEW RM-7 TUNICA 8/13/98 3045 A 26.81 1275.82 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-1 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-1 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-3 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-3 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-3 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-4 TUNICA 8/14/98 3067 B 24.66 1651.35 MATHEW RM-3 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1774.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1774.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1774.23 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1774.23 MATHEW RM-7 TUNICA 8/14/98 3066 B 25.66 1904.22 MATHEW RM-7 TUNICA 8/17/98 3068 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/17/98 3108 B 26.69 1984.63 MATHEW RM-7 TUNICA 8/17/98 3108 B 26.69 1984.63 MATHEW RM-	7/30/98	3048	A	21.34	972.96	<b>MATHEW</b>	GT-8	TUNICA
8/5/98 3051 A 28.30 1051.85 MATHEW RM-7 TUNICA 8/5/98 3052 A 25.40 1077.25 MATHEW RM-3 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3054 A 24.87 1128.70 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-3 TUNICA 8/5/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.48 1224.31 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-1 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-4 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3073 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3074 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.05 1441.98 MATHEW RM-7 TUNICA 8/13/98 3075 B 27.55 1573.51 MATHEW RM-7 TUNICA 8/13/98 3075 B 27.50 1441.93 MATHEW RM-7 TUNICA 8/13/98 3075 B 27.55 1573.51 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-7 TUNICA 8/14/98 3072 B 27.53 1573.51 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.66 1651.35 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-4 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-4 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.60 1795.51 1678.40 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.60 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.60 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.60 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 26.60 1795.51 MATHEW RM-7 TUNICA 8/17/98 3100 B 26.69 1984.63	8/5/98	3049	A	24.21	997.17	MATHEW	RM-3	TUNICA
8/5/98 3052 A 25.40 1077.25 MATHEW RM-3 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3054 A 24.87 1128.70 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3051 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3051 A 24.48 1224.31 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 25.51 1340.99 MATHEW RM-7 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 25.70 1441.93 MATHEW RM-7 TUNICA 8/13/98 3075 B 23.10 MATHEW RM-7 TUNICA 8/13/98 3075 B 23.10 MATHEW RM-7 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-7 TUNICA 8/13/98 3071 B 28.13 1470.06 MATHEW RM-7 TUNICA 8/13/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3072 B 27.55 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 28.56 1626.69 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.66 1651.35 MATHEW RM-4 TUNICA 8/14/98 3060 B 24.60 1769.89 MATHEW RM-7 TUNICA 8/1	8/5/98	3050	A	26.38	1023.55	MATHEW	RM-4	TUNICA
8/5/98 3052 A 25.40 1077.25 MATHEW RM-3 TUNICA 8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3054 A 24.87 1128.70 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3051 A 24.48 1224.31 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-7 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 25.70 6144.93 MATHEW RM-7 TUNICA 8/13/98 3075 B 23.06 144.93 MATHEW RM-7 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-7 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3072 B 27.55 1573.51 MATHEW RM-3 TUNICA 8/14/98 3066 B 28.56 1626.69 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1651.35 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1651.35 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1678.99 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.61 1678.99 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3069 B 24.60 1769.89 MATHEW RM-4 TUNICA 8/17/98 3100 B 26.65 1961.64 MATHEW	8/5/98	3051	A	28.30	1051.85	<b>MATHEW</b>	RM-7	TUNICA
8/5/98 3053 A 26.58 1103.83 MATHEW RM-5 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.99 MATHEW RM-3 TUNICA 8/5/98 3056 A 23.26 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-5 TUNICA 8/13/98 3059 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-4 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-4 TUNICA 8/13/98 3073 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.77 1414.87 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.70 1441.87 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.70 1441.89 MATHEW RM-8 TUNICA 8/13/98 3070 B 25.70 1441.93 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.10 157.51 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.60 1498.32 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.60 1498.32 MATHEW RM-7 TUNICA 8/13/98 3070 B 25.60 1498.32 MATHEW RM-7 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3070 B 24.69 158.80 MATHEW RM-3 TUNICA 8/14/98 3066 B 27.53 1573.51 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.55 1578.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.63 1597.74 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.60 1651.35 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.61 1651.35 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.61 1651.35 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.60 1651.35 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.60 1651.35 MATHEW	8/5/98	3052	A	25.40	1077.25	MATHEW	RM-3	
8/5/98 3054 A 24.87 1128.70 MATHEW RM-4 TUNICA 8/5/98 3055 A 23.28 1151.98 MATHEW RM-3 TUNICA 8/13/98 3055 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3041 A 24.48 1224.31 MATHEW GT-8 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3060 A 25.81 1275.82 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.40 1299.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.40 1299.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.40 1399.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 23.51 1340.09 MATHEW RM-4 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-4 TUNICA 8/13/98 3073 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3075 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 25.77 1414.87 MATHEW RM-4 TUNICA 8/13/98 3075 B 25.31 1470.06 MATHEW RM-4 TUNICA 8/13/98 3075 B 25.31 1470.06 MATHEW RM-7 TUNICA 8/13/98 3073 B 23.17 1521.49 MATHEW RM-7 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3072 B 27.53 1573.51 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 27.05 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.61 1651.35 MATHEW RM-7 TUNICA 8/14/98 3066 B 26.60 1795.99 MATHEW RM-7 TUNICA 8/17/98 3106 B 26.66 1904.22 MAT	8/5/98	3053	A					
8/5/98 3055 A 23.28 1151.98 MATHEW RM-3 TUNICA 8/5/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 17.0198 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3069 A 23.40 1299.22 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW GT-8 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3074 B 28.13 1470.06 MATHEW RM-4 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-4 TUNICA 8/13/98 3077 B 25.77 1521.49 MATHEW RM-4 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW GT-8 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3064 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 27.53 1573.51 MATHEW RM-4 TUNICA 8/14/98 3066 B 22.56 1626.69 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.56 1626.69 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.56 1626.69 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 17678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 1768.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 22.50 1768.40 MATHEW RM-7 TUNICA 8/17/98 3100 B 26.60	8/5/98	3054	A					TUNICA
8/13/98 3056 A 23.62 1175.60 MATHEW RM-4 TUNICA 8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3041 A 24.48 1224.31 MATHEW GT-8 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW GT-8 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3077 B 25.77 1414.87 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-7 TUNICA 8/13/98 3070 B 28.13 1470.06 MATHEW RM-7 TUNICA 8/13/98 3070 B 28.26 1498.32 MATHEW GT-8 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3073 B 23.17 1521.49 MATHEW RM-3 TUNICA 8/14/98 3072 B 27.53 1573.51 MATHEW RM-3 TUNICA 8/14/98 3072 B 27.53 1573.51 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3068 B 21.70 1700.10 MATHEW RM-4 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-4 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-4 TUNICA 8/14/98 3069 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3060 B 25.66 1651.35 MATHEW RM-7 TUNICA 8/14/98 3060 B 25.66 1664 MATHEW RM-7 TUNICA 8/17/98 3101 B 23.66 1769.89 MATHEW RM-7 TUNICA 8/17/98 3102 B 26.65 1904.22 MATHEW RM-7 TUNICA 8/17/98 3104 B 25.66 1904.22 MATHEW RM-7 TUNICA 8/17/98 3105 B 26.65 1904.22 MATHEW RM-7 TUNICA 8/17/98 3106 B 25.66 1904.22 MATHEW RM-7 TUNICA 8/17/98 3103 B 26.89 1984.63 MATH	8/5/98		A					1
8/13/98 3057 A 24.23 1199.83 MATHEW RM-7 TUNICA 8/13/98 3058 A 24.70 1249.01 MATHEW RM-3 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3063 A 26.81 1275.82 MATHEW RM-5 TUNICA 8/13/98 3069 A 23.40 1299.22 MATHEW RM-7 TUNICA 8/13/98 3060 A 17.36 1316.58 MATHEW RII TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-7 TUNICA 8/13/98 3061 A 23.51 1340.09 MATHEW RM-4 TUNICA 8/13/98 3062 A 24.31 1364.40 MATHEW RM-4 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3078 B 24.70 1389.10 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-3 TUNICA 8/13/98 3075 B 27.06 1441.93 MATHEW RM-4 TUNICA 8/13/98 3076 B 28.13 1470.06 MATHEW RM-7 TUNICA 8/13/98 3076 B 28.26 1498.32 MATHEW RM-7 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3071 B 24.49 1545.98 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-3 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-4 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 25.50 1678.40 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.62 1598.13 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.66 1591.55 MATHEW RM-7 TUNICA 8/14/98 3066 B 24.61 1598.94 MATHEW RM-7 TUNICA 8/14/98 3068 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3068 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3068 B 24.13 1724.23 MATHEW RM-7 TUNICA 8/14/98 3101 B 23.66 1769.89 MATHEW RM-7 TUNICA 8/14/98 3101 B 23.66 1964.22 MATHEW RM-7 TUNICA 8/17/98 3108 B 28.30 2066.66 MA	1							
8/13/98         3041         A         24.48         1224.31         MATHEW         GT-8         TUNICA           8/13/98         3053         A         24.70         1249.01         MATHEW         RM-3         TUNICA           8/13/98         3063         A         26.81         1275.82         MATHEW         RM-5         TUNICA           8/13/98         3060         A         17.36         1316.58         MATHEW         RM-7         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         RM-7         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         RM-4         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-3         TUNICA           8/13/98         3075         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/14/98         3076         B         28.26         1498.32         MATHEW         RM-7         TUNICA								
8/13/98         3058         A         24.70         1249.01         MATHEW         RM-3         TUNICA           8/13/98         3063         A         26.81         1275.82         MATHEW         RM-5         TUNICA           8/13/98         3060         A         123.40         1299.22         MATHEW         RM-7         TUNICA           8/13/98         3060         A         17.36         1316.58         MATHEW         RI1         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         RM-4         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3077         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA	I .							
8/13/98         3063         A         26.81         1275.82         MATHEW         RM-5         TUNICA           8/13/98         3059         A         23.40         1299.22         MATHEW         RM-7         TUNICA           8/13/98         3060         A         17.36         1316.58         MATHEW         RII         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         RM-4         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3078         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3075         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3074         B         28.13         1470.06         MATHEW         RM-4         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-7         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-3         TUNICA								
8/13/98         3059         A         23.40         1299.22         MATHEW         RM-7         TUNICA           8/13/98         3060         A         17.36         1316.58         MATHEW         RII         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         RM-4         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3078         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3075         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3074         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA								
8/13/98         3060         A         17.36         1316.58         MATHEW         RII         TUNICA           8/13/98         3061         A         23.51         1340.09         MATHEW         GT-8         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3078         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3077         B         25.77         1414.87         MATHEW         RM-4         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3076         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-7         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA								
8/13/98         3061         A         23.51         1340.09         MATHEW         GT-8         TUNICA           8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3077         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3075         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3076         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA           8/14/98         3072         B         27.53         1573.51         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA								
8/13/98         3062         A         24.31         1364.40         MATHEW         RM-4         TUNICA           8/13/98         3078         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3077         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3074         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA								
8/13/98         3078         B         24.70         1389.10         MATHEW         RM-3         TUNICA           8/13/98         3077         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3076         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA								
8/13/98         3077         B         25.77         1414.87         MATHEW         RM-3         TUNICA           8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3074         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         GT-8         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-3         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-7         TUNICA								
8/13/98         3075         B         27.06         1441.93         MATHEW         RM-4         TUNICA           8/13/98         3074         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         GT-8         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-3         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-7         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-7         TUNICA								
8/13/98         3074         B         28.13         1470.06         MATHEW         RM-7         TUNICA           8/13/98         3076         B         28.26         1498.32         MATHEW         GT-8         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         RM-7         TUNICA           8/14/98         3062         B         27.53         1573.51         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-3         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-7         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA								
8/13/98         3076         B         28.26         1498.32         MATHEW         GT-8         TUNICA           8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         GT-8         TUNICA           8/14/98         3072         B         27.53         1573.51         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-3         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-7         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA           8/14/98         3070         B         22.00         1746.23         MATHEW         RM-7         TUNICA								t t
8/14/98         3073         B         23.17         1521.49         MATHEW         RM-3         TUNICA           8/14/98         3071         B         24.49         1545.98         MATHEW         GT-8         TUNICA           8/14/98         3072         B         27.53         1573.51         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-3         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-3         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA           8/14/98         3070         B         22.00         1746.23         MATHEW         RM-4         TUNICA           8/17/98         3101         B         23.66         1769.89         MATHEW         RM-7         TUNICA	li .							
8/14/98         3071         B         24.49         1545.98         MATHEW         GT-8         TUNICA           8/14/98         3072         B         27.53         1573.51         MATHEW         RM-7         TUNICA           8/14/98         3064         B         24.62         1598.13         MATHEW         RM-3         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3066         B         24.66         1651.35         MATHEW         RM-4         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-3         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA           8/14/98         3070         B         22.00         1746.23         MATHEW         RM-7         TUNICA           8/17/98         3101         B         23.66         1769.89         MATHEW         RM-7         TUNICA								
8/14/98       3072       B       27.53       1573.51       MATHEW       RM-7       TUNICA         8/14/98       3064       B       24.62       1598.13       MATHEW       RM-3       TUNICA         8/14/98       3065       B       28.56       1626.69       MATHEW       RM-4       TUNICA         8/14/98       3067       B       24.66       1651.35       MATHEW       RM-7       TUNICA         8/14/98       3066       B       27.05       1678.40       MATHEW       RM-7       TUNICA         8/14/98       3068       B       21.70       1700.10       MATHEW       RM-3       TUNICA         8/14/98       3069       B       24.13       1724.23       MATHEW       RM-4       TUNICA         8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       RM-7       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>The state of the s</th></td<>								The state of the s
8/14/98         3064         B         24.62         1598.13         MATHEW         RM-3         TUNICA           8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3067         B         24.66         1651.35         MATHEW         GT-8         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-3         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA           8/14/98         3070         B         22.00         1746.23         MATHEW         GT-8         TUNICA           8/14/98         3101         B         23.66         1769.89         MATHEW         RM-7         TUNICA           8/17/98         3102         B         26.02         1795.91         MATHEW         RM-7         TUNICA           8/17/98         3108         B         28.30         1824.21         MATHEW         RM-4         TUNICA								
8/14/98         3065         B         28.56         1626.69         MATHEW         RM-4         TUNICA           8/14/98         3067         B         24.66         1651.35         MATHEW         GT-8         TUNICA           8/14/98         3066         B         27.05         1678.40         MATHEW         RM-7         TUNICA           8/14/98         3068         B         21.70         1700.10         MATHEW         RM-3         TUNICA           8/14/98         3069         B         24.13         1724.23         MATHEW         RM-4         TUNICA           8/14/98         3070         B         22.00         1746.23         MATHEW         RM-4         TUNICA           8/14/98         3101         B         23.66         1769.89         MATHEW         RM-7         TUNICA           8/17/98         3102         B         26.02         1795.91         MATHEW         RM-7         TUNICA           8/17/98         3108         B         28.30         1824.21         MATHEW         RM-4         TUNICA           8/17/98         3107         B         29.06         1853.27         MATHEW         RM-7         TUNICA	I .							1
8/14/98       3067       B       24.66       1651.35       MATHEW       GT-8       TUNICA         8/14/98       3066       B       27.05       1678.40       MATHEW       RM-7       TUNICA         8/14/98       3068       B       21.70       1700.10       MATHEW       RM-3       TUNICA         8/14/98       3069       B       24.13       1724.23       MATHEW       RM-4       TUNICA         8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       GT-8       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       RM-7       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>								
8/14/98       3066       B       27.05       1678.40       MATHEW       RM-7       TUNICA         8/14/98       3068       B       21.70       1700.10       MATHEW       RM-3       TUNICA         8/14/98       3069       B       24.13       1724.23       MATHEW       RM-4       TUNICA         8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       GT-8       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       RM-7       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8 <td< th=""><th>l .</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	l .							
8/14/98       3068       B       21.70       1700.10       MATHEW       RM-3       TUNICA         8/14/98       3069       B       24.13       1724.23       MATHEW       RM-4       TUNICA         8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       RM-7       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3103       B       26.36       1957.74       MATHEW       RM-4 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
8/14/98       3069       B       24.13       1724.23       MATHEW       RM-4       TUNICA         8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       GT-8       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       RM-7       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>								
8/14/98       3070       B       22.00       1746.23       MATHEW       GT-8       TUNICA         8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       GT-8       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       RM-7 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
8/14/98       3101       B       23.66       1769.89       MATHEW       RM-7       TUNICA         8/17/98       3102       B       26.02       1795.91       MATHEW       GT-8       TUNICA         8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       RM-7       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
8/17/98         3102         B         26.02         1795.91         MATHEW         GT-8         TUNICA           8/17/98         3108         B         28.30         1824.21         MATHEW         RM-4         TUNICA           8/17/98         3107         B         29.06         1853.27         MATHEW         RM-7         TUNICA           8/17/98         3086         B         25.29         1878.56         MATHEW         HLB22         TUNICA           8/17/98         3106         B         25.66         1904.22         MATHEW         GT-8         TUNICA           8/17/98         3104         B         27.16         1931.38         MATHEW         GT-8         TUNICA           8/17/98         3105         B         26.36         1957.74         MATHEW         RM-4         TUNICA           8/17/98         3103         B         26.89         1984.63         MATHEW         RM-7         TUNICA           8/17/98         3095         B         21.43         2006.06         MATHEW         HLB22         TUNICA           8/17/98         3093         B         28.93         2034.99         MATHEW         RM-7         TUNICA								3
8/17/98       3108       B       28.30       1824.21       MATHEW       RM-4       TUNICA         8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								4
8/17/98       3107       B       29.06       1853.27       MATHEW       RM-7       TUNICA         8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								
8/17/98       3086       B       25.29       1878.56       MATHEW       HLB22       TUNICA         8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								
8/17/98       3106       B       25.66       1904.22       MATHEW       GT-8       TUNICA         8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA			_					
8/17/98       3104       B       27.16       1931.38       MATHEW       GT-8       TUNICA         8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								
8/17/98       3105       B       26.36       1957.74       MATHEW       RM-4       TUNICA         8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								
8/17/98       3103       B       26.89       1984.63       MATHEW       RM-7       TUNICA         8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA								
8/17/98       3095       B       21.43       2006.06       MATHEW       HLB22       TUNICA         8/17/98       3093       B       28.93       2034.99       MATHEW       RM-7       TUNICA         8/17/98       3092       B       26.65       2061.64       MATHEW       RM-3       TUNICA	1							
8/17/98 3093 B 28.93 2034.99 MATHEW RM-7 TUNICA 8/17/98 3092 B 26.65 2061.64 MATHEW RM-3 TUNICA								
8/17/98 3092 B 26.65 2061.64 MATHEW RM-3 TUNICA								
T control of the cont	1							
	8/17/98	3094	В	25.71	2087.35	MATHEW	GT-8	TUNICA
8/17/98 3090 B 26.94 2114.29 MATHEW RM-5 TUNICA								
8/17/98 3091 B 27.31 2141.60 MATHEW RM-4 TUNICA								
8/17/98 3089 B 22.78 2164.38 MATHEW RM-7 TUNICA								
8/17/98 3088 B 20.88 2185.26 MATHEW RM-7 TUNICA								
8/21/98 3084 B 23.27 2208.53 MATHEW GT-8 TUNICA								
8/21/98 3085 B 24.55 2233.08 MATHEW GT-8 TUNICA								
8/21/98 3096 B 22.69 2255.77 MATHEW GT-8 TUNICA								
8/21/98 3097 B 25.76 2281.53 MATHEW RM-3 TUNICA								

8/21/98	3098	В	26.14	2307.67	MATHEW	GT-8	TUNICA
8/21/98	3087	В	25.80	2333.47	<b>MATHEW</b>	RM-3	TUNICA
8/27/98	3083	В	27.71	2361.18	<b>MATHEW</b>	RM-4	TUNIÇA
8/27/98	3082	В	22.91	2384.09	<b>MATHEW</b>	GT-8	TUNICA
8/27/98	3081	В	24.74	2408.83	MATHEW	RM-7	TUNICA
8/27/98	3080	В	22.37	2431.20	MATHEW	RM-5	TUNICA
8/27/98	3079	В	26.27	2457.47	MATHEW	RM-3	TUNICA
8/27/98	3099	В	26.55	2484.02	<b>MATHEW</b>	GT-8	TUNICA
8/27/98	3120	В	28.56	2512.58	MATHEW	RM-4	TUNICA
8/27/98	3100	В	23.64	2536.22	MATHEW	RM-7	TUNICA
8/31/98	3109	В	24.93	2561.15	MATHEW	HBL-22	TUNICA
8/31/98	3110	В	27.68	2588.83	MATHEW	GT-8	TUNICA
8/31/98	3111	В	27.15	2615.98	MATHEW	RM-7	TUNICA
8/31/98	3112	В	27.79	2643.77	MATHEW	RM-3	TUNICA
8/31/98	3113	В	26.94	2670.71	MATHEW	HBL-22	TUNICA
8/31/98	3114	В	27.46	2698.17	MATHEW	GT-8	TUNICA
8/31/98	3115	В	30.31	2728.48	MATHEW	RM-7	TUNICA
8/31/98	3116	В	26.57	2755.05	MATHEW	HLB22	TUNICA
8/31/98	3117	В	26.1	2781.15	MATHEW	GT-8	TUNICA
8/31/98	3118	В	29.52	2810.67	MATHEW	RM-4	TUNICA
8/31/98	3124	В	24.58	2835.25	MATHEW	HLB22	TUNICA
9/1/98	3122	В	26.23	2861.48	MATHEW	HLB22	TUNICA
9/1/98	3121	В	28.59	2890.07	MATHEW	GT-8	TUNICA
9/1/98	3125	В	24.85	2914.92	MATHEW	HLB22	TUNICA
9/1/98	3123	В	27.1	2942.02	MATHEW	GT-8	TUNICA
9/1/98	3119	B	22.87	2964.89	MATHEW	GT-8	TUNICA
9/1/98	3135	В	23.77	2988.66	MATHEW	GT-8	TUNICA
9/2/98	3126	В	22.36	3011.02	MATHEW	HLB22	TUNICA
9/2/98	3127	В	22.43	3033.45	MATHEW	GT-8	TUNICA
9/2/98	3128	В	23.52	3056.97	MATHEW	HLB22	TUNICA
9/2/98	3129	В	23.76	3080.73	MATHEW	GT-8	TUNICA
9/2/98	3130	В	24.44	3105.17	MATHEW	HLB22	TUNICA
9/4/98	3131	В	21.74	3126.91	MATHEW	HLB22	TUNICA
9/4/98	3132	В	22.14	3149.05	MATHEW	RM-7	TUNICA
9/4/98	3133	В	20.5	3169.55	MATHEW	GT-8	TUNICA
9/4/98	3134	В	21.17	3190.72	MATHEW	RM-3	TUNICA
9/21/98	3160	В	25.74	3216.46	MATHEW	RM-7	TUNICA
9/21/98	3159	Č	26.31	3242.77	MATHEW	RM-4	TUNICA
9/21/98	3158	Ċ	25.76	3268.53	MATHEW	GT-8	TUNICA
9/21/98	3157	Ċ	29.71	3298.24	MATHEW	GT-8	TUNICA
9/21/98	3156	Ċ	26.01	3324.25	MATHEW	RM-4	TUNICA
9/21/98	3155	Č	29.95	3354.20	MATHEW	RM-7	TUNICA
9/21/98	3154	Č	27.05	3381.25	MATHEW	GT-8	TUNICA
9/21/98	3153	Č	26.19	3407.44	MATHEW	RM-4	TUNICA
9/21/98	3152	Č	28.52	3435.96	MATHEW	RM-7	TUNICA
9/22/98	3151	č	26.73	3462.69	MATHEW	RM-7	TUNICA
9/22/98	3212	č	25.19	3487.88	MATHEW	RM-4	TUNICA
9/22/98	3211	č	26.99	3514.87	MATHEW	RM-7	TUNICA
9/22/98	3210	Č	26.8	3541.67	MATHEW	RM-4	TUNICA
9/22/98	3209	Č	30.49	3572.16	MATHEW	RM-7	TUNICA
9/22/98	3208	Č	29.06	3601.22	MATHEW	RM-4	TUNICA
9/23/98	3147	c	24.94	3626.16	MATHEW	HLB22	TUNICA
9/23/98	3146	Ċ	26.85	3653.01	MATHEW	RM-4	TUNICA
9/23/98	3148	Č	18.81	3671.82	MATHEW	RM-7	TUNICA
7/20/70	0140		10.01	JU / 1.04	MAIUEW	K141-/	IUNICA

9/23/98	3145	С	24.86	3696.68	MATHEW	HLB22	TUNICA
9/23/98	3144	Č	26.3	3722.98	MATHEW	RM-4	TUNICA
9/23/98	3143	Č	27.15	3750.13	MATHEW	RM-7	TUNICA
9/23/98	3142	C	24.56	3774.69	MATHEW	HLB22	TUNICA
9/23/98	3142	C	24.56 25.58	3800.27	MATHEW	RM-4	
9/23/98	3214	C	23.36 24.41	3824.68			TUNICA
9/23/98	3214	c	22.2	3846.88	MATHEW	RM-7	TUNICA
9/24/98	3213	C	22.2 26.7		MATHEW	HLB22	TUNICA
9/24/98	3150	C	26.7 23.78	3873.58	MATHEW	RM-7	TUNICA
9/24/98	3149	C	25.78 26.27	3897.36	MATHEW	RM-4	TUNICA
9/24/98	3239	C	29.58	3923.63	MATHEW	RM-7	TUNICA
9/25/98	3239	C	25.63	3953.21	MATHEW	RM-7	TUNICA
9/25/98	3219	C	28.23	3978.84	MATHEW	RM-4	TUNICA
9/25/98	3219	C	29.77	4007.07	MATHEW	RM-7	TUNICA
9/25/98	3217	C	26.68	4036.84 4063.52	MATHEW	HLB22	TUNICA
9/25/98		C			MATHEW	HLB22	TUNICA
9/25/98	3215 3244	C	25.47	4088.99	MATHEW MATHEW	RM-7	TUNICA
9/25/98	3244 3216	C	24.62	4113.61 4139.90		HLB22	TUNICA
		C	26.29		MATHEW	RM-4	TUNICA
9/25/98	3243	C	24.44	4164.34	MATHEW	HLB22	TUNICA
9/26/98	3242		29.06	4193.40	MATHEW	RM-4	TUNICA
9/26/98	3241	C	27.12	4220.52	MATHEW	HLB22	TUNICA
9/26/98	3240	C	23.64	4244.16	MATHEW	RM-7	TUNICA
9/26/98	3203	C	24.38	4268.54	MATHEW	RM-4	TUNICA
9/26/98	3204	C	23.49	4292.03	MATHEW	HLB22	TUNICA
9/29/98	3205	C	28.2	4320.23	MATHEW	RM-7	TUNICA
9/29/98	3206	C	26.89	4347.12	MATHEW	RM-4	TUNICA
9/29/98	3207	C	27.57	4374.69	MATHEW	RM-7	TUNICA
9/29/98	3202	C	27.69	4402.38	MATHEW	RM-4	TUNICA
9/29/98	3137	C	26.33	4428.71	MATHEW	RM-7	TUNICA
9/29/98	3138	C	25.09	4453.80	MATHEW	RM-4	TUNICA
9/30/98	3139	C	24.17	4477.97	MATHEW	HLB22	TUNICA
9/30/98	3140	C	29.97	4507.94	MATHEW	RM-7	TUNICA
9/30/98	3259	C	27.48	4535.42	MATHEW	RM-4	TUNICA
9/30/98	3258	C	25 25 50	4560.42	MATHEW	HLB22	TUNICA
9/30/98	3257	C	27.59	4588.01	MATHEW	RM-7	TUNICA
9/30/98	3256	C	23.54	4611.55	MATHEW	RM-4	TUNICA
9/30/98	3255	C	23.98	4635.53	MATHEW	HLB22	TUNICA
9/30/98	3254	C	28.26	4663.79	MATHEW	RM-7	TUNICA
9/30/98	3253	C	24.89	4688.68	MATHEW	HLB22	TUNICA
9/30/98	3252	C	24.01	4712.69	MATHEW	HLB22	TUNICA
10/1/98	3251	C	26.04	4738.73	MATHEW	RM-7	TUNICA
10/1/98	3250 3240	C	24.89	4763.62	MATHEW	HLB22	TUNICA
10/1/98	3249 3246	C	24.51 25.75	4788.13	MATHEW	HLB22	TUNICA
10/2/98	3246 3247	C	25.75	4813.88	MATHEW	RM-4	TUNICA
10/2/98	3247 3245	C	23.85	4837.73	MATHEW	HLB22	TUNICA
10/2/98	3245	C	27.52	4865.25	MATHEW	RM-7	TUNICA
10/2/98	3263	C	29.51	4894.76	MATHEW	RM-4	TUNICA
10/2/98	3262	C	25.96 27.70	4920.72	MATHEW	HLB22	TUNICA
10/2/98	3261	C	27.79 26.84	4948.51	MATHEW	RM-7	TUNICA
10/2/98	3260	C	26.84	4975.35	MATHEW	RM-4	TUNICA
10/2/98	3264	C	23.99	4999,34	MATHEW	HLB22	TUNICA
10/2/98	3269	С	29.68	5029.02	MATHEW	RM-4	TUNICA



#### **NON-HAZARDOUS WASTE MANIFEST**

3781735

	GENE	RATOR -	
Name of Generator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114		7.6d1000	
Phone No ( 901 ) 775-0173		Phone No · (	
Waste ID Code No.: TUN-9807002		, 110110 110. <u>(</u>	
Special Handling Instructions and Additional In		- Andrew American	
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:	49605	Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	12.32	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum
	5: 7		
Generator Authorized Agent	Signature	OPTER	Shipment Date
- 0	TRANSI	PORTER	
Truck No.: 678	TRANSI	Transporter Phone	e No.: ( <u>601</u> ) 429-2200
Truck No.: 678  Transporter Name: Matthews Trucking	TRANSI	Transporter Phone Driver Name (prin	n): Joe braham
Truck No.: 678  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road	TRANSI	Transporter Phone Driver Name (prin	e No.: (601) 429-2200  nt): Joe Graham  No./State: A 082 Y2
Transporter Name: <u>Matthews Trucking</u> Address: <u>1340 Gwynn Road</u> Nesbit, MS 38651	TRANSI	Transporter Phone Driver Name (prin Vehicle License N Vehicle Certification	e No.: (601) 429-2200 nt): DOE 612 Agm No./State: A 082 Y2 on: MDOT 4 500774457
Truck No.: 678  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road	TRANSI	Transporter Phone Driver Name (print Vehicle License Notehicle Certification With my signature	e No.: (601) 429-2200 nt): Joe braham No./State: A082 Y2
Truck No.: 678  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater	TRANSI	Transporter Phone Driver Name (print Vehicle License Notehicle Certification With my signature	e No.: (601) 429-2200  nt): DOC 6121 April  No./State: A 0 82 42  on: MDOT 4 50 07 7445 7  e, I certify that the above named material was
Truck No.: 678  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater at the Generator site listed above.	TRANSI	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	e No.: (601) 429-2200  nt): De brakam  No./State: A 0 82 V2  on: MDOT U 50007 7445 7  e, I certify that the above named material was incident to the destination listed below.  Recompany 1, 21, 99
Truck No.: 678  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater at the Generator site listed above.  Signature	rial was picked up Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	e No.: (601) 429-2200  nt): De braham  lo./State: A D 82 Y2  on: MDOT U 5007 7445 7  e, I certify that the above named material we incident to the destination listed below.  According to the destination listed below.  Delivery Date
Truck No.:	rial was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature	e No.: (601) 429-2200  nt): De braham  lo./State: A D 82 Y2  on: MDOT U 500774457  e, I certify that the above named material waincident to the destination listed below.  According 199  Delivery Date
Truck No.:	rial was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature	e No.: (601) 429-2200  nt): De braham  lo./State: A D 82 Y2  on: MDOT U 50007 74457  e, I certify that the above named material with incident to the destination listed below.  According to the destination listed below.  Delivery Date
Truck No.:	rial was picked up  / / Pickup Date  DESTINATION OF Tunica, Inc. binsonville, MS	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature  ATION  38664	e No.: (601) 429-2200  nt): De braham  lo./State: A D 82 Y2  on: MDOT U 5007 7445 7  e, I certify that the above named material we incident to the destination listed below.  According to the destination listed below.  Phone No: (601) 363-2282  Time:
Truck No.:	rial was picked up  / / Pickup Date  DESTINATION OF Tunica, Inc. binsonville, MS	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature  ATION  38664	e No.: (601) 429-2200  nt): De 6rz Agm  No./State: A 0 82 /2  on: MDOT 4 50 07 7445 7  e, I certify that the above named material wincident to the destination listed below.  According to the destination listed below.  Phone No: (601) 363-2282  Time:



## USA WASTE SERVICES

	GENE	RATOR		
me of nerator: Defense Distribution Dates: 2163 Airways Blvd.	Depot, Memphis	Waste Generation Location		
memphis, TN 38114		Address.		<del></del>
901 775 . 0172				- <del></del>
ste ID. Code NoTUN-9807002	2	Phone No. ()		
ecial Handling Instructions and Additional	· · · · · · · · · · · · · · · · · · ·			
L 11		49609	4	
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459		<del> </del>	Customer Number/	<del></del>
SPONSIBLE AGENCY Mississippi Dept of		y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	19.98	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum   ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
nerator Authorized Agent	Signature	Fulle		ment Date
.10.	TRANSF	OHIER		
		Transporter Phone		
sporter Name: <u>Matthews Trucking</u>	ng	Driver Name (print) JAMES R. NELSON		
ress: 1340 Gwynn Road		Vehicle License No./State: A 29170		
Nesbit, MS 38651		Vehicle Certification: MDOT		
n my signature, I certify that the above mat ne Generator site listed above.	erial was picked up	With my signature delivered without i	, I certify that the above named ncident to the destination listed by	material was below.
nature	7 , 21 , 98 Pickup Date	Signature		21,98
<del>/</del>	DESTIN	<del>-</del>	Uei	ivery Date
Troch University 110.4				
Name: <u>Trash Hunters USA</u> Address: 6035 Bowdre Rd. Rd		38664	Phone No.: (601) _ 363-2	
repancies:	obmodifyme, 1413	38004	Time:	
	l boo boon constant of			
reby certify that the above named material SECS (SELFFIN) le (print)	Signature	ad to therbest of my	7,	21,98
003002	- •	UU	70711 70 0171	eipt Date
White — L	ANDFILL Yellow — GENI	ERATOR Pink — TRAN	ISPORTER TOTAL TO DATE: 3	2,3



#### **NON-HAZARDOUS WASTE MANIFEST**

	SENERATOR		
Name of Generator: Defense Distribution Depot, Memp			
Address 2163 Airways Blvd.			
Memphis, TN 38114			
Phone No. (_901_) _775-0173	Phone No.: ()		
Waste ID. Code No.: TUN-9807002			
Special Handling Instructions and Additional Information			
	t		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ticket Num	per: 49411 Customer Number: 9		
RESPONSIBLE AGENCY: Mississippi Dept. of Environmental	Quality (601) 961-5171		
Waste Description Actual Quar			
Dieldrin Contaminated Soil	☐ Pounds ☐ Drum ☐ Truck ☐ Carton ☐ Box ☐ Cu Yd. ☐ Cu. Ft ☐ Volume:		
Generator Authorized Agent Signature	Shipment Date		
	ANSPORTER		
Truck No.: 77896-/	Transporter Phone No.: ( <u>601</u> ) <u>429-2200</u>		
Transporter Name: Matthews Trucking	Driver Name (print): J D Riley		
Address: 1340 Gwynn Road	Vehicle License No./State: 5743-PY		
Nesbit, MS 38651	Vehicle Certification: MDQT		
With my signature, I certify that the above material was picked at the Generator site listed above.	up With my signature, I certify that the above named material was delivered without incident to the destination listed below.		
Signature 7 21 7	Signature Delivery Date		
D	ESTINATION		
Site Name: Trash Hunters USA Of Tunica, Site Address: 6035 Bowdre Rd. Robinsonville	MC 20004		
	, IVIS 38664 Time:		
Niscrepancies:			
Thereby certify that the above named material has been acc	pted and to the best of my knowledge, the foregoing is true and accurate.		
Name (print) Signature	7 / 21 / 98 Receipt Date		
Nº 003003	w GENERATOR Pink TRANSPORTER TOTAL TO DATE: 517		



## USA WASTE SERVICES

	GENE	HAIUH		
me of Defense Distribution Depot, Memphis dress: 2163 Airways Blvd.		Waste Generation Location	SAME	
		Address		
Memphis, TN 38114				· · · · · · · · · · · · · · · · · · ·
one No. ( <u>901</u> ) <u>775-0173</u>	· · · · · · · · · · · · · · · · · · ·	Phone No. (	)	
ste ID Code No.: TUN-9807002			· · · · · · · · · · · · · · · · · · ·	
ecial Handling Instructions and Additional In	formation			
		. (01.2		
th Hunters USA of Tunica, Inc. Permit Humber: SW-0720010459	Ticket Number	49619	Customer Number	9
SPONSIBLE AGENCY Mississippi Dept. of 8	Environmental Quality	(601) 961-5171		
Waste Description	Actual Quantity	Units	Container Ty	/De
Dieldrın Contamınated Soil	17.31	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box	
th my signature, I certify that the above named te law or regulation, is not a hazardous waste as the packaged, and is in proper condition for tra	5 UBIIIIBU DV 4U LJERI 2	bi of any applicable (	etata law hae haan amaadu daa	cribed, classified
packaged, and is in proper condition for tra	ansportation according	to applicable regulation of the second secon	state law, has been properly des ations.	cribed, classified
packaged, and is in proper condition for tra	ansportation according	or any applicable regulation of the control of the	state law, has been properly des ations.	cribed, classified
packaged, and is in proper condition for tra  IRC Kalla  nerator Authorized Agent  ck No.: MR [	Ansportation according Signature  TRANSP	ORTER  Transporter Phone	state law, has been properly des ations.  Sh  No.: (601 ) 429-220	cribed, classified 198 sipment Date
packaged, and is in proper condition for tra  I A L L L L L L L L L L L L L L L L L L	Ansportation according Signature  TRANSP	ORTER  Transporter Phone  Driver Name (print	state law, has been properly des ations.  Sh  No.: (601) 429-22(	cribed, classified
packaged, and is in proper condition for tra  IACL Kalla  nerator Authorized Agent  ck No.: MR L  nsporter Name: Matthews Trucking  liress 1340 Gwynn Road	Ansportation according Signature TRANSP	ORTER  Transporter Phone  Driver Name (print	state law, has been properly des ations.  Sh  No.: (601 ) 429-220	cribed, classified
packaged, and is in proper condition for tra	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print Vehicle License No	state law, has been properly des ations.  Sh  No.: (601 ) 429-220  No.: 1429-220  No.: 1429-220  No.: MDOT	cribed, classified
packaged, and is in proper condition for tra    A	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly des ations.  Sh  No.: (601) 429-22(1): MAUNTE POLICE  o./State: 42753 +	cribed, classified
packaged, and is in proper condition for tra    A	Signature  TRANSP  all was picked up	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly des ations.  Shown (601) 429-220  No.: (601) 429-220  No.: MAUR, 20 Co./State: 475 3 + 100  On: MDOT  In certify that the above name incident to the destination listed	cribed, classified  7 2 / 98  tipment Date
packaged, and is in proper condition for tra    A	Signature  TRANSP  al was picked up  Pickup Date	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly des ations.  Shown (601) 429-220  No.: (601) 429-220  No.: MAUR, 20 Co./State: 475 3 + 100  On: MDOT  In certify that the above name incident to the destination listed	cribed, classified
packaged, and is in proper condition for tra    A	Signature  TRANSP  all was picked up	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly des ations.  Shown (601) 429-220  No.: (601) 429-220  No.: MAUR, 20 Co./State: 475 3 + 100  On: MDOT  In certify that the above name incident to the destination listed	cribed, classified  7 2 / 98  tipment Date
packaged, and is in proper condition for tra	al was picked up  Pickup Date  Tunica, Inc.	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly des ations.  No.: (601 ) 429-220  No.: MAUNICE CO./State: 475 37  On: MDOT  On: MDOT  On: destination listed  Phone No.: (601) 363-	cribed, classified  7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
packaged, and is in proper condition for tra	al was picked up  Pickup Date  Tunica, Inc.	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly des ations.  Show the state law, has been properly des ations.  Show the state law, has been properly des ations.  Show the state law, has been properly des ations.  Show the state law, has been properly des ations.  Show the state law, has been properly des ations.  Show the state law, has been properly des ations.	cribed, classified  7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
packaged, and is in proper condition for tra	al was picked up  TRANSP  TRANSP  All was picked up  DESTINA  Tunica, Inc.  insonville, MS 3	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly des ations.  No.: (601 ) 429-22(1): MAUNATE POLICIONAL POLI	cribed, classified  7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
In packaged, and is in proper condition for tracking in proper condition for tracking in proper Authorized Agent  In packaged, and is in proper condition for tracking in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in	al was picked up  TRANSP  TRANSP  All was picked up  DESTINA  Tunica, Inc.  insonville, MS 3	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly des ations.  No.: (601) 429-22(1): MAUNICE POLICE  o./State: 4753 + 100.  In: MDOT  o. I certify that the above name neident to the destination listed  Phone No.: (601) 363-  Time: 7	cribed, classified  7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9



3781739

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
Name of Generator: Defense Distribution I		Waste Generation Location:	SAME	
ddress 2163 Airways Blvd.		Address.		
Memphis, TN 38114		<del></del>		
	***************************************	Phone No. (	)	
Waste ID. Code No TUN-980700	02			
Special Handling Instructions and Additional	I Information			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-07200104	59 Ticket Number:	49623	Customer Number:9	
,	••		Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept. Waste Description	of Environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	20.74	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Sighature TRANSF	PORTER	Shipment Date	
Truck No.:		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>	
Transporter Name: Matthews Truck	ing	Driver Name (prin		
Address: 1340 Gwynn Road		Vehicle License N	40/10/2	
Nesbit, MS 38651		Vehicle Certification		
With my signature, I certify that the above m at the Generator site listed above.	aterial was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.	
	1 1	loo ble	10- 7,30,98	
Signature	Pickup Date	Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Track Huntara LICA	Of Tunion Inc	- ·- · · · · · · · · · · · · · · · · ·		
Site Name: <u>Trash Hunters USA</u> Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282	
	Nobinsonvine, IVIS	30004	Time:	
Discrepancies:				
	rial has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate	
Oreg Crittin Name (print)	Signature	1/	Passint Pote	
Nº 003005			Receipt Date	
	- LANDFILL Yellow — GER	ERATOR PINK — TRA	INSPORTER TOTAL TO DATE: 89.36	

## Û

## USA WASTE SERVICES

3781740

	GENE	RATOR		
me of Defense Distribution Depot, Memphis dress 2163 Airways Blvd.  Memphis, TN 38114		Waste Generation Location:	SAME	
		Address		
one No ( <u>901</u> ) <u>775-0173</u>	· · · · · · · · · · · · · · · · · · ·	Phone No.: (	)	
iste ID. Code No.:TUN-9807002		\ <u></u>		
ecial Handling Instructions and Additional	Information			
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number	49628	Customer Number:9	
SPONSIBLE AGENCY: Mississippi Dept. of	f Environmental Qualit	y (601) 961-5171		
Waste Description	<b>Actual Quantity</b>	Units	Container Type	
Dieldrın Contaminated Soil	22.50	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
TACK Kallar nerator Authorized Agent	Signature	allal	7 12/198 Shipment Date	
	TRANSP	OHIER		
	<del></del>	Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>	
nsporter Name: <u>Matthews Truckin</u>	<u>g</u>	Driver Name (print): JAMES R. NESON		
ress 1340 Gwynn Road	<del></del>	Vehicle License No./State: A 29170		
Nesbit, MS 38651		Vehicle Certification: MDOT		
h my signature, I certify that the above mate he Generator site listed above.	rial was picked up	With my signature, I certify that the above named material without incident to the destination listed below.		
nature	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Name:Trash Hunters USA (	Of Tunica Inc			
Address: 6035 Bowdre Rd. Ro	binsonville MS	38664	Phone No.: (601) 363-2282	
	zancontrino, IVIO	33004	Time:	
crepancies:	<del></del>			
reby certify that the above named material		id to the best of my i	knowledge, the foregoing is true and accurate	
ne (print)	Signature (	ref	Receipt Date	
003006	- 1	// //	Hecelot Uate	



3781741

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Address 2163 Airways Blvd.	enerator: Defense Distribution Depot, Memphis		SAME	
Phone No: (_901_) 775-0173  Waste ID. Code No.: TUN-9807002  Special Handling Instructions and Additional Infor		·		
•				
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number _	49629	Customer Number:	9
RESPONSIBLE AGENCY: Mississippi Dept. of En			Containe	ег Туре
Dieldrin Contaminated Soil	77.69	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truc ☐ Carton ☐ Box ☐ Bag ☐ Oth Volume:	er:
and packaged, and is in proper condition for trans  ACIA Kallal  Generator Authorized Agent	Signature	Kallal	ations.	7 12/198 Shipment Date
		PORTER		
, . ,		Transporter Phone No.: (601 ) 429-2200		
Transporter Name: Matthews Trucking		Driver Name (print): (1 D R/10 X		
Address: 1340 Gwynn Road		Vehicle License No./State:		
Nesbit, MS 38651  With my signature, I certify that the above material was picked up at the Generator site listed above.		With my signature	n: IVIDOT	named material was listed below.
Signature	ickup Date	Signature		Delivery Date
	DESTI	NATION		
Site Name: Trash Hunters USA Of Site Address: 6035 Bowdre Rd. Robi	Tunica, Inc.		Phone No.: (601)3	
hereby certify that the above named material has	5-	and to the best of my	knowledge, the foregoing	is true and accurate
Name (print) Nº 003007	Signature  Filt. Velow — GE	NERATOR Pink TRA	NSPORTER TOTAL TO DATE	Receipt Date E: 134.55

Yellow — GENERATOR

Pink -- TRANSPORTER

White - LANDFILL



## USA WASTE SERVICES

	GENE	RATOR		
me of Defense Distribution Depot, Memphis		Waste Generation Location:	SAME	
dress 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
one No (_901_) _775-0173		Phone No., (	)	
iste ID Code No. TUN-9807002	2	<b>\</b>		
ecial Handling Instructions and Additional	Information:			
		16122		
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number	49632	Customer Number:	
SPONSIBLE AGENCY Mississippi Dept. o	f Environmental Quality	(601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	21.32	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
TACIL Kallal  merator Authorized Agent	Signature	Callas	7 11/96 Shipment Date	
$- \rho_{n_1}$	TRANSP	ORTER		
sk No.: 4 11/1 + 5		Transporter Phone	No.: (601) 429-22007	
sporter Name: <u>Matthews Truckin</u>	g	Driver Name (print): 10MM 4 C. Coss		
		Vehicle License No./State:		
ress: 1340 Gwynn Road		Vehicle License No	o./State:	
ress: 1340 Gwynn Road Nesbit, MS 38651		Vehicle License No Vehicle Certification	/ · · · · · · · · · · · · · · · · · · ·	
	erial was picked up	Vehicle Certificatio With my signature,	/ · · · · · · · · · · · · · · · · · · ·	
Nesbit, MS 38651  In my signature, I certify that the above mate the Generator site jisted above.	721,98	Vehicle Certificatio With my signature, delivered without ii	n. MDOT	
Nesbit, MS 38651  may signature, I certify that the above mate	Pickup Date	Vehicle Certificatio With my signature,	n. MDOT	
Nesbit, MS 38651  In my signature, I certify that the above mate the Generator site jisted above.	721,98	Vehicle Certificatio With my signature, delivered without in	n. MDOT  I certify that the above named material wancident to the destination listed below.	
Nesbit, MS 38651  In my signature, I certify that the above matering depose.  In my signature, I certify that the above matering depose above.  In the company of the company of the certific property of the certific proper	Pickup Date  DESTINA  Of Tunica, Inc.	Vehicle Certificatio With my signature, delivered without ii Signature	n. MDOT  I certify that the above named material wancident to the destination listed below.	
Nesbit, MS 38651  In my signature, I certify that the above matering Generator site jisted above.   Approximation of the control of the contr	Pickup Date  DESTINA  Of Tunica, Inc.	Vehicle Certificatio With my signature, delivered without ii Signature	n. MDOT  I certify that the above named material wancident to the destination listed below.  7, 2/, 78  Delivery Date	
Nesbit, MS 38651  In my signature, I certify that the above matering generator site jisted above.  Address:	Pickup Date  DESTINA  Of Tunica, Inc.  obinsonville, MS	Vehicle Certificatio With my signature, delivered without ii Signature ATION	n. MDOT  I certify that the above named material wand incident to the destination listed below.  7/2/78  Delivery Date  Phone No.: (601) 363-2282  Time:	
Nesbit, MS 38651  In my signature, I certify that the above matering generator site jisted above.  Address:	Pickup Date  DESTINA  Of Tunica, Inc.  obinsonville, MS :	Vehicle Certificatio With my signature, delivered without ii Signature ATION	n. MDOT  I certify that the above named material wancident to the destination listed below.  7/2//78  Delivery Date	



Name of Generator: Defense Distribution Depot, Memph Address: 2163 Airways Blvd.  Memphis, TN 38114  Phone No. (901) 775-0173  Waste ID. Code No. TUN-9807002	Address.
Address: 2163 Airways Blvd.  Memphis, TN 38114  Phone No. (901) 775-0173  Waste ID. Code No. TUN-9807002	Address.
Memphis, TN 38114  Phone No. (901) 775-0173  Waste ID. Code No. TUN-9807002	
Phone No. ( <u>901</u> ) <u>775-0173</u> Waste ID. Code No. <u>TUN-9807002</u>	Phone No.: ()
Waste ID. Code No. TUN-9807002	
special Handling Instructions and Additional Information:	<del></del>
Frash Hunters USA of Funica, Inc. Permit Number SW-0720010459 Ticket Numbe	er: <u>49630</u> Customer Number. <u>9</u>
RESPONSIBLE AGENCY: Mississippi Dept of Environmental C	Quality (601) 961-5171
Waste Description Actual Quanti	ity Units Container Type
Dieldrin Contaminated Soil	☐ Pounds ☐ Truck ☐ Carton ☐ Box ☐ Cu. Yd. ☐ Cu. Ft. ☐ Volume ☐ Other: ☐ Volume
JACIX Kalla ( Senerator Authorized Agent Signature	Shipment Date
1)41 2	RNSPORTER
Fruck No.: 4 1/1 - 5	Transporter Phone No.: (601) 429-2200
fransporter Name. Matthews Trucking	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Address: 1340 Gwynn Road	Vehicle License No./State:
Nesbit, MS 38651	
With my signature, I certify that the above material was picked use the Generator site listed above.	With my signature, I certify that the above named material delivered without incident to the destination listed below.
Signature Noo 1 91 99	Signature Delivery Date
	STINATION
Site Name: Trash Hunters USA Of Tunica, In	
Site Address: 6035 Bowdre Rd. Robinsonville,	MS 38664 Time:
Discrepancies:	
hereby certify that the above named material has been access	sted and to the best of my knowledge, the foregoing is true and accu
TITE Vandens	
TEFF PAPASAW Signature Signature	7.4 9. Receipt Date



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
me of Defense Distribution Depot, Memphis dress: 2163 Airways Blvd.		Waste Generation Location:	SAME	
Memphis, TN 38114				
one No.: (_901_) _775-0173		Phone No.: (	)	
iste ID. Code No.: TUN-980700	2			
ecial Handling Instructions and Additional	Information:			
th Hunters USA of Tunica, Inc. Permit Number: SW-872001045		49634	Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept ( Waste Description	or Environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Contains Ton	
Dieldrin Contaminated Soil	20.31	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft.	Container Type  Drum Truck Carton Box Bag Other: Volume:	
TACK Kallal nerator Authorized Agent	Signature	Kallal	7 131 198 Shipment Date	
m R i	TRANSF	PORTER		
, ,		Transporter Phone	No.: (601 ) 429-2200	
nsporter Name: <u>Matthews Truckir</u>	ng	Driver Name (print) MAUNICE FOLIN SON		
dress: 1340 Gwynn Road		Vehicle License No./State: <u>147537</u>		
Nesbit, MS 38651		Vehicle Certification	n: <u>MDOT</u>	
h my signature, I certify that the above mat he Generator site listed above.	terial was picked up	With my signature, delivered without in	i certify that the above named material was neident to the destination listed below.	
curic Koleman	Pickup Date	Masure Signature	Rolinson 2121188 Delivery Date	
	DESTIN	ATION		
Name: <u>Trash Hunters USA</u> Address: 6035 Bowdre Rd. R  crepancies:		38664	Phone No.: (601) 363-2282 Time:	
reby certify that the above named materia	I has been accepted ar	nd to the best of my k	nowledge, the foregoing is true and accurate.	
2 003010	<b>8.</b> æ≀αισ		Receipt Date	
White — L	ANDFILL Yellow — GENE	RATOR Pink — TRANS	SPORTER TOTAL TO DATE: 97.53	

Pink - TRANSPORTER



3781745

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME	
Address: 2163 Airways Blvd.				
Memphis, TN 38114		, <u> </u>		
Phone No. (901) 775-0173		Phone No : (		
Waste ID Code No. TUN-980700				
Special Handling Instructions and Additional			<del> </del>	
,		_		6
Trash Hunters USA of Tunica, Inc. Permit Number SW-07200104	59 Ticket Number.	19637	Customer Number _	-1
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Qualit	y (601) 961-5171		
Waste Description	<b>Actual Quantity</b>	Units	Contair	ner Type
Dieldrin Contaminated Soıl	19.26	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Tru ☐ Carton ☐ Bo ☐ Bag ☐ Ot Volume:	
Generator Authorized Agent	Signature	PORTER		Shipment Date
Truck No.		Transporter Phone	No.: (601 ) 429	-2200
Transporter Name: Matthews Truck			): Top Grahe	
Address:1340 Gwynn Road		Vehicle License N	1000	
Nesbit, MS 38651	···	Vehicle Certification		14972
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	With my signature delivered without i	, I certify that the above ncident to the destination	named material was
Signature	Pickup Date	Signature View		Delivery Date
	DESTIN	IATIÓN		
Site Name:Trash Hunters USA Of Tunica, Inc. Site Address:6035 Bowdre Rd. Robinsonville, MS			Phone No.: (601)	
eiscrepancies:	· - · · · · · · · · · · · · · · · · · ·			
hereby certify that the above named mater	rial has been accepted a	nd to the best of my	knowledge, the foregoing	is true and accurate
Name (print)	Signature			Receipt Date
Nº 003011				

White — LANDFILL

Yellow — GENERATOR

Pink -- TRANSPORTER

TOTAL TO DATE: 216,79

3781746

	GENE	RATOR		
dress: 2163 Airways Blvd.	erator: Defense Distribution Depot, Memphis		SAME	
Memphis, TN 38114  one No. ( 901 ) 775-0173  iste ID. Code No.: TUN-9807002		Phone No.: (	)	
ecial Handling Instructions and Additional In	nformation:			
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Tieket Mumban	49638	Customer Number 9	
			Customer Number	
SPONSIBLE AGENCY. Mississippi Dept. of Waste Description	Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	22.27	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
TIKK Kallal  nerator Authorized Agent	Signature	h Kullal	Shipment Date	
NEI	TRANSP	ORTER		
// NO			No.: ( <u>601</u> ) <u>429-2200</u>	
nsporter Name: Matthews Trucking	<u> </u>	Driver Name (print): AZ9170 James K. Nas.		
ress: 1340 Gwynn Road	<u> </u>	Vehicle License No	o./State: MS . A29170	
Nesbit, MS 38651		Vehicle Certification: MDQT		
h my signature, I certify that the above mater he Generator site listed above.	ial was picked up	With my signature delivered without is	, I certify that the above named material wancident to the destination listed below.	
nature	Pickup Date	Signature	) と( パタ Delivery Date	
/	DESTIN	ATION	Danvery Date	
Name:Trash Hunters USA O Address:6035 Bowdre Rd. Rob crepancies:	f Tunica, Inc. binsonville, MS		Phone No.: (601) 363-2282 Time:	
······································	nas been accepted an	d to the best of my I	knowledge, the foregoing is true and accurate	
2 003012	Signature		Receipt Date	
White LAN	IDFILL Yellow GENE	RATOR Pink TRAN	ISPORTER TOTAL TO DATE: 239.06	



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Name of Generator: Defense Distribution De	10000000   1104=16.4600   130000   140=== [ -		SAME	
Address. 2163 Airways Blvd.	ddress. 2163 Airways Blvd.			
Memphis, TN 38114				
Phone No ( 901 ) 775-0173		Phone No : (		
Waste ID. Code No. TUN-9807002		1 110110 140. <u>(</u>		
Special Handling Instructions and Additional I	nformation:		<u> </u>	
		11000		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:	49639	Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept. of	f Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	21.17	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature	Lalla Lalla	Shipment Date	
710000				
Truck No.: <u>777 96-/</u>		Transporter Phone No.: (601 ) 429-2200		
Transporter Name: Matthews Truckin	<u> </u>		D RILEY	
Address: 1340 Gwynn Road		Vehicle License No./State: <u>5743-PV TW</u>		
Nesbit. MS 38651	<u> </u>	Vehicle Certification: MDOT		
With my signature, I certify that the above mate at the Generator site listed above.	erial was picked up	With my signature delivered without i	<ul> <li>I certify that the above named material was incident to the destination listed below.</li> </ul>	
Signature (), (1) Non	7 21 98 Pickup Date	<u> </u>	7,21,98	
Signature () (Release	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Site Name: <u>Trash Hunters USA</u> Site Address: 6035 Bowdre Rd. Ro		38664	Phone No.: (.601.) 363-2282	
Discrepancies:			Time:	
hereby certify that the above named material		nd to the best of my	knowledge, the foregoing is true and accurate	
Name (print)	Signature		Receipt Date	
Nº 003013	ANDFILL Yellow GEN	ERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 260, 23	



## USA WASTE SERVICES

	GENE	RATOR		
me of nerator: Defense Distribution Depot, Memphis		Waste Generation Location	SAME	
dress 2163 Airways Blvd.				
Memphis, TN 38114				
one No. (901) 775-0173		Phone No : /	`	
ste ID. Code No.:TUN-9807002		F110118 140 (	)	
ecial Handling Instructions and Additional Inf	ormation:			
ib Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept of E	invironmental Quality	/ (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	19.45	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent	Signature TRANSP	OPTER	7 12 (178) Shipment Date	
m P I		ORIER		
•	<u> </u>	Transporter Phone	7	
sporter Name: Matthews Trucking	<u></u>	Driver Name (print)	MAURICE ROLINGO	
ress: 1340 Gwynn Road	<del></del>	Vehicle License No./State: 14 263 +		
Nesbit, MS 38651	<del></del>	Vehicle Certification	: MDOT	
n my signature, I certify that the above materiale Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.	
ne Generator site listed above.	/ / Pickup Date	With my signature, delivered without in Signature	I certify that the above named material was cident to the destination listed below.    2   2   9	
ie Generator site listed above.	1 1	Signature	cident to the destination listed below.	
Saura Robinson	/ Pickup Date DESTIN/	Signature	2121 1 90 Delivery Date	
Name:	/ / Pickup Date  DESTINA  Tunica, Inc.	Signature ATION	Cident to the destination listed below.  2121 1 20  Delivery Date  Phone No.: (601) 363-2282	
Name: Trash Hunters USA Of Address:6035 Bowdre Rd. Rob	Pickup Date  DESTINA  Tunica, Inc. insonville, MS	Signature ATION	Cident to the destination listed below.  2121 1 20  Delivery Date  Phone No.: (601) 363-2282	
Name:	DESTINATION OF TUNICA, Inc.	Signature  ATION  38664	Phone No.: (601) 363-2282  Time:	
Name:	DESTINATION OF TUNICA, Inc.	Signature  ATION  38664	Phone No.: (601) 363-2282  Time:	
Name:Trash Hunters USA Of Address:6035 Bowdre Rd. Rob	DESTINATION OF TUNICA, Inc.	Signature  ATION  38664	Phone No.: (601) 363-2282  Time:	



3781749

#### NON-HAZARDOUS WASTE MANIFEST

	GENEF	RATOR	
Name of Distribution I	Danet Mamphia	Waste Generation	SAME
Generator: Defense Distribution I		Location:	
Address: 2163 Airways Blvd.		Address:	
<u>Memphis, TN 38114</u>			
Phone No . (_901) _775-0173		Phone No.: (	
Waste ID Code No. TUN-980700	)2		
Special Handling Instructions and Additiona	I Information.		
Trask Hunters USA of Tunica, Inc. Permit Number: SW-07200104	i59 Ticket Number:		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	18.73	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date
Truck No.:			No.: (601 ) 429-2200
Transporter Name: Matthews Truck	ang		1): DC (Srchaw) 10./State: A 08242
Address: 1340 Gwynn Road		Vehicle License N	m////
Nesbit, MS 38651		Vehicle Certification	
With my signature, I certify that the above n at the Generator site listed above.	naterial was picked up	delivered without	e, I certify that the above named material was incident to the destination listed below.
Signature	Pickup Date	Signature	Delivery Date
	DESTI	NATION	
Site Name: Trash Hunters US	A Of Tunica Inc		Phone No.: (601) 363-2282
One reme. Tradit Hunters Od		00004	CHANG MAN FROM TOWNS TOWNS TO THE
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38004	Time:
Discrepancies:			
Discrepancies:			knowledge, the foregoing is true and accurate
Discrepancies:			

3781750-

	GENE	RATOR		
me of nerator Defense Distribution De	epot, Memphis	Waste Generation Location.	SAME	
dress: 2163 Airways Blvd.				
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ste ID Code No. TUN-9807002		(		
ecial Handling Instructions and Additional In	nformation:			
b Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number.	
SPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Environmental Quality  Actual Quantity	(601) 961-5171 Units	Contains	· *
		Pounds	Container	<del></del>
Dieldrin Contaminated	20.65	☐ Founds	☐ Drum ☑ Truci	`
Soil	20.00	Cu. Yd	☐ Bag ☐ Othe	r
h my signature, I certify that the above name		☐ Cu. Ft.	Volume:	
te law or regulation, is not a hazardous waste at packaged, and is in proper condition for tra	IS CIMILINAM INCLUDED THE 2	KI AF DRU GARIJAANIA A	wata lau, baa baas se	described, classified
nerator Authorized Agent	Signature	cereap		Shipment Date
	TRANSP	ORTER		
ck No.: <u>RM 4</u>		Transporter Phone	No. (601 ) 429-2	200
nsporter Name: <u>Matthews Trucking</u>	1		: RAY Youna	
tress: 1340 Gwynn Road		Vehicle License No./State: Ab 78 79 M 5.  Vehicle Certification: MDOT		
Nesbit, MS 38651	<del></del>			
h my signature, I certify that the above materi he Generator site listed above.	ial was picked up	With my signature, delivered without in	, I certify that the above nationalist in the destination list	amed material was sted below.
Kay Yang	127198			
nature V / O	Pickup Date	Signature	· · · · · · · · · · · · · · · · · · ·	Delivery Date
	DESTINA	ATION		
Name: Trash Hunters USA O			Phone No.: (601) _ 36	3-2282
Address: 6035 Bowdre Rd. Rot	oinsonville, MS	38664	Time:	
crepancies:				
reby certify that the above named material h	as been accepted an	to,the best of my k	nowledge, the foregoing is	true and accurate
ne (print)	C. C wet			7,27,96
2 003016	Signature ()	<del></del> -		Receipt Date
Militar 1 AND	DEN MAN MANAGEMENT		TOTAL TO DATE.	216 96



3781751

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
Phone No.: ( 901 ) 775-0173		Phone No · (	)
Waste ID. Code No. TUN-9807002		· · · · · · · · · · · · · · · · · · ·	
Special Handling Instructions and Additional	Information		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	¶ Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. o	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	21.65	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
and packaged, and is in proper condition for	e as defined by 40 CFR a	261 or any applicable s	state law, has been properly described, classified
rate law or regulation, is not a hazardous waste and packaged, and is in proper condition for	e as defined by 40 CFR a transportation according Signature	261 or any applicable s g to applicable regula	state law, has been properly described, classified
Alate law or regulation, is not a hazardous waste and packaged, and is in proper condition for Generator Authorized Agent	e as defined by 40 CFR a	261 or any applicable sign to applicable regulation to applicable regulation.  Culluf	state law, has been properly described, classified ations.  7 2/ 96 Shipment Date
Truck No RM - 3	e as defined by 40 CFR a transportation according Signature	261 or any applicable sign to applicable regular cultural PORTER	state law, has been properly described, classified ations.  7 9/96  Shipment Date
Truck No PM - 3  Transporter Name: Matthews Trucking was and packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	e as defined by 40 CFR a transportation according Signature	261 or any applicable sign to applicable regulation to applicable regulation.  Culluf	state law, has been properly described, classified ations.  7 9/96 Shipment Date
Truck No PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road	e as defined by 40 CFR a transportation according Signature	261 or any applicable sign to applicable regular control of the co	state law, has been properly described, classified ations.  7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Truck No PM - 3  Transporter Name: Matthews Trucking was and packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	e as defined by 40 CFR a transportation according Signature	261 or any applicable sign to applicable regular control of the co	state law, has been properly described, classified ations.  7 2/ 96 Shipment Date  No.: (601) 429-2200
Truck No PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material packaged, and is not a hazardous waste and proper condition for a hazardous waste and proper condition, is not a hazardous waste and proper condition for a hazardous waste and proper condition for a hazardous waste and proper condition for a hazardous waste and proper condition for a hazardous waste and proper condition for a hazardous waste and packaged, and is in packaged, and is	e as defined by 40 CFR attransportation according	261 or any applicable sign to applicable regular control of the co	state law, has been properly described, classified ations.  7 3/ 96 Shipment Date  No.: (601) 429-2200  a) NFAL  o./State: A 7 8 7  on: MDOT 7 10 8 7
Truck No PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road	e as defined by 40 CFR attransportation according	261 or any applicable sign to applicable regular control of the co	state law, has been properly described, classified ations.  7 9/96 Shipment Date  No.: (601 ) 429-2200  I) NEAL  O./State: A 99  I) Certify that the above named material was incident to the destination listed below.
Truck No PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above main at the Generator site listed above.	e as defined by 40 CFR attransportation according  Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	state law, has been properly described, classified ations.  7 3/ 98 Shipment Date  No.: (601) 429-2200  a) No.: A
Truck No PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mainst the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address:6035 Bowdre Rd. Research and Research Resea	signature  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classified ations.  7 3/96 Shipment Date  No.: (601) 429-2200  no./State: A 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Truck No. PM 3  Truck No. PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address: 6035 Bowdre Rd. Resiscrepancies:	signature  TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  IATION	state law, has been properly described, classified ations.  7 3/96 Shipment Date  No.: (601) 429-2200  1) 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4
Truck No. PM 3  Truck No. PM 3  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address: 6035 Bowdre Rd. Resiscrepancies:	signature  TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  IATION	state law, has been properly described, classified ations.  7 3/96 Shipment Date  No.: (601) 429-2200  a) No.: A N

U3U 17

White -- LANDFILL

Yellow — GENERATOR

 ${\bf Pink -\!\!\!\! - TRANSPORTER}$ 

TOTAL TO DATE: 361.00



3781752

	GENE	RATOR	
Memphis, TN 38114			SAME
ecial Handling Instructions and Additional Info	ormation		
b Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of Er Waste Description	nvironmental Qualit	y (601) 961-5171 Units	Container Type
Dieldrın Contamınated Soil	20.29	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
Matthona Trucking		Transporter Phone Driver Name (print)  Vehicle License No.  Vehicle Certification	: Tommy Kloss  1. State: 4-07875
n my signature, I certify that the above material ne Generator site listed above.	was picked up	With my signature,	I certify that the above named material was cident to the destination listed below.
	ickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: <u>Trash Huriters USA Of</u> Address: 6035 Bowdre Rd. Robin repancies:	nsonville, MS	38664	Phone No.: (601) 363-2282 Time:
e (print)	s been accepted ar		Receipt Date



## USA WASTE SERVICES 3781753 -HCZARDOUS WASTE MANIFEST

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
Name of Generator: Defense Distribution Defenses: 2163 Airways Blvd.  Memphis, TN 38114		Waste Generation Location: Address:	SAME
	2	Phone No.: (	
Special Handling Instructions and Additional I			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number: _		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of Waste Description	f Environmental Qualit Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contamınated Soil	71.34	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
FACK KILLAL Generator Authorized Agent	Signature	l Kulla	7,25,98 Shipment Date
	TDANCE		
	ICANI	PORTER	
ruck No.: RMY	IRANSI		No.: (601 ) 429-2200
		Transporter Phone	no: ( <u>601 ) 429-2200</u> n): Ray Yuung
ransporter Name: Matthews Truckin		Transporter Phone	
ransporter Name: <u>Matthews Truckin</u>		Transporter Phone	1): RAY YUUMS 0./State AU7879
· · · · · · · · · · · · · · · · · · ·	erial was picked up	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	1): RAY YUUMS 0./State AU7879
Transporter Name: Matthews Trucking  Moddress: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate  It the Generator site listed above.	ng	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	o./State: AO7879  on: _MDOT  on: Certify that the above named material wa
Transporter Name: Matthews Trucking  Moddress: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate  It the Generator site listed above.	erial was picked up	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	o./State: AONS 79 on: _MDOT  on: Lorrify that the above named material waincident to the destination listed below.
Transporter Name: Matthews Trucking  Modress: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate	erial was picked up  7,37,98  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	o./State: AONS 79 on: _MDOT  on: Lorrify that the above named material waincident to the destination listed below.

## US US

## USA WASTE SERVICES

3781754

	GENE	RATOR		
me of Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME	
		Address:		
Memphis, TN 38114		<del></del>		
one No ( <u>901</u> ) <u>775-0173</u>		Phone No. (	)	
iste ID Code No TUN-9807002				
ecial Handling Instructions and Additional In	formation.			
th Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number:	
SPONSIBLE AGENCY Mississippi Dept. of			Customer Number.	
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	24.68	☐ Pounds ☐ Tons ☐ Cu Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
te law or regulation, is not a hazardous waste a	u material does not co	ontain tree liquid as de	efined by 40 CFR Part 260.10 or any applicable tate law, has been properly described, classified	
d packaged, and is in proper condition for tra	ansportation according	g to applicable regula	nate law, has been properly described, classified itions.	
STACK Kullal		Kullal	7756	
nerator Authorized Agent	Signature	/ allal	Shipment Date	
	TRANSP	ORTER		
PhO-5				
ck No.:		Transporter Phone	· · · · · · · · · · · · · · · · · · ·	
nsporter Name: Matthews Trucking	<u> </u>	Driver Name (print): Tommy K, Kes		
tress 1340 Gwynn Road	<del></del>	Vehicle License No	o./State: <u>#-07875</u>	
Nesbit, MS 38651		Vehicle Certification	n: <u>MDOT</u>	
h my signature, I certify that the above mater he Generator site listed above.	ial was picked up	With my signature, delivered without in	I certify that the above named material was acident to the destination listed below.	
on Ktoss 7	25,000		7.25.0	
nature	Pickup Date	Signature	Delivery Date	
	DESTINA	ATION		
Name: Trash Hunters USA O	f Tunica Inc			
Address: 6035 Bowdre Rd. Rot		38664	Phone No.: (601) 363-2282	
crepancies:	<u> </u>		Time:	
	use boon accepted			
g - C - T -	as peen accepted an	a to the best of my k	nowledge, the foregoing is true and accurate	
ne (print)	Signature		Receipt Date	
2 003020	,			
White — LAN	OFILL Yellow — GENE	RATOR Pink — TRANS	SPORTER TOTAL TO DATE: 426.83	



3781755

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
Name of Generator: Defense Distribution		Waste Generation Location:	SAME	
Address. 2163 Áirways Blvd.		Address:		
Memphis, TN 38114				
Phone No.: (901) 775-0173		Phone No.: (	)	
Waste ID. Code No.: TUN-980700	02			
Special Handling Instructions and Additional	al Information.			
Trash Hunters USA of Tunica, Inc. Permit Number SW-07200104	159 Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	y (601) 961-5171		
Waste Description	<b>Actual Quantity</b>	Units	Container Type	
Dieldrin Contaminated Soil	19.81	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature		Shipment Date	
040	TRANSP	ORTER		
Truck No.: $RN-3$		Transporter Phone	No.: (4601 ) 429-2200	
Transporter Name: <u>Matthews Truck</u>	ing	Oriver Name (print): William O'ngoil Vehicle License No./State: A 0 19		
Address: 1340 Gwynn Road				
Nesbit, MS 38651		Vehicle Certification: MDOT 490277		
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	With my signature delivered without i	e, I certify that the above named material was incident to the destination listed below.	
William ( I Was	7 237 198		, ,	
Signature	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Site Name: <u>Trash Hunters US</u>	A Of Tunica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd.		38664		
Discrepancies:			Time:	
	rial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate	
6-6-ff.	(9-(7	and the second strip	Tell 77 9	
Name (print)	Signature	///	Receipt Date	
Nº 003021	- LANOFILL Yellow — GEN	ERATOR Pink TRAI	NSPORTER TOTAL TO DATE: 402.15	



## USA WASTE SERVICES

	GEN	ERATOR		
me of nerator: Defense Distribution De		Waste Generation Location:	SAME	
dress 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ste ID. Code NoTUN-9807002		<u> </u>		
ecial Handling Instructions and Additional Ir	nformation:			
h Humbers IICS of Tunner Ive Damis March - CM ATTARABATION	Ticket Number	49856		9
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459			Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept of Waste Description	Environmental Qual Actual Quantity	ty (601) 961-5171 <b>Units</b>	Container	Туре
Dieldrın Contaminated Soil	21.03	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:	
TACK Kallel  nerator Authorized Agent	Signature	Kullal		7,75 Shipment Date
	TRANS	PORTER		
ck No.: <u>RM4</u>	<u> </u>	Transporter Phone	No.: (601) 429-2	200
nsporter Name: <u>Matthews Trucking</u>	]	Driver Name (print): Ray Young		
tress: 1340 Gwynn Road		Vehicle License No./State: ADTSTG		
Nesbit, MS 38651		Vehicle Certification: MDOT		
h my signature, I certify that the above mater he Generator site listed above.	rial was picked up	With my signature	, I certify that the above na ncident to the destination lis	med material was
Pau yours -	7127198			
nature 0 )	Pickup Date	Signature		Delivery Date
	DESTI	NATION		·
Name: Trash Hunters USA C		00004	Phone No.: (601) _36	3-2282
Address: 6035 Bowdre Rd. Rol	/	38664	Time:	
crepancies:	,		<u> </u>	
reby certify that the above named material I	_Dans	ynd to the best of my l	knowledge, the foregoing is	true and accurate.
ne (print)	Signature			Receipt Date
2 003022	NOE!!		TOTAL TO DATE:	147 61



#### NON-HAZARDOUS WASTE MANIFEST

		GENE	RATOR			
Name of Generator:	Defense Distribution De	pot, <b>M</b> emphis	Waste Generation Location.	SAME		
Address:	dress 2163 Airways Blvd.		Address:			
	Memphis, TN 38114					
Phone No.:	( 901 <sub>)</sub> 775-0173		Phone No.: (	)		
	ode No. TUN-9807002					
	ndling Instructions and Additional In		<u></u>			
Trash Hunters US.	A of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number	,	
RESPONSIB	BLE AGENCY: Mississippi Dept of	Environmental Qualit	y (601) 961-5171			
	Waste Description	Actual Quantity	Units	Contain	er Type	
Dielo	drın Contaminated Soil	.6.67	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Tru ☐ Carton ☐ Bos ☐ Bag ☐ Oth Volume	<del>-</del>	
Generator A	uthorized Agent	Signature			Shipment Date	
	<b>7</b>	TRANSF	ORTER			
Truck No.: Ź	Y/V) - 3		Transporter Phone	No.: (601) 429	2200	
Transporter (	Name: Matthews Trucking	1	Driver Name (print)	William	Oneal	
Address:	1340 Gwynn Road		Vehicle License No./State A D 78			
	Nesbit, MS 38651		Vehicle Certification	n: <u>мрот 490</u>	2?7	
	nature, I certify that the above mate	rial was picked up	With my signature,	I certify that the above	named material was	
Signature	lian Orgal	7 27 ,98 Pickup Date	Signature	- Dod	7,27,9 \ Delivery Date	
		DESTIN	IATION		•	
Site Name:	Trash Hunters USA (	of Tunica Inc		<b>5</b>		
Site Address	COOF D D. D.		38664	Phone No.: (601)		
_		<u> </u>		Time:		
screpancie		hh				
Name (print)	tify that the above named material	(5-	rid to the best of my i	knowledge, the foregoing	1,27,99	
** ,	, 302 <b>3</b>	Signature		ſ <del></del>	Receipt Date	
14- 00	Whate — LA	NDFILL Yellow — GEN	SERATOR Pink — TRAN	SPORTER TOTAL TO DAT	E:482.32	



## USA WASTE SERVICES

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
me of nerator. Defense Distribution Dep	ot, Memphis	Waste Generation Location	SAME
dress: 2163 Airways Blvd. Memphis, TN 38114			- O/ MIL
		700/033. <u></u>	
one No. (_901_) 775-0173	<del></del>	Phone No. /	
ste ID Code No TUN-9807002		Friorie 140 (	)
ecial Handling Instructions and Additional Info	rmation		
b Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept of En	vironmental Qualit	y (601) 961-5171	
	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	17.59	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
perator Authorized Agent	Signature	1 × calla	Shipment Date
$\rho$	TRANSP	ORTER	
esk No/CMS esporter Name:Matthews Trucking ress:1340 Gwynn Road			: Tonmyk Poss ./State: H-078
Nesbit, MS 38651	<del></del>	Vehicle Certification	i: <u>MDOT</u>
Nesbit, MS 38651  I my signature, I certify that the above material are Generator site listed above.	was picked up	With my signature,	n: MDOT  I certify that the above named material was cident to the destination listed below.
i my signature, I certify that the above material le Generator site listed above	was picked up	With my signature,	I certify that the above named material wa
my signature, I certify that the above material se Generator site listed above	27,98	With my signature, delivered without in Signature	I certify that the above named material waterident to the destination listed below.
i my signature, I certify that the above material le Generator site listed above	ckup Date  DESTIN	With my signature, delivered without in Signature	I certify that the above named material was cident to the destination listed below.

TOTAL TO DATE: 465.45



GEN	IERATOR		
Name of Generator. Defense Distribution Depot, Memphis	Waste Generation Location SAME		
Address. 2163 Airways Blvd.	Address		
Memphis, TN 38114			
Phone No. (901) 775-0173	Phone No. ()		
Waste ID. Code No.: TUN-9807002	( )		
Special Handling Instructions and Additional Information.			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ticket Number:	Customer Number:		
RESPONSIBLE AGENCY: Mississippi Dept of Environmental Qua Waste Description Actual Quantity	Units Container Type		
Dieldrin Contaminated Soil	□ Pounds         □ Drum         ☑ Truck           ☑ Tons         □ Carton         □ Box           □ Cu. Yd.         □ Bag         □ Other:           □ Cu. Ft.         Volume:		
Generator Authorized Agent Signature	Shipment Date		
) in an	SPORTER		
Truck No.:	Transporter Phone No : (601) 429-2200		
Transporter Name: Matthews Trucking	Driver Name (print):		
Address: 1340 Gwynn Road	Vehicle License No./State:		
Nesbit, MS 38651	Vehicle Certification: _MDOT		
With my signature, I certify that the above material was picked up at the Generator site listed above.	With my signature, I certify that the above named material and delivered without incident to the destination listed below.		
Signature Pickup Date	Signature J / / Delivery Date		
DEST	rination		
Site Name: Trash Hunters USA Of Tunica, Inc.	Phone No.: (601) 363-2282		
Site Address: 6035 Bowdre Rd. Robinsonville, M			
Discrepancies:			
· · · · · · · · · · · · · · · · · · ·	d and to the best of my knowledge, the foregoing is true and accur		
bolondt in	Gall 7,06,0		
Name (print) Signature	Receipt Date		
Nº 003025 White - LANDFILL Vellow - C	GENERATOR PINK - TRANSPORTER TOTAL TO DATE: 533.17		

### 3781760



# USA WASTE SERVICES

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location	SAME
tress. 2163 Airways Blvd.		Address	
Memphis, TN 38114			
one No. (_901_) _775-0173		Phone No (	
ste ID Code No TUN-9807002			
ecial Handling Instructions and Additional In	formation	-	
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		
			Customer Number:
SPONSIBLE AGENCY Mississippi Dept of E Waste Description	environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Container Time
Dieldrin Contamınated Soil	32.02	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	Container Type  Drum I Truck Carton Box Bag Dther: Volume:
nerator Authorized Agent	Signature	PORTER	Shipment Date
k No.: R m 7			
sporter Name: Matthews Trucking	<del></del>	,	No.: (601 ) 429-2200
ress: 1340 Gwynn Road	<del></del>		: JACKIE YOUNT
Nesbit, MS 38651	-		1./State: <u>A07881 m5</u>
my signature, I certify that the above materia	el was picked us	Vehicle Certification	
achie Generator site listed above.	1,28,98	delivered without in	I certify that the above named material was icident to the destination listed below.
ature	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA Of	Tunica, Inc.		Phone No. ( OO4)
Address: 6035 Bowdre Rd. Rob		38664	Phone No.: (601) 363-2282
epancies:			Time:
eby certify that the above named material ha	as been accepted ar	id to the best of my ki	nowledge, the foregoing is true and accurate.
	-	aff	7 28 ,98
	Signature		Receipt Date
003026 White — LAND	Signature FILL Willow - GENE	RATOR PINK TO AND	Receipt Date: 514 7



3781761

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		12
Name of Generator Defense Distribution Depot, Mo		Waste Generation Location	SAME	
Address 2163 Airways Blvd.		Address:		<del></del>
Memphis, TN 38114				<del></del>
Phone No . (_901)775-0173		Phone No . (	)	
Waste ID. Code No :TUN-9807002				
Special Handling Instructions and Additional Information				
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ticket	Number		Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept of Environm  Waste Description Actual	ental Qualit	y (601) 961-5171 <b>Units</b>	Contair	ег Туре
Dieldrin Contaminated Soil	.68	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum      Tru ☐ Carton ☐ Bo ☐ Bag ☐ Ot Volume:	her
Generator Authorized Agent Signation	TRANSF	Kallef		Shipment Date
	INANOF	ORIER		
Truck No.: KM		Transporter Phone	$\sim$	-2200
Transporter Name <u>Matthews Trucking</u>		Driver Name (print)		
Address: 1340 Gwynn Road		Vehicle License No	o./State: <u>+0787</u>	9
Nesbit, MS 38651		Vehicle Certification	n: _MDOT	
With my signature, I certify that the above material was p at the Generator site listed above.			I certify that the above noident to the destination	
Signature Pickup I	Date	Signature	- <sub>ID</sub>	J J Delivery Date
	DESTIN	ATION		
Site Name: Trash Hunters USA Of Tuni	ca Inc		Phone No.: (601)	262 2202
Site Address 6035 Bowdre Rd. Robinson				303-2262
Riscrepancies.	<del></del>		Tutto	
hereby certify that the above named material has been	accerited a	and to the hest of my l	knowledge the forescien	s is true and society
G. GRIFFIN		- inc bost of fifty	www.ananda' ma madomi	
Name (print) Signat	ure ///			Receipt Date
Nº 003027	Yellow — GEI	NERATOR PINK — TRAM	ISPORTER TOTAL TO DA	re:551.40

### 3781762



### USA WASTE SERVICES

	GENE	RATOR	
me of nerator: <u>Defense Distribution De</u> tress: <u>2163 Airways Blvd.</u> <u>Memphis, TN 38114</u> one No. ( <u>901</u> ) <u>775-0173</u> ste ID Code No. <u>TUN-9807002</u>	pot, Memphis		SAME
∋cial Handling Instructions and Additional In	formation:		
b Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number
SPONSIBLE AGENCY Mississippi Dept of I Waste Description	Environmental Qualit Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soil	19.01	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	1 Nall 1	Shipment Date
Oct. 2	TRANSP	ORTER	
k No.: A 1 - 3			
- · · · —	··· <del>·</del>	Transporter Phone	
	··· <del>·</del>	Driver Name (print)	William NEAL
ress: 1340 Gwynn Road	··· <del>·</del>	Driver Name (print)	
ress: 1340 Gwynn Road Nesbit, MS 38651		Driver Name (print)	): \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
ress: 1340 Gwynn Road  Nesbit, MS 38651  make my signature, I certify that the above material		Driver Name (print) Vehicle License No Vehicle Certification With my signature,	o./State: A 0 7 8 7 7  n: MDOT 49007
Nesbit, MS 38651  my signature, I certify that the above materiale Generator site listed above.		Driver Name (print) Vehicle License No Vehicle Certification With my signature,	n: MDOT 49007 1 1 certify that the above named material was neident to the destination listed below.
Nesbit, MS 38651  my signature, I certify that the above materiale Generator site listed above.	al was picked up	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	n: MDOT 4970070  I certify that the above named material was necident to the destination listed below.
Nesbit, MS 38651  my signature, I certify that the above material de Generator site listed above.	al was picked up  122 194  Pickup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	o./State: A 0 7 8 7 7  n: MDOT 49007  I certify that the above named material was neident to the destination listed below.  Delivery Date
Nesbit, MS 38651  In my signature, I certify that the above materiale Generator site listed above.  Name:	al was picked up  122 192 Pickup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Delivery Date  N. State: A 0 7 8 7 7  n: MDOT 49007 7  n: description of the destination listed below.  Delivery Date
Nesbit, MS 38651  In my signature, I certify that the above material de Generator site listed above.  Name:	al was picked up  122 192 Pickup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	o./State: A 0 7 8 7 7  n: MDOT 49007  I certify that the above named material was neident to the destination listed below.  Delivery Date
Nesbit, MS 38651  In my signature, I certify that the above material defensator site listed above.  Name:	al was picked up  122   94  Pickup Date  DESTIN  Tunica, Inc.  pinsonville, MS	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Delivery Date    Continue   A D 7 8 7 7
Nesbit, MS 38651  In my signature, I certify that the above material has been signature.  Name: Trash Hunters USA Of Address: 6035 Bowdre Rd. Rob repancies.  The property of the property of	al was picked up  122   94  Pickup Date  DESTIN  Tunica, Inc.  pinsonville, MS	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Delivery Date    Continue   A D 7 8 7 7
Nesbit, MS 38651  In my signature, I certify that the above material regenerator site listed above.  Name:	al was picked up  122   94  Pickup Date  DESTIN  Tunica, Inc.  pinsonville, MS	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Delivery Date    State: A 0 7 8 7 7



3781763

		GENE	RATOR	
Name of Generator.	Defense Distribution De	epot, Memphis	Waste Generation Location:	SAME
Address	2163 Airways Blvd.		Address	
	Memphis, TN 38114		·	
Phone No.	(901) 775-0173		Phone No.: (	
Waste ID. C	ode NoTUN-9807002		·	
Special Han	ndling Instructions and Additional I	nformation:		
Trash Hunters US	A of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
RESPONSIB	BLE AGENCY: Mississippi Dept. of	Environmental Quality	y (601) 961-5171	
	Waste Description	Actual Quantity	Units	Container Type
Dielo	drın Contaminated Soil	19.90	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
		TRANSP	ORTER	Shipment Date
Truck No.: _			Transporter Phone	No.: (601) 429-2200
Transporter I	Name: Matthews Truckin	g		: Joe Graham
Address:	1340 Gwynn Road		Vehicle License No	14 14 14 14 14 14 14 14 14 14 14 14 14 1
	Nesbit, MS 38651		Vehicle Certification	21111672
With my sign at the Gener	nature, I certify that the above mate rator site listed above.	rial was picked up	With my signature,	, I certify that the above named material was noident to the destination listed below.
Signature		Pickup Date	Signature Signature	7 1 27 1 9 8 Delivery Date
		DESTIN	ATION	
Site Name:	Trash Hunters USA (	Of Tunica Inc		
Site Address	2005 5		38664	Phone No.: (601) 363-2282
<u> D</u> iscrepancie	C 73 //		• 0 1	Time:
		K-12	<u> </u>	
THOUSE COM	wy diarripragove named material	nas been accepted ar	nd to the best of my i	knowledge, the foregoing is true and accurate
Name (print)		Signature - (	5-1/	Receipt Date
<b>N</b> º 003	3029 White — LA	NOFILL Yellow — GENE	ERATOR PINK — TRAN	TOTAL TO DATE: FCA 2/

3781764

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of nerator: Defense Distribution Determined Defense Distribution Defe	epot, Memphis	Waste Generation Location:	
Memphis, TN 38114		Address:	
one No. (901) 775-0173			
ste ID Code No.:TUN-9807002		Phone No. (	
acial Handling Instructions and Additional li			
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number: _	4986	Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Qualit	ty (601) 961-5171	•
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	18.17	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Terator Authorized Agent	Signature / TRANSI	PORTER	Shipment Date
ck No: GT-9			004
sporter Name: Matthews Trucking		Transporter Phone	
ress: 1340 Gwynn Road	1	Driver Name (print)	,
Nesbit, MS 38651		Vehicle License No	.077
my signature, I certify that the above mater	riel was picked up	Vehicle Certification	
ne Generator site listed above.	ilai was picked up	delivered without/ir	, I certify that the above named material was noticent to the destination listed below.
		De Dicke	~ J,27,58
nature	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	
Name:Trash Hunters USA C	of Tunica Inc		Phone No. ( 204 ) 200 0000
Address: 6035 Bowdre Rd. Ro		38664	Phone No.: (601) 363-2282
repancies:		<u> </u>	Time:
·	has been accerted a	nd to the heet of my b	knowledge, the foregoing is true and accurate
ares artin	La. Gal	1.9 to the peat of the k	_
ne (print)	Signature ///		7,28,58 Receipt Date
2 003030 White — LA	NOFILL Voltow — GEN	ERATOR PINK — TRANS	SPORTER TOTAL TO DATE: 608.48

Pink - TRANSPORTER



3781765

### NON-HAZARDOUS WASTE MANIFEST

<del></del>		GENE	RATOR	1/2
Name of Generator:	Defense Distribution	Depot, Memphis	Waste Generation Location	SAME
Address:	2163 Airways Blvd.			
	Memphis, TN 38114		, 10,000	
Phone No.: (	(901) 775-0173		Phone No. (	
Waste ID. Co	TUN 00070		11101101140. (	
	dling Instructions and Addition	al Information:		
Trash Hunters USA	A of Tunica, Inc. Permit Number SW-0720010	459 Ticket Number		Customer Number
	LE AGENCY: Mississippi Dept Waste Description	of Environmental Quality  Actual Quantity	(601) 961-5171 Units	Container Type
Dielo	drin Contamınated Soil	18.56	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator At	uthorized Agent	Signature		Shipment Date
	r 01	TRANSP	OHIER	
Truck No.: _	G1 - Y		Transporter Phone	No ( <u>601</u> ) <u>429-2200</u>
•	Name: <u>Matthews Truck</u>	king	Driver Name (print	, ,
Address:	1340 Gwynn Road		Vehicle License No	
!	Nesbit, MS 38651	<u> </u>	Vehicle Certification	on: MDOT 744970
With my sign at the Gener	nature, I certify that the above materials also also also also also also also a	naterial was picked up	With my signature delivered without i	e, I certify that the above named material wancident to the destination listed below.
Signature	1350, 21	/ / Pickup Date	Signature Signature	ファマッラ8 Delivery Date
		DESTIN	b .	Delivery Date
			ATION	
Site Name: _			20001	Phone No.: (601) 363-2282
Site Address	6035 Bowdre Rd.	Robinsonville, MS	38664	Time:
screpancie				
<u> </u>	ify that the above named mate	rial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accura
Name (print)	2021	Signature	//	Receipt Date
<b>№</b> 003	3031 White	- LANDFILL Yellow GEN	ERATOR Pink — TRAI	NSPORTER TOTAL TO DATE: 7/1.14



	GENE	RATOR	
	Depot, Memphis	Waste Generation Location:	SAME
Memphis, TN 38114			
one No. (_901_)_775-0173		Phone No.: (	)
ste ID. Code No :TUN-980700:	2		
ecial Handling Instructions and Additional	Information:		
a Hunters USA of Tunica, Inc. Permit Number: SW-072001045:	Ticket Number		Customer Number:
SPONSIBLE AGENCY. Mississippi Dept. o	of Environmental Qualit	v (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	19.95	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
TACK Kallal	transportation accordin	ZNI OLBOV BUDIKANIA 6	etata law hac haan membadu dasa-ibadi atau ir
- with a read a read of the re	7 43 UUNNUU DV 40 LIPH 2	g to applicable regula	etata law hac haan membadu dasa-ibadi atau ir
packaged, and is in proper condition for  ACK Kallal  erator Authorized Agent	transportation according Signature	porter	state law, has been properly described, classifiations.    12519  Shipment Date
packaged, and is in proper condition for the Kallal erator Authorized Agent	transportation according Signature	ransporter Phone	state law, has been properly described, classifiations.  Shipment Date  No.: (601) 429-2200
packaged, and is in proper condition for the kala la la la la la la la la la la la la	transportation according Signature	PORTER  Transporter Phone Driver Name (print)	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200
packaged, and is in proper condition for Serator Authorized Agent  k No.: PM - 3  sporter Name: Matthews Truckinges: 1340 Gwynn Road	transportation according Signature	PORTER  Transporter Phone Driver Name (print)	state law, has been properly described, classifiations.  Shipment Date  No.: (601) 429-2200
packaged, and is in proper condition for  Lack Kallal erator Authorized Agent  k No.: PM - 3 sporter Name: Matthews Truckinges: 1340 Gwynn Road  Nesbit, MS 38651	transportation according Signature TRANSP	PORTER  Transporter Phone Driver Name (print)	state law, has been properly described, classifiations.  Shipment Date  No.: (601 ) 429-2200  Discontinuous Applications A
packaged, and is in proper condition for Serator Authorized Agent  k No.: PM - 3  sporter Name: Matthews Truckinges: 1340 Gwynn Road	transportation according Signature TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Wehicle Certification With my signature,	state law, has been properly described, classifications.
packaged, and is in proper condition for    Continued Agent	transportation according Signature TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Wehicle Certification With my signature,	state law, has been properly described, classifiations.  Shipment Date  No.: (601 ) 429-2200  Discontinuous Applications A
erator Authorized Agent  k No.:  Matthews Trucking Matthews Trucking Matthews Trucking Matthews Trucking Matthews Trucking Matthews Matthe	TRANSP  TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  No.: (401 ) 429
erator Authorized Agent  k No.:  Matthews Trucking Matthews Trucking Matthews Trucking Matthews Trucking Matthews Trucking Matthews Matthe	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282
packaged, and is in proper condition for the following proper condition for the follow	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Shipment Date  O./State: A 0 2 7 7  O./State: A 0 2
packaged, and is in proper condition for  Land Land Land Land Land Land Land Land	TRANSP  TRANSP  TRANSP  OF Tunica, Inc.  Obinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  No.: MDOT / 977  In: MDOT / 977  In: MDOT / 977  Delivery Date  Phone No.: (601) 363-2282  Time:
packaged, and is in proper condition for  Land Land Land Land Land Land Land Land	TRANSP  TRANSP  TRANSP  OF Tunica, Inc.  Obinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282



3781767

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address:	-
Memphis, TN 38114			
Phone No (901) 775-0173		Phone No. (	
Waste ID. Code No.: TUN-9807002		•	,
Special Handling Instructions and Additional In	formation		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Tinket Miller		0
			Customer Number.
RESPONSIBLE AGENCY Mississippi Dept. of Waste Description	Environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soil	20.91	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu Ft	☐ Drum   ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other
Generator Authorized Agent	Signature	AKIIII	Shipment Date
Dm.I	ITANGE	ORIEN	
•	<del></del>	Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>
Transporter Name: Matthews Trucking	1	Driver Name (print)	KAYYWYS
Address: 1340 Gwynn Road		Vehicle License No	o./State: <u>AO 78 79</u>
Nesbit, MS 38651		Vehicle Certification	n: MDOT
With my signature, I certify that the above mate at the Generator site listed above.	rial was picked up	With my signature, delivered without in	, I certify that the above named material was neident to the destination listed below.
Kan yon 7	128,98		
Signature 0 /	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	***
Site Name:Trash Hunters USA (	Of Tunion Inc		
000=			Phone No.: (601) 363-2282
			Time:
Siscrepancies.			·
(0-10/1+10-	has been accepted a	nd to the best of my I	knowledge, the foregoing is true and accurate.
Name (print)	Signature		Receipt Date
Nº 003033	NOFILL Yellow — GEN	IERATOR Pink — TRAN	ISPORTER TOTAL TO DATE: (70.0)



#### **NON-HAZARDOUS WASTE MANIFEST**

——————————————————————————————————————	ERATOR	
me of nerator: Defense Distribution Depot, Memphis dress: 2163 Airways Blvd.		
Memphis, TN 38114	Address	
one No.: ( 901 ) 775-0173		
ste ID Code No TUN-9807002	Phone No.: (	
ecial Handling Instructions and Additional Information		
b Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ticket Number		Customer Number:
SPONSIBLE AGENCY. Mississippi Dept of Environmental Qua	lity (601) 961-5171	
Waste Description Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☒ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent Signature	1 / Welly	Shipment Date
Din C	SPORTER	
ck No	Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>
nsporter Name: Matthews Trucking	Driver Name (print	Tomm 1/ Poss
		/ <del>// / // // // // // // // // // // //</del>
	Vehicle License No	o./State: A-107875
Nesbit, MS 38651	Vehicle License No Vehicle Certificatio	/ · · · · · · · · · · · · · · · · · · ·
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.	Vehicle Certificatio With my signature	/ · · · · · · · · · · · · · · · · · · ·
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  The state of the s	Vehicle Certificatio With my signature	n: MDOT  I certify that the above named material wancident to the destination listed below.
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  The property of the state of th	Vehicle Certificatio With my signature delivered without in	n: MDOT
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  The property of the state of th	Vehicle Certificatio With my signature delivered without in Signature	n: MDOT  I certify that the above named material wancident to the destination listed below.
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  Pickup Date  DESTI  Name: Trash Hunters USA Of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS  crepancies:	Vehicle Certificatio With my signature delivered without in Signature INATION	pn: _MDOT
Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  Pickup Date  DESTI  Name: Trash Hunters USA Of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS	Vehicle Certificatio With my signature delivered without in Signature INATION	Phone No.: (601)363-2282  Time:

TOTAL TO DATE: 629.15



3781763

### NON-HAZARDOUS WASTE MANIFEST

	GENEI	RATOR		
Name of Generator: Defense Distribution D	Depot, Memphis	Waste Generation Location	SAME	
Address. 2163 Airways Blvd.	<del></del>	Address:		
Memphis, TN 38114		***		<del></del>
Phone No · ( 901 ) 775-0173	<u> </u>	Phone No.: (		
Waste ID. Code No. TUN-980700	2			
Special Handling Instructions and Additional	Information:			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-072001045	§ Ticket Number		Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container 1	ype
Dieldrın Contamınated Soil	22.57	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume	
Generator Authorized Agent	Signature TRANSF	PORTER		Shipment Date
Truck No. Rm - 1			N= 4601 × 420 23	200
Transporter Name Matthews Trucki		Transporter Phone	<u> </u>	_
Address 1340 Gwynn Road		Driver Name (print	27061	m5
Nesbit, MS 38651		Vehicle License No Vehicle Certification		14/2
With my signature, I certify that the above me at the Generator site listed above.	aterial was picked up	With my signature	n, I certify that the above na incident to the destination list	
Signature Great	7,28,98	-		1 1
Signature	Pickup Date	Signature		Delivery Date
,	DESTIN	IATION		
Site Name: <u>Trash Hunters USA</u> Site Address: 6035 Bowdre Rd. F		38664	Phone No.: (601) 36	3-2282
Discrepancies:				
hereby certify that the above named materi	al has been accepted a	nd to the best of my	knowledge, the foregoing is	
Name (print)	Signature	~	•	7,78,46
Nº 003035	Oilliannia	· /		Receipt Date

White -- LANOFILL

Yellow -- GENERATOR

Pink — TRANSPORTER

TOTAL TO DATE: 697-58



	GENE	RATOR		
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME	
		Address:		
Memphis, TN 38114				
one No: (_901_) _775-0173		Phone No.: (		
ste ID. Code No.: TUN-9807002		(		
ecial Handling Instructions and Additional In	formation:		·	
Hunters USA of Tunica, Inc. Permit Number; SW-0720010459			Customer Nu	imper
SPONSIBLE AGENCY. Mississippi Dept of E	Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units		Container Type
Dieldrin Contaminated Soil	9.91	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu Ft.	☐ Drum☐ Carton☐ Bag	☑ Truck ☐ Box ☐ Other:
a my signature, I certify that the above named law or regulation, is not a hazardous waste as packaged, and is in proper condition for tra	3 40111164 114 441 (.PM .	TO I OF SIDV SIDDIMADIA A	#^*A   A   A   A   A   A   A   A   A   A	properly described, classified
packaged, and is in proper condition for tra	Insportation according	g to applicable regula	#^*A   A   A   A   A   A   A   A   A   A	Shipment Date
packaged, and is in proper condition for tra	Signature  TRANSP	of or any applicable so to applicable regulation of the control of	tate law, has been ations.	Shipment Date
packaged, and is in proper condition for tra	Signature  TRANSP	of or any applicable so to applicable regular solutions of the solution of the	No.: (601)	Shipment Date 429-2200
packaged, and is in proper condition for tra  THELLIA (())  erator Authorized Agent  k No.:	Signature  TRANSP	ORTER  Transporter Phone  Oriver Name (print)	No.: (601)	Shipment Date  429-2200
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  k No.: My  sporter Name. Matthews Trucking  ess: 1340 Gwynn Road	Signature  TRANSP	ORTER  Transporter Phone  Oriver Name (print)	No.: (601)	Shipment Date 429-2200
packaged, and is in proper condition for tra  THELLIA  Berator Authorized Agent  K No.: My  Sporter Name. Matthews Trucking  Bess: 1340 Gwynn Road  Nesbit, MS 38651	Signature  TRANSP	ORTER  Transporter Phone  Oriver Name (print)	No.: (601)  Pay Your Control of the control of the	Shipment Date  429-2200
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  k No.: My  sporter Name. Matthews Trucking  ess: 1340 Gwynn Road	Signature  TRANSP	ORTER  Transporter Phone  Driver Name (print)  Vehicle License No  Vehicle Certification  With my signature,	No.: (601)  No.: (601)  No.: (MDOT)  I certify that the	Shipment Date  429-2200
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  K No.:	Signature  TRANSP	ORTER  Transporter Phone  Driver Name (print)  Vehicle License No  Vehicle Certification  With my signature,	No.: (601)  No.: (601)  No.: (MDOT)  I certify that the	Shipment Date  429-2200
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  K No.:	Signature  TRANSP  all was picked up	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601)  No.: (601)  No.: (MDOT)  I certify that the	Shipment Date  429-2200  429-2200  above named material was stination listed below.
packaged, and is in proper condition for tra  THELLIA  Berator Authorized Agent  K No.: Matthews Trucking  Sporter Name. Matthews Trucking  Bess: 1340 Gwynn Road  Nesbit, MS 38651  The Generator site listed above.  Ray Yours  Stature	Signature  TRANSP  al was picked up  130 198  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in  Signature	No.: (601)  No.: (601)  No.: MOOT  I certify that the design of the desi	Shipment Date  429-2200  2579  above named material was stination listed below.
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  No.: Matthews Trucking  sporter Name. Matthews Trucking  ess: 1340 Gwynn Road  Nesbit, MS 38651  my signature, I certify that the above material  e Generator site listed above.  Ray Yours  ature  Trash Hunters USA Of	TRANSP  TRANSP  al was picked up  730 /98  Pickup Date  DESTINA	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 )	Shipment Date  429-2200  429-2200  above named material was stination listed below.  Delivery Date
packaged, and is in proper condition for tra  THELLIA  erator Authorized Agent  No.:	TRANSP  TRANSP  al was picked up  730 / 95  Pickup Date  DESTINA  Tunica, Inc. insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 )	Shipment Date  429-2200  2579  above named material was stination listed below.
packaged, and is in proper condition for tra  The Land Agent  R No.:	TRANSP  TRANSP  All was picked up  130 198  Pickup Date  DESTINATION INC.  Insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 )  No.: (601 )  Ray Your State: AD To the description of the	Shipment Date  429-2200  429-2200  above named material was stination listed below.  Delivery Date
packaged, and is in proper condition for tra  The Land Agent  R No.:	TRANSP  TRANSP  All was picked up  130 198  Pickup Date  DESTINATION INC.  Insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 )  No.: (601 )  Ray Your State: AD To the description of the	Shipment Date  429-2200  429-2200  above named material was stination listed below.  Delivery Date
packaged, and is in proper condition for tra  The Land Agent  R No.:	TRANSP  TRANSP  All was picked up  130 198  Pickup Date  DESTINATION INC.  Insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 )  No.: (601 )  Ray Your State: AD To the description of the	Shipment Date  429-2200  429-2200  above named material was stination listed below.  Delivery Date



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution [ Address 2163 Airways Blvd.  Memphis, TN 38114		Waste Generation Location: Address:	SAME
Phone No. (901) 775-0173		Phone No. (	)
Waste ID. Code No.: TUN-980700	)2		
Special Handling Instructions and Additiona	I Information		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-07200104	59 Ticket Number		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept.		y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	14.09	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
and packaged, and is in proper condition to	te as defined by 40 CFR: r transportation according	261 or any applicable :	state law, has been properly described, classifie ations.
state law or régulation, is not a hazardous was and packaged, and is in proper condition fo	te as defined by 40 CFR:	261 or any applicable : ag to applicable regula	state law, has been properly described, classifie
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo	te as defined by 40 CFR or transportation according Signature	261 or any applicable : ag to applicable regula	state law, has been properly described, classifie lations.  Shipment Date
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo	ste as defined by 40 CFR: r transportation according Signature TRANSE	261 or any applicable sign to applicable regulations and applicable regulations.	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo  SACK / (a./ Generator Authorized Agent  Truck No.:	ste as defined by 40 CFR: r transportation according Signature TRANSE	261 or any applicable rigid to applicable regulation of the Porter Phone	state law, has been properly described, classifie lations.  Shipment Date  No.: (601 ) 429-2200
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo  SHCK / (a./ Generator Authorized Agent  Truck No.:	ste as defined by 40 CFR: r transportation according Signature TRANSE	261 or any applicable sign to applicable regulation applicable regulation.  PORTER  Transporter Phone  Driver Name (print	state law, has been properly described, classifie lations.  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo SFCK / La. / Generator Authorized Agent  Truck No.: Matthews Truck  Address: 1340 Gwynn Road	r transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	state law, has been properly described, classifie lations.  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date
State law or régulation, is not a hazardous was and packaged, and is in proper condition fo  SHCK / (a./  Generator Authorized Agent  Truck No.: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material states and services are services and services and services and services and services and services and services and services and services are services and services and services and services and services are services and services and services and services are services and services and services are services and services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services are services and services are services and services are services are services and services are services are services are services and services are services are services are services and services are services are services are services are services	r transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200  No.: State: A DEA 42  On: MDOT 744970  Page 1 certify that the above named material was
State law or régulation, is not a hazardous was and packaged, and is in proper condition for the following of the following o	ing  Pickup Date	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without	state law, has been properly described, classifie lations.  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (501) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  On: MDOT 744970  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date
State law or régulation, is not a hazardous was and packaged, and is in proper condition for the following of the following o	TRANSI  TRANSI  ing  Pickup Date  DESTINATION  Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without	state law, has been properly described, classifie lations.  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (501) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  On: MDOT 744970  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date  No./State: A 06242  Shipment Date
State law or régulation, is not a hazardous was and packaged, and is in proper condition for the following of the following o	TRANSI  TRANSI  Ing  aterial was picked up  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature  IATION	state law, has been properly described, classifie lations.  Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: (501 ) 429-2200  No.: MDOT 744970  E. I certify that the above named material was incident to the destination listed below.  7/30/98  Delivery Date

White - LANDFILL

Yellow -- GENERATOR

Pink -- TRANSPORTER

TOTAL TO DATE: 135.14

# Û

### USA WASTE SERVICES

3781772

		RATOR	
me of Defense Distribution Depot, Memphis dress: 2163 Airways Blvd.		Waste Generation Location	SAME
		Address:	
Memphis, TN 38114			
		Phone No. (	)
ste ID. Code No :TUN-9807002			
ecial Handling Instructions and Additional In	formation		
th Hunters USA of Tunica, Inc. Permit Number SW-0720019459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	/ (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	25.65	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other. ☐ Volume:
nerator Authorized Agent	-	1 serve leng	(1631/6)
	Signature	OPTER	Shipment Date
Pm	TRANSP	ORTER	Shipment Date
ck No	TRANSP	ORTER Transporter Phone	No.: (601 ) 429-2260
ck NoMS  nsporter Name:Matthews Trucking	TRANSP		No.: (601) 429-2260
ck No	TRANSP	Transporter Phone	No.: (601) 429-2260 101111 / X USS
ck NoS  nsporter Name:Matthews Trucking tress:1340 Gwynn Road Nesbit, MS 38651	TRANSP	Transporter Phone Driver Name (print)	No.: (601) 429-2260 ): 70777 V USS
ck No	TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2260 ): 70777 V USS
ck No	TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2200 ):
ck No	ial was picked up	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601 ) 429-2260  State: 100 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ck No	ial was picked up  30,98  Pickup Date	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2260  Delivery Date  1 No.: (601) 429-2260  Delivery Date
ck No  Insporter Name: Matthews Trucking dress: 1340 Gwynn Road  Nesbit, MS 38651  The my signature, I certify that the above mater he Generator site listed above.  Name: Trash Hunters USA O	ial was picked up  30,98  Pickup Date  DESTIN	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2200 ):
ck No	ial was picked up  30,98  Pickup Date  DESTIN	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2260  Delivery Date  1 No.: (601) 429-2260  Delivery Date
ck No	ial was picked up  30,98  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No.: (601) 429-2200 ):  o./State:  I certify that the above named material was necident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:  cnowledge, the foregoing is true and accurate.
ck No	ial was picked up  30,98  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No.: (601) 429-2200 ):



3781773

TOTAL TO DATE: 805.15

#### NON-HAZARDOUS WASTE MANIFEST.

	GENE	RATOR	
Name of Generator: Defense Distribution D  Address: 2163 Airways Blvd.  Memphis, TN 38114	Pepot, Memphis	Waste Generation Location Address:	SAME
Phone No.: (_901_) 775-0173		Dhona Na . /	
Waste ID. Code No TUN-9807002		Phone No.: (	)
Special Handling Instructions and Additional			
Frash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459			Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. o Waste Description			•
Dieldrin Contaminated Soil	Actual Quantity	Units  Pounds  Tons  Cu. Yd  Cu. Ft.	Container Type  Drum Truck Carton Box Bag Other: Volume:
THEK (4//a/	transportation according	261 or anv applicable s	state law, has been properly described, classifiations.
and packaged, and is in proper condition for	transportation according	261 or any applicable s g to applicable regula & Kullot	state law has been properly described, clearly
ruck No.: Matthews Truckir	s as defined by 40 CFR transportation according Signature	261 or any applicable s g to applicable regula  **Content**  **Content	state law, has been properly described, classiff ations.  7,7,7  Shipment Date  No.: (601 ) 429-2200
ruck No.:  Matthews Truckir  Matthews Truckir	s as defined by 40 CFR transportation according Signature	261 or any applicable s g to applicable regula  **Content**  **Content	state law, has been properly described, classifications.  7,7,7  Shipment Date  No.: (601 ) 429-2200  Discription of the content of the conte
ruck No.:	s as defined by 40 CFR transportation according Signature  TRANSF	261 or any applicable sign to applicable regular for applicable regu	state law, has been properly described, classiff ations.    Color   Co
ind packaged, and is in proper condition for the factor Authorized Agent fuck No.:    Matthews Trucking	s as defined by 40 CFR transportation according Signature  TRANSF	261 or any applicable sign to applicable regular for applicable regu	state law, has been properly described, classiff ations.    Continue   Contin
ind packaged, and is in proper condition for the factor Authorized Agent  inck No.:  Matthews Trucking address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate the Generator site listed above.	s as defined by 40 CFR transportation according Signature  TRANSF	261 or any applicable sign to applicable regular for applicable regular for applicable regular for applicable regular for applicable regular for applicable	state law, has been properly described, classifications.    Shipment Date   Shipment Date
ind packaged, and is in proper condition for Market No.:  Independent Name: Matthews Trucking Matthews	sas defined by 40 CFR transportation according Signature  TRANSF  TRANSF  TRANSF  DESTIN  Of Tunica, Inc.  obinsonville, MS	261 or any applicable sign to applicable regular for applicable regular for applicable regular for applicable regular for applicable regular for applicable	state law, has been properly described, classifications.    Shipment Date   Shipment Date
ruck No.:  Italian and packaged, and is in proper condition for the fruck No.:  Italian and packaged, and is in proper condition for the fruck No.:  Italian and packaged, and is in proper condition for the fruck No.:  Italian and the fruck No.:  Italian	Signature  TRANSF  TRANSF  TRANSF  DESTIN  Of Tunica, Inc.  obinsonville, MS	261 or any applicable signature  PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in  Signature  ATION	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Co./State: A O T & I YOU Son: MDOT  Incident to the destination listed below.  Phone No.: (601) 363-2282  Time:

YHOW - GENERATOR

Pink -- TRANSPORTER

White - LANDFILL



### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
	Depot, Memphis	Waste Generation Location. Address:	SAME
Memphis, TN 38114  one No.: ( 901 ) 775-0173		Phone No.: (	)
ste ID. Code No. TUN-980700 ecial Handling Instructions and Additional			
h Husters USA of Tunica, Inc. Permet Number: SW-072001045			Customer Number.
SPONSIBLE AGENCY: Mississippi Dept Waste Description	of Environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contaminated Soil	19.62	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature TRANSI	PORTER	Shipment Date
0.1.0	TRANSI	PORTER	
ck No. <u>RM-5</u>		Transporter Phone	
nsporter Name: <u>Matthews Trucki</u>	ng	Driver Name (print)	
iress: 1340 Gwynn Road		Vehicle License No	
Nesbit, MS 38651			n: MDOT 49 027
h my signature, I certify that the above ma he Generator site listed above.	terial was picked up	With my signature, delivered without in	, I certify that the above named material was neident to the destination listed below.
nature (1'2a)	1 35 98 Pickup Date	$\wedge \wedge \wedge$	07.60 1 30,98 Delivery Date
	DESTIN	IATION	
Name: <u>Trash Hunters USA</u> Address: 6035 Bowdre Rd. F		38664	Phone No.: (601) 363-2282  Time:
-	al has been accepted a  Signature	nd to the best of my i	knowledge, the foregoing is true and accurate.  7,30,98  Receipt Date
	LANDFILL Yellow — GEN	BERATOR Pink TRAN	ISPORTER TOTAL TO DATE: 783, 44



3781775

	GENE	RATOR	
Name of Generator: Defense Distri	bution Depot, Memphis	Waste Generation Location	SAME
Address: 2163 Airways	Blvd.	Address:	
Memphis, TN			
Phone No: (901) 775-01		Phone No. (	
	9807002	1 110110 110. \	
	Additional Information		
Trash Hunters USA of Tunica, Inc. Permit Number:	\$W-0720010459 Ticket Number:		Customer Number.
RESPONSIBLE AGENCY: Mississ  Waste Description	ippi Dept. of Environmental Qualit  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminate Soil	ed 21,94	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum      Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	ODTER	Shipment Date
	ITANSF	ORIER	
Truck No.		Transporter Phone	
•	s Trucking	Driver Name (print	
Address: 1340 Gwynn Ro	oad	Vehicle License N	o./State: 1 08242
Nesbit, MS 386	51	Vehicle Certification	on: <u>MDOT (99970</u>
With my signature, I certify that the at the Generator site listed above.			e, I certify that the above named material was incident to the destination listed below.
	1_1	be blat	7,30,98
Signature	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	· ·
Site Name: Trash Hunte	ers USA Of Tunica, Inc.		Phone No. ( 601 ) 262 2222
	re Rd. Robinsonville, MS	38664	Phone No.: (601) 363-2282
Piscrepancies:			Time:
•	med material has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature		Receipt Date
Nº 003042	// White — LANDFILL Vellow — GEI	NERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 852.76

3781776

### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
me of Defense Distribution Detense 2163 Airways Blvd.	pot, Memphis	Waste Generation Location: Address	SAME	
Memphis, TN 38114				
one No (_901)775-0173		Phone No. (	)	
ste ID Code No.: TUN-9807002				-
ecial Handling Instructions and Additional In	formation:			<del>-</del>
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number	
SPONSIBLE AGENCY Mississippi Dept. of			OUSCOME: NUMBER	
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	21.6	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
_	TRANSP	ORTER		ent Date
ck No.: PM-			004	
nsporter Name: Matthews Trucking	<del></del>	Transporter Phone		)
ress: 1340 Gwynn Road	· · · · · · · · · · · · · · · · · · ·	Driver Name (print) Vehicle License No	1 2000	p55.
Nesbit, MS 38651		Vehicle Certification		
n my signature, I certify that the above materine Generator site listed above.	ial was picked up	With my signature,	I certify that the above named micident to the destination listed bel	naterial was
nature Cossi	Pickup Date	Signature		
/	DESTIN		Delive	ery Date
Name: Trash Hunters USA O				<del>-</del>
Name: Trash Hunters USA O Address: 6035 Bowdre Rd. Rot		38664	Phone No.: (601) 363-22	
repancies:			Time:	<del></del>
reby certify that the above named material h			nowledge the forescine in the same	
2. (31 CT 10.		J. S. S. S. S. S. S. S. S. S. S. S. S. S.	increase, the foregoing is true an	a accurate.
ne (print)	Signature	7	Recei	ot Date
: 003043 White LAN	DFILL Yellow — GENE	FRATOR Pink TRANS	SPORTER TOTAL TO DATE: 57	+.37



		GENE	HAIOH -	P
Name of Generator: _	Defense Distribution 2163 Airways Blvd.		Waste Generation Location.	SAME
	Memphis, TN 38114			
Phone No.: (			Phone No : (	)
	ode No. TUN-980700			
Trash Hunters USA	of Tunica, Inc. Permrt Number: SW-0720010	459 Ticket Number		Customer Number.
RESPONSIB	LE AGENCY: Mississippi Dept.	. of Environmental Qualit	v (601) 961-5171	
	Waste Description	Actual Quantity	Units	Container Type
Dield	Irin Contaminated Soil	23.01	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:
and package	egulation, is not a hazardous ward, and is in proper condition for	ste as defined by 40 CFR approximation according	261 or any applicable s	1 725,5
state law or re and package	egulation, is not a hazardous wa	ste as defined by 40 CFR and transportation according Signature	261 or any applicable s g to applicable regula	state law, has been properly described, classified ations  Shipment Date
and package Generator Au	egulation, is not a hazardous was d, and is in proper condition for the state of th	ste as defined by 40 CFR and transportation according Signature	261 or any applicable s g to applicable regula	Shipment Date
Generator Au Truck No.:	egulation, is not a hazardous was d, and is in proper condition for a hazardous was d, and is in	ste as defined by 40 CFR and transportation according Signature	261 or any applicable sg to applicable regular control of the cont	Shipment Date  No.: (601 ) 429-2200
Generator Au  Truck No.:   Transporter N	egulation, is not a hazardous was d, and is in proper condition for the state of th	ste as defined by 40 CFR and transportation according Signature	PORTER  Transporter Phone Driver Name (print	Shipment Date  No.: (601 ) 429-2200
Generator Au  Truck No.:	egulation, is not a hazardous was d, and is in proper condition for the state of th	ste as defined by 40 CFR and transportation according Signature	PORTER  Transporter Phone Driver Name (print Vehicle License No.	Shipment Date  No.: (601 ) 429-2200  t): 10./State: 40.78.7
Generator Au  Truck No.:   Transporter N  Address:	Agentalian, is not a hazardous was do, and is in proper condition for the state of	ste as defined by 40 CFR 2 or transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No.	Shipment Date  No.: (601 ) 429-2200
Generator Au  Truck No.:  Transporter N  Address:	d, and is in proper condition for the state of the state	ste as defined by 40 CFR 2 or transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): 100/State: 107877  on: MDOT 490277  e, I certify that the above named material was
Generator Au  Truck No.:  Transporter N  Address:	Agentalian, is not a hazardous was do, and is in proper condition for the state of	ste as defined by 40 CFR 2 or transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	Shipment Date  Shipment Date  No.: (601_) 429-2200  t): (7877)  on: MDOT 490277
Generator Au  Truck No.:  Transporter N  Address:	Jame: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  ature, I certify that the above mator site listed above.	ste as defined by 40 CFR 2 or transportation according Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): 100/State: 107877  on: MDOT 490277  e, I certify that the above named material was
Generator Au  Truck No.:   Transporter N  Address:   With my sign at the General	Agent Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  ature, I certify that the above mator site listed above.	Signature  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  t): MDOT 400  To incident to the destination listed below.
Generator Au  Truck No.:  Transporter N  Address:  With my sign at the Generator	agulation, is not a hazardous was d, and is in proper condition for the state of th	Signature  TRANSF  TRANSF  Anaterial was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t):  No./State: 40 78 7  on: MDOT 4702  a, I certify that the above named material was incident to the destination listed below.  Delivery Date
Generator Au  Truck No.:  Transporter N  Address:  With my sign at the Generator  Signature	Jame: Matthews Truck  1340 Gwynn Road  Nesbit, MS 38651  ature, I certify that the above mator site listed above.	Signature  TRANSF  TRANSF  A Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  t):  No./State: 40 78 7  on: MDOT 40 2 7  a, I certify that the above named material was incident to the destination listed below.  Delivery Date
Generator Au  Truck No.:   Transporter N  Address:   With my sign at the Generator Signature  Site Name:   Site Address:	Ithorized Agent  Matthews Truck  1340 Gwynn Road  Nesbit, MS 38651  ature, I certify that the above mator site listed above.  Trash Hunters USA  6035 Bowdre Rd.	Signature  TRANSF  TRANSF  A Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t):  No./State: 40 78 7  on: MDOT 4702  a, I certify that the above named material was incident to the destination listed below.  Delivery Date
Generator Au  Truck No.:  Transporter N  Address:  With my sign at the Generator  Signature  Site Name:  Site Address:  Discrepancies	Itame: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  ature, I certify that the above mator site listed above.  Trash Hunters USA 6035 Bowdre Rd.	Signature  TRANSF  TRANSF  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  t): MDOT 4 10 2 7  on MDOT 4 10 2 7  a, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
Generator Au  Truck No.:  Transporter N  Address:  With my sign at the Generator  Signature  Site Name:  Site Address:  Discrepancies hereby certifications and package and pa	Ithorized Agent  Matthews Truck  Matthews Truck  Maynn Road  Nesbit, MS 38651  Auture, I certify that the above mator site listed above.  Trash Hunters US/  6035 Bowdre Rd.	Signature  TRANSF  TRANSF  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  t): MDOT 4 10 2 7  on MDOT 4 10 2 7  a, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
Generator Au  Truck No.:  Transporter N  Address:  With my sign at the Generator  Signature  Site Name:  Site Address:  Discrepancies hereby certifications and package and pa	Itame: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  ature, I certify that the above mator site listed above.  Trash Hunters USA 6035 Bowdre Rd.	Signature  TRANSF  TRANSF  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  t):  No./State: 40 78 7  on: MDOT 40 2 7  a, I certify that the above named material was incident to the destination listed below.  Delivery Date

3781778

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of nerator. Defense Distribution I		Waste Generation Location:	
Memphis, TN 38114		Address:	
one No. ( 901 ) 775-0173	<u> </u>		
ste ID Code No. TUN-980700	12	Phone No. (	
ecial Handling Instructions and Additional			
h Hunters USA of Tunica, Inc. Permit Number: SW-07200104	59 Ticket Number		Customer Number:
SPONSIBLE AGENCY. Mississippi Dept.	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contamınated Soil	25.67	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
nerator Authorized Agent	Signature	ORTER	Shipment Date
ck No.: DMY		Transporter Phone	No.: (601 ) 429-2200
nsporter Name: <u>Matthews Trucki</u>		Driver Name (print	```
iress 1340 Gwynn Road		Vehicle License No./State: A 0 7879	
Nesbit, MS 38651		Vehicle Certification	on: MDOT
h my signature, I certify that the above ma he Generator site listed above.		With my signature delivered without is	ncident to the destination listed below.
Kanyou	7,30,98		
nature U + U	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: <u>Trash Hunters USA</u> Address: <u>6035 Bowdre Rd.</u> F	Robinsonville, MS	38664	Phone No.: (601) 363-2282 Time:
crepancies:			
reby cermy that the above named materi	al has been accepted ar	nd to the best of my	knowledge, the foregoing is true and accurate.
ne (print)	Signature	7//	Receipt Date
<u>0 003045</u>	•	<b>/</b>	

Yellow -- GENERATOR

Pink - TRANSPORTER



3781779

#### NON-HAZARDOUS WASTE MANIFEST

		GENE	RATOR		
Name of Generator:	Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME	
Address	dress. 2163 Airways Blvd.		Address	<b></b>	
	Memphis, TN 38114		<del></del>		
Phone No.	(901) 775-0173		Phone No. (		
	ode No. TUN-9807002	· · · · · · · · · · · · · · · · · · ·			
_	ndling Instructions and Additional				
Track Huntare IIC	'A of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number:	
				Customer Humber.	
KESPUNSIE	BLE AGENCY: Mississippi Dept. o			Container Turk	
	Waste Description	Actual Quantity	Units	Container Type	
Diel	drin Contaminated		☐ Pounds ☐ Tons	☐ Drum ☑ Truck ☐ Carton ☐ Box	
	Soil	26.96	☐ Cu. Yd.	☐ Bag ☐ Other:	
			☐ Cu. Ft.	Volume:	
———	authorized Agent	Signature	00750	Shipment Da	
	V ()- 7	TRANSF	ORIER	·	
Truck No.: _	又10-7		Transporter Phone	No.: (601) 429-2200	
Transporter	Name: <u>Matthews Truckir</u>	ng	Driver Name (print	): JACKIE YOUNT	
Address:	1340 Gwynn Road		Vehicle License N	o./State: A 0788	
	Nesbit, MS 38651		Vehicle Certification: MDOT		
	nature, I certify that the above mat rator site listed above.	erial was picked up		, I certify that the above named materia ncident to the destination listed below.	l was
	relie Yount	7 30 98		, ,	
Signature		Pickup Date	Signature	Delivery Da	te
	V	DESTIN	IATION		
Site Name:	Trash Hunters USA	Of Tunica Inc		Phone No. ( CO1 ) 202 2020	
Site Address	COSE Bassides Del D		38664	Phone No.: (601) _ 363-2282	
		obineditalio, me		Time:	
Discrepance		-			
rnerepy cer	tilly that the above named materia	Il has been accepted a	ind to the best of my	knowledge, the foregoing is true and acc	urate
Name (print)	)	Signature	<i>4/</i>	Receipt Da	<u> 70</u>
Nº 00	3046	- •	<i>'</i> '	,	. <del>.</del>
	White — I	LANDFILL Voltow — GEN	ERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 924.3	54

	GENE	RATOR	
ne of Defense Distribution De	pot, Memphis	Waste Generation Location	SAME
Iress 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No. (	
ste ID. Code No. TUN-9807002		- HONO NO. ()	
ocial Handling Instructions and Additional In	formation:		
1 Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of I	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	22.74	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other ☐ Volume:
THIK / 4 / 4/		g to applicable regula	las 725 TS
TPLK / 4/4/	Signature	g to applicable regula	Shipment Date
erator Authorized Agent	Signature	og to applicable regula	shipment Date
erator Authorized Agent	Signature	PORTER Transporter Phone	No.: (601) 429-2200
erator Authorized Agent  k No.:   Matthews Trucking	Signature	PORTER  Transporter Phone Driver Name (print)	No.: (601 ) 429-2200
erator Authorized Agent  k No.:   Matthews Trucking ress:   1340 Gwynn Road	Signature	PORTER  Transporter Phone Driver Name (print) Vehicle License No	No.: (601 ) 429-2200  RAY YOUNG  O./State: 40 78 79
erator Authorized Agent  k No.: KM   sporter Name. Matthews Trucking ress: 1340 Gwynn Road Nesbit, MS 38651  my signature, I certify that the above materi	Signature	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601 ) 429-2200  Red Young  o./State: A0 78 79  n: MDOT
erator Authorized Agent  k No.: KM   sporter Name. Matthews Trucking ress: 1340 Gwynn Road Nesbit, MS 38651  my signature, I certify that the above materiale Generator site listed above.	TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601 ) 429-2200  Rev Young  o./State: 40 78 79  n: MDOT
erator Authorized Agent  k No.:	Signature	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	Shipment Date  No.: (601 ) 429-2200  Pay Yourg  o./State: 40 78 79  n: MDOT  I certify that the above named material was notident to the destination listed below.
erator Authorized Agent  k No.:	Signature TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601 ) 429-2200  Red Young  o./State: A0 78 79  n: MDOT
erator Authorized Agent  k No.:	Signature  TRANSF  all was picked up  7, 3.7, 98  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601 ) 429-2200  Pay Yourg  O/State: 40 78 79  In: MDOT  I certify that the above named material was incident to the destination listed below.  Delivery Date
erator Authorized Agent  k No.:	Signature  TRANSF  al was picked up  7, 3, 98  Pickup Date  DESTIN  f Tunica, Inc.	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
erator Authorized Agent  k No.:	Signature  TRANSF  TRANSF  al was picked up  7, 3, 9, 9  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Pay Yourg  O/State: 40 78 79  In: MDOT  I certify that the above named material was incident to the destination listed below.  Delivery Date
erator Authorized Agent  k No.: KM   sporter Name. Matthews Trucking ress: 1340 Gwynn Road Nesbit, MS 38651  my signature, I certify that the above materials Generator site listed above.  Ray   ature   Trash Hunters USA Of the Address: 6035 Bowdre Rd. Roberts   Sepancies: 1340 Gwynn Road Nesbit, MS 38651	Signature  TRANSF  TRANSF  al was picked up  7, 3, 7, 98  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in  Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Pay Yourg  Shipment Date  Play Yourg  The proof of the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
erator Authorized Agent  k No.:	Signature  TRANSF  TRANSF  al was picked up  7, 3, 7, 98  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in  Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Pay Yourg  District Honory  No.: MDOT  I certify that the above named material was needent to the destination listed below.  Delivery Date
erator Authorized Agent  k No.:	Signature  TRANSF  TRANSF  al was picked up  7, 3, 7, 98  Pickup Date  DESTIN  f Tunica, Inc.  pinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in  Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Plant Yourg  Shipment Date  Plant Yourg  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:



#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
Name of Generator: Defense Distribution D		Waste Generation Location:	SAME	
Address: 2163 Airways Blvd.		Address		
Memphis, TN 38114		Phone No.: ()		
Waste ID Code No TUN-9807003	2			
Special Handling Instructions and Additional	Information			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-972901945	Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY. Mississippi Dept. o Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soıl	21.34	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature	PORTER	Shipment Date	
Br-4		<u>-:</u>		
Iruck No.:		Transporter Phone	No.: (601) 429-2200	
	ng		· · · · · · · · · · · · · · · · · · ·	
Transporter Name: Matthews Trucking	ng	Driver Name (print	1): Jue Graham	
Transporter Name: Matthews Trucki	ng	Driver Name (print Vehicle License No	1): Jue Graham 0./State: A08242	
		Driver Name (print Vehicle License No Vehicle Certification With my signature	1): Jue Graham	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mainst the Generator site listed above.	terial was picked up	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without i	o./State: A 0 8 2 4 2 on: MDOT 7 449 7 on, I certify that the above named material was incident to the destination listed below.	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mainst the Generator site listed above.		Driver Name (print Vehicle License No Vehicle Certification With my signature	o./State: A 08242 on: MDOT 74497 on I certify that the above named material was incident to the destination listed below.	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mainst the Generator site listed above.	terial was picked up	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	o./State: A 0 8 2 4 2 on: MDOT 7 449 7 on, I certify that the above named material was incident to the destination listed below.	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mainst the Generator site listed above.  Signature	terial was picked up  / Pickup Date  DESTIN	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	o./State: A 08242 on: MDOT 74497 on I certify that the above named material was incident to the destination listed below.  7,30,98  Delivery Date	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above make at the Generator site listed above.  Signature  Site Name: Trash Hunters USA	terial was picked up  / Pickup Date  DESTIN  Of Tunica, Inc.	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	o./State: A 0 8 2 4 2 on: MDOT 7 449 7 on, I certify that the above named material was incident to the destination listed below.	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above may at the Generator site listed above.  Signature  Site Name: Trash Hunters USA	terial was picked up  / / Pickup Date  DESTIN  Of Tunica, Inc.	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	o./State: A 08242 on: MDOT 74497 on I certify that the above named material was incident to the destination listed below.  7 30 198  Delivery Date	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above may at the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address: 6035 Bowdre Rd. Feiscrepancies:	Pickup Date  DESTIN  Of Tunica, Inc.  tobinsonville, MS	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  IATION	c): Jue (3rchaw)  o./State: A 0 8 2 4 2  on: MDOT 7 4 4 9 7  o, I certify that the above named material was incident to the destination listed below.  7 30 1 98  Delivery Date  Phone No.: (601) 363-2282  Time:	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above may at the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address: 6035 Bowdre Rd. Find the above named material sites above named material sites.	Pickup Date  DESTIN  Of Tunica, Inc.  tobinsonville, MS	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  IATION	o./State: A 08242 on: MDOT 74497 on I certify that the above named material was incident to the destination listed below.  7,30,98  Delivery Date	
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above may at the Generator site listed above.  Signature  Site Name: Trash Hunters USA  Site Address: 6035 Bowdre Rd. Feascrepancies:	Pickup Date  DESTIN  Of Tunica, Inc.  tobinsonville, MS	Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature  IATION	c): Jue (3rchaw)  o./State: A 0 8 2 4 2  on: MDOT 7 4 4 9 7  o, I certify that the above named material was incident to the destination listed below.  7 30 1 98  Delivery Date  Phone No.: (601) 363-2282  Time:	

#### 3781782



### USA WASTE SERVICES

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
ime of Defense Distribution D	Depot, Memphis	Waste Generation Location.	SAME
dress: 2163 Airways Blvd.		Address.	
Memphis, TN 38114			
one No: (_901_) _775-0173		Phone No. (	)
iste ID Code No. TUN-980700	2		
ecial Handling Instructions and Additional	Information:		
sh Hunters USA of Tunica, Inc. Permit Number: SW-072001045	Ticket Number:		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. o Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 <b>Units</b>	Container Type
Dieldrin Contagninated Soil	24.21	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☒ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
DACK Kallal Inerator Authorized Agent	Signapure	Kallal	Shipment Date
	TRANSP	ORTER	
ck No.: MA-3		Transporter Phone	No: (601 ) 429-2200
nsporter Name: <u>Matthews Truckii</u>	ng	Driver Name (print)	WILLIAM ONEAL
dress: 1340 Gwynn Road		Vehicle License No	o./State:A 07877
Nesbit, MS 38651		Vehicle Certification	n: <u>MDOT 490277</u>
h my signature, I certify that the above ma	terial was picked up	With my signature,	I certify that the above named material wa
the Generator site listed above.	<b>a</b> • 00	delivered without in	ncident to the destination listed below.
Dellam Deal	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: Trash Hunters USA			Phone No: (601) 363-2282
Address: 6035 Bowdre Rd. R	opinsonville, MS	38664	Time:
ereby certify that the above named materia	al has been accepted ar	nd to the best of my k	cnowledge, the foregoing is true and accurate
me (print)	Signature	1	Receipt Date
0 003049 Whree - I	LANDFILL Yellow — GENE	ERATOR Pink TRAN	TOTAL TO DATE: 22 1 29



	GENE	RATOR	· /
	Generator: Defense Distribution Depot, Memphis		SAME
Memphis, TN 38114		Address	
		Phone No : /	
Waste ID. Code NoTUN-9807002		F110116 140 (	
Special Handling Instructions and Additional Infor			
Special Harlandy Histocions and Additional Milor	mation.		
Trasb Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept. of En	vironmental Quality	v (601) 961-5171	
	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.H	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	ORTER	Shipment Date
Truck No.: RMY			
- Mattheway Tayahian		,	No.: ( <u>601</u> ) <u>429-2200</u>
Address: 1340 Gwynn Road			t): KAY Young  10./State: AD 75 79
Nesbit, MS 38651		Vehicle Certification	·
With my signature, I certify that the above material at the Generator site listed above.	was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.
$\sim 1$ .	15 198	donvoide minder	moldon to the desiration hated below.
Signature P	ickup Date	Signature	Delivery Date
	DESTIN	IATION	•
T 1.11			
Site Name: Trash Hunters USA Of			Phone No.: (601) 363-2282
Site Address: 6035 Bowdre Rd. Robi		30004	Time:
Discrepancies:		<del>,</del> ,,,	
hereby certify that the above named material ha	s been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate
	Signature	wy	Receipt Date
Nº 003050		JERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 997 67

3781784

	GENE	RATOR	
me of nerator: Defense Distribution Depot,		Waste Generation Location:	
dress 2163 Airways Blvd.		Address	
Memphis, TN 38114			
one No (901) 775-0173		Phone No.: (	_)
iste ID Code No : TUN-9807002			
ecial Handling Instructions and Additional Informat	ion:		
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Tick	ket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept of Enviro	nmental Quality	(601) 961-5171	
Waste Description Actu	ual Quantity	Units	Container Type
Dieldrin Contaminated	1 30	☐ Pounds	☐ Drum ☑ Truck
Soil		⊠ Tons ☐ Cu. Yd.	☐ Carton ☐ Box ☐ Bag ☐ Other:
		☐ Cu. Ft.	Volume:
nerator Authorized Agent Sign	TRANSP	ORTER	Shipment Date
ck No.	-		
nsporter Name: Matthews Trucking			No.: (601 ) 429-2200
1010.0			RCKIE POULT
Nesbit, MS 38651			o./State: ADD TEXT MS
		Vehicle Certification	
th my signature, I certify that the above material was the Generator site listed above.	в рюкеа ир	With my signature, delivered without in	I certify that the above named material was noident to the destination listed below.
1,200-0 10-0 10	192		
nature . Picku	p Date	Signature	Delivery Date
	DESTIN	ATION	
Name Trash Hunters USA Of Tu	nica. Inc.	_	Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Robinso		38664	Time:
crepancies:		4	
areby certify that the above named material has be	en Æcqepted ar	id to the best of my k	(nowledge, the foregoing is true and accurate
J. (20, tt in	(-(-,	M	\$ 15 PK
me (print) Sign 0 003051	ature		Receipt Date
White - LANDFILL	Vellow — GENE	PINK — TRANS	SPORTER TOTAL TO DATE: 1025, 97



3781785

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution		Waste Generation Location:	
Address 2163 Airways Blvd. Memphis, TN 38114		Address:	
Waste ID Code No.: TUN-98070	002	Phone No.: (	
Special Handling Instructions and Addition			
	11 date 4		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010	0459 Ticket Number		Customer Number:
RESPONSIBLE AGENCY. Mississippi Dept	t. of Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	25.40	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
Truck No: RM - 3			004
Transporter Name: Matthews Truc	king .	Transporter Phone	A half of Colombia
Address: <u>1340 Gwynn Road</u>	King	Driver Name (print Vehicle License N	10000
Nesbit, MS 38651			on: MDOT 490277
With my signature, I certify that the above rat the Generator lite listed above	material was picked up	With my signature	o, I certify that the above named material was incident to the destination listed below.
Signature	8 15 198 Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Site Name: Trash Hunters US Site Address: 6035 Bowdre Rd.	A Of Tunica, Inc. Robinsonville, MS	38664	Phone No.: (601) 363-2282 Time:
Piscrepancies:			
Thereby certify that the above named mate	erial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature	<i>f</i>	Receipt Date
Nº 003052	-		

White - LANDFILL

YMOW - GENERATOR

Pink -- TRANSPORTER TO

TOTAL TO DATE: 1051-37

	GENE	RATOR	
me of nerator: Defense Distribution De	epot, Memphis	Waste Generation Location	SAME
tress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No ( 901 ) 775-0173		Phone No : /	)
ste ID. Code No. TUN-9807002			
ecial Handling Instructions and Additional In	nformation.		
		7.44	
h Hunters USA of Tunica, Inc. Permit Number: SW-0720018459	Ticket Number:		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	v (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	26.58	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Yerator Authorized Agent	Signature	Kulla	Shipment Date
Rome	- TANSP	ONIEN	
ck No.:/\///_S		Transporter Phone	
nsporter Name: Matthews Trucking	<u> </u>	Driver Name (print)	Town & KIROSS
ress: 1340 Gwynn Road		Vehicle License No	./State:
Nesbit, MS 38651	<del></del>	Vehicle Certification	n: _MDOT
n my signature, I certify that the above materine Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was acident to the destination listed below.
nature 8	15,98		
lating /	Pickup Date	Signature	Delivery Date
	DESTINA	ATION	
Name:Trash Hunters USA O	f Tunica, Inc.	-	Phone No. (CO1) COO COO
Address: 6035 Bowdre Rd. Rob		38664	Phone No.: (601) _363-2282
repancies.			Time:
eby certify that the above named material h	as been accented an	ofto the boot of one	nowledge, the foregoing is true and accurate.
	The state of the s	THE DESI OF MY K	nowledge, the foregoing is true and accurate.
e (print)	Signature		Receipt Date
9 003053	<b>NE</b> () 1		TOTAL TO DATE: (107 (77)



3781787

### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
Name of Generator: Defense Distribution I	Depot, Memphis	Waste Generation Location:	0.115
Address 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
Phone No : (901) 775-0173		Phone No.: (	)
Waste ID Code No.: TUN-980700	)2	<b></b>	
Special Handling Instructions and Additional			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-07200104	159 Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept.  Waste Description	of Environmental Quality	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soıl	24.87	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	OPTED	Shipment Date
0	TRANSF	ONIER	
•		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>
Transporter Name: <u>Matthews Truck</u>	ing	Driver Name (print	1: Pay Young
Address: 1340 Gwynn Road		Vehicle License No	o./State: 19 0 7 8 7 9
Nesbit, MS 38651	····	Vehicle Certificatio	n: <u>MDQT</u>
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	With my signature delivered without in	, I certify that the above named material was notident to the destination listed below.
- Eygy	8,5,98		1 1
Signature/	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Site Name:Trash Hunters USA	Of Tunica Inc		Phone No. ( 004 ) . 000 0000
Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282
			Time:
piscrepancies			
rnereby certify that the above named mater	riai nas been accepted a	ng to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature	- off	Receipt Date
Nº 003054	-		*
White -	- LANDFILL YMOW - GEN	ERATOR Pink TRAN	INTAL TO DATE: 1076.24



### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
ime of Defense Distribution Defense Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Distribution Defense Defense Distribution Defense	epot, Memphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
ione No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)
aste ID. Code No.:TUN-9807002			
ecial Handling Instructions and Additional I	nformation:	-	
sh Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
'SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	v (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	23.24	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
ick No. RM-3			
nsporter Name: Matthews Trucking	~	Transporter Phone I	A MINA IN THE DE
40.40	3	Driver Name (print):	" 0000
		Vehicle License No.	
Nesbit, MS 38651		Vehicle Certification	: MDOT 49 02.//
th my signature, I certify that the above mate the Generator site listed above.	rial was picked up	With my signature, delivered without inc	I certify that the above named material was cident to the destination listed below.
Whan O'real 8	3, ≤,98	William	D'Aces 3 18 95
nature	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA C	of Tunica Inc		
Address: 6035 Bowdre Rd. Ro		38664	Phone No.: (601) 363-2282
crepancies:			Time:
prefly certify that the above named material	has been accepted an	d the best of my kr	nowledge, the foregoing is true and accurate.
ブ・ノンハ・フェー	G. 5m/	No space of my ki	W. 5 94
ne (přínt) O NN 3N 5 5	Signature		Receipt Date
9 003055 *****	NDFILL YMOW — GENE	RATOR Pink — TRANSI	PORTER TOTAL TO DATE: / 126-10



### NON-HAZARDOUS WASTE MANIFEST

	GENEI	RATOR	
Name of Generator: Defense Distribu	ıtion Depot, Memphıs	Waste Generation Location:	SAME
Address 2163 Airways B	llvd.	Address	
Memphis, TN 38	3114		
Phone No (901) 775-017	<b>'3</b>	Phone No.: (	
	307002	•	,
Special Handling Instructions and A	dditional information:		
Trash Hunters USA of Tunica, Inc. Permit Humber: SW	.8729919459 Ticket Number		Customer Number:
			Customor Humber.
RESPONSIBLE AGENCY: Mississipp Waste Description	Dept. of Environmental Quality  Actual Quantity	y (601) 961-5171  Units	Container Type
Dieldrin Contaminated Soil	23.62	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	A Kall	Shipment Date
PMY			
Truck No.: KINY  Transporter Name: Matthews	Trucking		No.: ( <u>601</u> ) <u>429-2200</u>
Address: 1340 Gwynn Roa			n): Ray Young
			10./State: A 07879
Nesbit, MS 3865		Vehicle Certification	
With my signature, I certify that the a at the Generator site listed above.	above material was picked up		e, I certify that the above named material was incident to the destination listed below.
Ryman	8,5,98		
Signature	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	
Site Name: Trach Hunter	e LISA Of Tunica Inc		Phara Na. (201) 200 0000
	s USA Of Tunica, Inc. Rd. Robinsonville, MS		Phone No.: (601) 363-2282
_			Time:
	ad material has been exceeded		
The report of the true above name	o material has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature		Receipt Date
Nº 003056	White — LANDFILL Yellow GEI	HERATOR Pink — TRU	NASPORTER TOTAL TO DATE: 1149.72



GENE	ERATOR	
me of nerator: Defense Distribution Depot, Memphis dress: 2163 Airways Blvd. Memphis, TN 38114	Waste Generation Location: Address	SAME
one No (_901_) _775-0173  iste ID. Code No.:		
		Customer Number
SPONSIBLE AGENCY, Mississippi Dept. of Environmental Quality  Waste Description Actual Quantity	ty (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soil	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
packaged, and is in proper condition for transportation according to the second	l Kulla	Shipment Date
<u> </u>	PORTER	
rsporter Name: Matthews Trucking  Iress: 1340 Gwynn Road  Nesbit, MS 38651	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio	O./State: A 07881
my signature, I certify that the above material was picked up the Generator site listed above.	delivered without is	, I certify that the above named material was notident to the destination listed below.
V Chup Bale	Signature	Delivery Date
Name:Trash Hunters USA Of Tunica, Inc. Address:6035 Bowdre Rd. Robinsonville, MS		Phone No.: (601)363-2282 Time:
repancies:  Taby certify that the above named material has been accepted a PCKIE YOUNT Signature  2 00305 Saff Saff Signature	and to the best of my I	knowledge, the foregoing is true and accurate.  Receipt Date



3781791

		GENE	RATOR	
Name of Generator: Address Phone No . Waste ID. C	TUN 000700			SAME
_				
Trash Hunters US	A of Tunica, Inc. Permit Number SW-07200104	159 Ticket Number:		Customer Number
RESPONSIE	BLE AGENCY: Mississippi Dept. Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Dielo	drın Contaminated Soil	24.48	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum     Truck     ☐ Carton  ☐ Box     ☐ Bag   ☐ Other: ☐ Volume:
Generator A	uthorized Agent	Signature	OODTER	Shipment Date
Truck No.	CT ~ 8	·		
	Name. Matthews Truck		Transporter Phone	
•	1340 Gwynn Road	anig .	Driver Name (print	1 16011
	Nesbit, MS 38651		Vehicle License No Vehicle Certification	ブロルのラス
With my sigi	nature, I certify that the above m rator site listed above.	naterial was picked up	With my signature	, I certify that the above named material was neident to the destination listed below.
Signature		/ / Pickup Date	Signature	8, 13, 98  Delivery Date
<del></del>		DESTIN		Domoty Outo
Site Name:	Trash Hunters USA			
Site Address	6035 Bowdre Rd.		38664	Phone No.: ( <u>601</u> ) <u>363-2282</u> Time:
hereby_cer	tify that the above named mater	rial has been accepted a	nd to the best of my I	knowledge, the foregoing is tope and accurate
Name (print)	3041	Signature	ERATOR PINK TRAN	Receipt Date  TOTAL TO DATE: 198, 43

#### 3781792



### USA WASTE SERVICES

	GENE	RATOR	
me of nerator: Defense Distribution D	epot, <b>M</b> emphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No ( 901 ) 775-0173		Phone No.: (	)
ste ID. Code NoTUN-9807002			
ecial Handling Instructions and Additional	Information:		
h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of			
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	24.70	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum
nerator Authorized Agent	Signature	(alls	Shipment Date
	TRANSP	ORTER	
ck No.: <u>RM-3</u>		Transporter Phone	No.: (_601)429-2200
nsporter Name: <u>Matthews Truckin</u>	ıg		WILLIAM DWEAL
tress: 1340 Gwynn Road			o./State: A 07877
Nesbit, MS 38651		Vehicle Certificatio	n: MDOT 490277
h my signature, I certify that the above mate	erial was picked up	With my signature	, I certify that the above named material was needent to the destination listed below.
De Oinal :	8 /3 /98 Pickup Date	Signature	n Oileal 8,13,98 Delivery Date
	DESTIN		Delivery Date
	-	ATION	
Name: Trash Hunters USA			Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Ro	obinsonville, MS	38664	Time:
crepancies:	<del></del>		
ereby certify that the above named material	I has been accepted a	nd to the best of my	Knowledge, the foregoing is true and accurate
ne (print)	Signature	W	Receipt Date
2 0030 <b>58</b>	ANDFILL Yellow — GEN	ERATOR Pink TRAN	ASPORTER TOTAL TO DATE: 1223,13



GENE	RATOR	
Name of Defense Distribution Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		
Memphis, TN 38114		
hone No (901) 775-0173	Phone No.: (	)
Vaste ID Code No TUN-9807002		,
Special Handling Instructions and Additional Information:		
rash Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ticket Number.		Customer Number:
ESPONSIBLE AGENCY: Mississippi Dept of Environmental Qualif	ty (601) 961-5171	
Waste Description Actual Quantity	Units	Container Type
Dioldria Contaminated	☐ Pounds	☐ Drum ☑ Truck
Dieldrin Contaminated 26.8/	☑ Tons ☐ Cu. Yd.	☐ Carton ☐ Box ☐ Dther:
OUII 1 1 1	1 - 00: 10: 1	
/ith my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR	Cu. Ft.	Volume.  Jefined by 40 CFR Part 260.10 or any applicate law, has been properly described, class
enerator Authorized Agent  sth my signature, I certify that the above named material does not contain the law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the law of the law o	Cu. Ft.	Volume.  Jefined by 40 CFR Part 260.10 or any applicate law, has been properly described, class
With my signature, I certify that the above named material does not clate law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the second senerator Authorized Agent.  Signature	Cu. Ft.	Volume.  Jefined by 40 CFR Part 260.10 or any applicate law, has been properly described, classifications.
With my signature, I certify that the above named material does not deate law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according tenerator Authorized Agent  Signature  TRANS	Cu. Ft.	Volume.  Jefined by 40 CFR Part 260.10 or any applications attorns.  Shipment Date  No.: (601) 429-2200
Ath my signature, I certify that the above named material does not cate law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the proper according to the proper condition for transportation according to the proper condition according to the proper condition according to the proper condition for transportation according to the proper condition according to the proper condition for transportation according to the proper condition for transportation according to the proper condition for transportation according to the proper condition for transportation according to the proper condition according to the proper condition for transportation according to the proper condition for transportation according to the proper condition according to	Cu. Ft.	Volume.  Jefined by 40 CFR Part 260.10 or any applications attorns.  Shipment Date  No.: (601) 429-2200
Atth my signature, I certify that the above named material does not deate law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the proper condition for transpo	Cu. Ft. contain free liquid as d 261 or any applicable regula ng to applicable regula PORTER Transporter Phone	Volume.  Jefined by 40 CFR Part 260.10 or any applications.  State law, has been properly described, class ations.  Shipment Date  No.: (601) 429-2200
Aith my signature, I certify that the above named material does not clate law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according tenerator Authorized Agent  TRANSITUCK No.:  Matthews Trucking	Cu. Ft.  contain free liquid as d 261 or any applicable r ng to applicable regula  PORTER  Transporter Phone  Driver Name (print	Volume.  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (401) 429-2200  Jefined by 40 CFR Part 260.10 or any applications.  Shipment Date  No.: (401) 429-2200  Jefined by 40 CFR Part 260.10 or any applications.
with my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according tenerator Authorized Agent  Signature  TRANSI	Cu. Ft.  contain free liquid as d 261 or any applicable regula ng to applicable regula  PORTER  Transporter Phone  Driver Name (print  Vehicle License N  Vehicle Certification  With my signature	Volume.  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  Jefined by 40 CFR Part 260.10 or any applications.  Shipment Date  O No.: (601) 429-2200
Ath my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the proper according to the proper sense of the packaged, and is in proper condition for transportation according to transportation according to the proper sense of the proper	Cu. Ft.  contain free liquid as d 261 or any applicable regula ng to applicable regula  PORTER  Transporter Phone  Driver Name (print  Vehicle License N  Vehicle Certification  With my signature	Volume.  Jefined by 40 CFR Part 260.10 or any applications attentions.  Shipment Date  No.: (601 ) 429-2200  No.: (MDOT  A location of the content of the co
Ath my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the package	Cu. Ft.  contain free liquid as d 261 or any applicable regula ing to applicable regula  PORTER  Transporter Phone  Driver Name (print  Vehicle License N  Vehicle Certification  With my signature delivered without in	Volume.  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  No.: MDOT  Jon: MDOT  Jon: MDOT  Jon: Locatify that the above named material incident to the destination listed below.
Atth my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in packaged and is in proper condition for transportation according to the packaged and	Cu. Ft. contain free liquid as de 261 or any applicable regularing to a	Volume.  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  No.: MDOT  Jefined by 40 CFR Part 260.10 or any applications.  Shipment Date  No.: (101) 429-2200  No.: MDOT  Jefined by 40 CFR Part 260.10 or any applications.  Shipment Date  No.: MDOT  Delivery Date
with my signature, I certify that the above named material does not date law or regulation, is not a hazardous waste as defined by 40 CFR and packaged, and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to the packaged and is in proper condition for transportation according to transporter Authorized Agent  TRANSITION TRANS	Cu. Ft.  contain free liquid as de 261 or any applicable regularing to	Volume.  Jefined by 40 CFR Part 260.10 or any applications attents.  Shipment Date  No.: (601) 429-2200  No.: MDOT  Jon: MDOT  Jon: MDOT  Jon: Locatify that the above named material incident to the destination listed below.

#### 3781794



### USA WASTE SERVICES

	GENE	RATOR	
me of nerator Defense Distribution Depo	ot, Memphis	Waste Generation Location:	SAME
dress. 2163 Airways Blvd.		Address	
Memphis, TN 38114	, A		
one No. (_901) _775-0173		Phone No. (	)
ste ID Code No.: TUN-9807002		•	
ecial Handling Instructions and Additional Infor	rmation:		
h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Tieles M		
			Customer Number:
SPONSIBLE AGENCY Mississippi Dept of En		(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated	_	☐ Pounds	☐ Drum ☑ Truck
Soil	23.40	⊠ Tons □ Cu Yd	☐ Carton ☐ Box ☐ Other:
	1,40	Cu Ft.	Bag Other:
h my signature, I certify that the above named in e law or regulation, is not a hazardous waste as did packaged, and is in proper condition for trans	sportation according	to applicable regula	13 8 85.6, 9
packaged, and is in proper condition for trans	Signature	to applicable regula	ations
packaged, and is in proper condition for trans  THE KALLAL  nerator Authorized Agent	sportation accerding	ORTER	Shipment Date
packaged, and is in proper condition for trans  THE K RILL  Inerator Authorized Agent	Signature	ORTER  Transporter Phone	Shipment Date  No.: (601 ) 429-2200
packaged, and is in proper condition for trans	Signature TRANSP	ORTER  Transporter Phone	No.: (601) 429-2200 Shipment Date
packaged, and is in proper condition for trans	Signature	ORTER  Transporter Phone	No.: (601 ) 429-2200 :
packaged, and is in proper condition for trans	Signature	ORTER  Transporter Phone Driver Name (print)	No.: (601) 429-2200 : ACKIE YOUNT 0./State: A 07881 m 5
packaged, and is in proper condition for trans	Signature	DRTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: $(601)$ 429-2200 :
packaged, and is in proper condition for trans  THE K Relation Authorized Agent  Ek No:	Signature	DRTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Isk No:  Insporter Name: Matthews Trucking  Insporter Name: Matthews Trucki	Signature	DRTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: $(601)$ 429-2200 :
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Isk No:  Insporter Name: Matthews Trucking  Insporter Name: Matthews Trucki	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Isk No:  Insporter Name: Matthews Trucking  Insporter Name: Matthews Trucki	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Delivery Date
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Is No:  Insporter Name: Matthews Trucking  In ress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material in Generator site listed above.  Institute PK	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Place Your T  Shipment Date  Place Your T  Delivery Date  Phone No.: (601) 363-2282
packaged, and is in proper condition for trans  If K  perator Authorized Agent  sk No:	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  Delivery Date
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Is porter Name: Matthews Trucking  ress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material in Generator site listed above.  Instant Hunters USA Of The Address: 6035 Bowdre Rd. Robin repancies:	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 ) 429-2200  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:
packaged, and is in proper condition for trans  If K  Inerator Authorized Agent  Is porter Name: Matthews Trucking  In proper Name: Matthews Trucking  In pr	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 ) 429-2200  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:
packaged, and is in proper condition for trans  If K  Derator Authorized Agent  Ek No:  Disporter Name: Matthews Trucking  Press: 1340 Gwynn Road  Nesbit, MS 38651  Disporter Name: Iteratify that the above material rise Generator site listed above.  Description of the second of the	TRANSPO	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 ) 429-2200  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:



3781795

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	·
Name of Generator. Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114			
Phone No (901) 775-0173		Phone No : (	
Waste ID Code No. TUN-9807002		1 110110 11011 (	
Special Handling Instructions and Additional			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720018459	Ticket Number:		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept. o	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	17.36	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
Generator Authorized Agent	Signature	NOTES.	Shipment Date
	TRANSF	'UNIER	
Totale Ma		·	
Truck No Matthews Trucking		Transporter Phone	No.: (601 ) 429-2200
Transporter Name <u>Matthews Truckir</u>		Transporter Phone Driver Name (print	):
Transporter Name <u>Matthews Truckir</u> Address: <u>1340 Gwynn Road</u>		Transporter Phone Driver Name (print Vehicle License No	):
Transporter Name <u>Matthews Truckir</u>	ng	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	):
Transporter Name <u>Matthews Truckir</u> Address: <u>1340 Gwynn Road</u> Nesbit, MS 38651  With my signature, I certify that the above mat	ng	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	o./State:
Transporter Name <u>Matthews Trucking</u> Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above main at the Generator site listed above.	terial was picked up	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	o./State:  on: _MDOT  i, I certify that the above named material wancident to the destination listed below.
Transporter Name <u>Matthews Trucking</u> Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above main at the Generator site listed above.	terial was picked up  / / Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	o./State:  on: _MDOT  i, I certify that the above named material wancident to the destination listed below.



	GENE	RATOR	
me of	pot, Memphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.	<del></del>	Address:	
Memphis, TN 33114			
one No ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	
iste ID Code No.: TUN-9807002			
ecial Handling Instructions and Additional In	formation		
h Hunters USA of Tunica, Inc. Permit Number SW-0720018459	Ticket Number:		Customer Number
SPONSIBLE AGENCY: Mississippi Dept of	Environmental Qualit	v (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	23-51	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	PORTER	Shipment Date
ck No	-	Transporter Phone	No.: (_601) 429-2200
nsporter Name: Matthews Trucking		Driver Name (print	
tress: 1340 Gwynn Road		Vehicle License No	1 50000
Nesbit, MS 38651			n: MDOT 744970
h my signature, I certify that the above mater	ial was picked up		, I certify that the above named material was
he Generator site listed above.	, ,	delivered without in	ncident to the destination listed below.
		you much	8,113,98
nature	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: Trash Hunters USA O	f Tunica Inc		Phone No. ( CO1 )
Address: 6035 Bowdre Rd. Rot			Phone No.: (601)363-2282
prepancies:			Time:
		- 4	
inedy certify that the above named material P	ies been accepted a	na to the best of my k /_ • _	knowledge, the foregoing is true and accurate.
ne (print)	Signatur	<u> </u>	Receipt Date
2 003061	<b>DE</b>		
White — LAN	OFILL Yellow — GEN	ERATOR Pink TRAN	SPORTER TOTAL TO DATE: /297, 76



3781797

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator Defense Distribution		Waste Generation Location:	
Address: 2163 Airways Blvd.		Address:	
Memphis, TN 38114		<del></del>	
Phone No. (901) 775-0173  Waste ID Code No. TUN-980700		Phone No.: (	
Special Handling Instructions and Addition	at information;		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010	459 Ticket Number:		Customer Number.
RESPONSIBLE AGENCY. Mississippi Dept Waste Description	. of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contamınated Soil	24.31	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	Atta	Shipment Date
2 !	TRANSP	ORTER	
Truck No.: KMY		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>
ransporter Name: <u>Matthews Truck</u>	king	Driver Name (print	Hay Yours
Address: 1340 Gwynn Road		Vehicle License No	o./State: <u>AO7879</u>
<u>Nesbit, MS 38651</u>		Vehicle Certificatio	n: <u>MDOT</u>
Vith my signature, I certify that the above met the Generator site listed above.	naterial was picked up	With my signature delivered without in	, I certify that the above named material wanted to the destination listed below.
Signature / D	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Site Name: Trash Hunters US			
Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282
Siscrepancies:	-		Time:
		nd to the hest of my i	knowledge, the foregoing is true and accura
DICELLET!	(5. ( ) wh	- Cost of tilly	4,13,94
Name (print)	Signature		Receipt Date
Nº 003062	— LANDFILL Yellow — GENI	ERATOR Pink — TRAN	ISPORTIER TOTAL TO DATE: 1274.75



# USA WASTE SERVICES

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
dress 2163 Airways Blvd.			
Memphis, TN 38114			
one No. (_901_) 775-0173		Phone No : (	)
ste ID Code No.: TUN-9807002			
ecial Handling Instructions and Additional In	nformation.		
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459			Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contamınated Soil	24.70	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	h Cull	Shipment Date
2N. 2	TRANSP	ONIER	
· ·		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>
nsporter Name: Matthews Trucking		Driver Name (print)	WITH DIVEAL
iress: 1340 Gwynn Road		Vehicle License No	
Nesbit, MS 38651		Vehicle Certification	1: MDOT 490277
h my signature, I certify that the above mater he Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.
nature 8	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA O	f Tunica Inc		Die in annual de la company
Address: 6035 Bowdre Rd. Rot		38664	Phone No.: (601) 363-2282
crepancies:			Time:
reby certify that the above named material h	as beep-accepted an	d to the best of my k	nowledge, the foregoing is true and accurate.
-01.961N	15. 5ml/		S : 13, X
ne (print) 2 0030 <b>78</b>	Signature		Receipt Date
White - LAN	OFILL Yellow GENE	RATOR Pink — TRANS	TOTAL TO DATE: 1363,22



3781799

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114			
Phone No : (901 ) 775-0173		Phone No : /	
Waste ID. Code No TUN-980700		7 110118 140 (	
Special Handling Instructions and Additional			
T. I. II			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010			Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept		y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated		☐ Pounds	☐ Drum ☑ Truck
Soil	25.//	☑ Tons	☐ Carton ☐ Box ☐ Other:
		☐ Cu Ft	Volume:
Generator Authorized Agent	Signature	ORTER	Shipment Date
Pon	maigr	ONI EN	
Truck No		Transporter Phone	No: (601) 429-2200
Transporter Name. <u>Matthews Truck</u>	king	Driver Name (prin	1): 10 my (8)
Address: 1340 Gwynn Road	<del></del>	Vehicle License N	lo./State: <u>F7-0 //8 / )</u>
Nesbit, MS 38651	<del></del>	Vehicle Certification	on: MDOT
With my signature, I certify that the above mat the Generator site listed above.	naterial was picked up		e, I certify that the above named material wa incident to the destination listed below.
Signature Ross	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Site Name: Trash Hunters US		20004	Phone No.: (601) 363-2282
Site Address: 6035 Bowdre Rd.	nobinsonville, MS	38004	Time:
screpancies.			
5. Writtin	<u></u>	nd to the past of my	knowledge, the foregoing is true and accurate \$\langle \langle
Name (print)	Signature	//	Receipt Date
Nº 003077	— LANDFILL Volov — GEN	EDATOD Blok TO	MARCHITER TOTAL TO DATE:

Yellow - GENERATOR

Pink -- TRANSPORTER

White - LANOFILL



### USA WASTE SERVICES

	GENERA	TOR		
пе of nerator:Defense Distribution Depot, M	emphis	Waste Generation Location:	SAME	
ress 2163 Airways Blvd.	<u>-</u>	Address:		
Memphis, TN 38114				
one No ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	_ )	
ste ID. Code No TUN-9807002		•		
cial Handling Instructions and Additional Information:	:	<u> </u>		
Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ticket !	Number:	· · · · · · · · · · · · · · · · · · ·	Customer Nu	mber·
PONSIBLE AGENCY Mississippi Dept. of Environme	ental Quality (6	801) 961-5171		
Waste Description Actual (	Quantity	Units		Container Type
Dieldrin Contaminated Soil	7,06	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☐ Carton ☐ Bag Volume:	☑ Truck ☐ Box ☐ Other:
my signature, I certify that the above named material law or regulation, is not a hazardous waste as defined packaged, and is in proper condition for transportation.  TACK / 4 / 4 / 8   Signature	on according to	or any applicable.	state law, has been lations.	properly described, classifie
packaged, and is in proper condition for transportation	on according to	or any applicable applicable regul	state law, has been lations.	properly described, classific  Shipment Date
packaged, and is in proper condition for transportation.  TACK (4 / 4 / 8 / Signature)  Parator Authorized Agent Signature	on according to	or any applicable of applicable regulations applicable regulations applicable regulations.	state law, has been lations.	Properly described, classified S. 13.90 Shipment Date
packaged, and is in proper condition for transportation.  JALK (4 / 4 / 4 / Signature)  erator Authorized Agent Signature  No.: RMY	on according to	or any applicable of applicable regulation of applicable regulations.  TER  Transporter Phone	state law, has been lations.  P No.: (601)	Shipment Date 429-2200
packaged, and is in proper condition for transportation.  TALK (4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4	TRANSPOR	or any applicable of applicable regulation of the control of the c	state law, has been lations.  P No.: (_601)  R4-  Vo.	Shipment Date  429-2200
packaged, and is in proper condition for transportation.  JALK / 4 / 4 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8	TRANSPOR	or any applicable of applicable regulation of applicable regulations.  TER  Transporter Phone	state law, has been lations.  P No.: (601)  R41 Vo.	Shipment Date  429-2200
packaged, and is in proper condition for transportation.  JACK / 4 / 4 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8	TRANSPOF	or any applicable of applicable regulation of the control of the c	state law, has been lations.  P No.: (_601)  B A   Vo.  lo./State: _A O 7	Shipment Date  429-2200
packaged, and is in proper condition for transportation.  JACK / 4 / 4 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8	TRANSPOF	TER  Transporter Phone Oriver Name (print/ehicle License Nowledge With my signature)	state law, has been lations.  P No.: (601)  It): RA Vo.  Io./State: A 77  on: MDOT  B, I certify that the	Shipment Date  429-2200
packaged, and is in proper condition for transportation.  JALK / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	TRANSPOR	TER  Fransporter Phone Driver Name (print/ehicle License Note Note Note Note Note Note Note Not	state law, has been lations.  P No.: (601)  It): RA Vo.  Io./State: A 77  on: MDOT  B, I certify that the	Shipment Date  429-2200  Shipment material was stination listed below.
packaged, and is in proper condition for transportation.  TACK / 4 / 4 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8	TRANSPOF	TER  Transporter Phone Driver Name (print/ehicle License Note Note Note Note Note Note Note Not	state law, has been lations.  P No.: (601)  It): RA Vo.  Io./State: A 77  on: MDOT  B, I certify that the	Shipment Date  429-2200  Shipment Material was above named material was
packaged, and is in proper condition for transportation.  JALK / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	TRANSPOR	TER  Transporter Phone Driver Name (print/ehicle License Note Note Note Note Note Note Note Not	state law, has been lations.  P No.: (601)  It): RA Vo.  Io./State: A 77  on: MDOT  B, I certify that the	Shipment Date  429-2200  Shipment Date  429-2200  Shipment Date
packaged, and is in proper condition for transportation.  JALK 4 4 4 Signature.  Perator Authorized Agent Signature.  Signature.  Name: Matthews Trucking.  Matthews T	TRANSPOF  Cked up  DESTINAT  a. Inc.	or any applicable of applicable regulation applicable regulation.  Oriver Name (print/ehicle License Nehicle Certification.  We hid to the without application application.	state law, has been lations.  P No.: (_601)  It): R4 Vo.  It): A07  It): MDOT  It): MDOT  It): It): Hat the incident to the des	Shipment Date  Shipment Date  429-2200  above named material wastination listed below.
packaged, and is in proper condition for transportation.  JALK / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	TRANSPOF  Cked up  DESTINAT  a. Inc.	or any applicable of applicable regulation applicable regulation.  Oriver Name (print/ehicle License Nehicle Certification.  We hid to the without application application.	state law, has been lations.  P No.: (601)  It): RAI Vo.  It): AO7  It): MDOT  It): MDOT  It): Horizont to the desired inciden	Shipment Date  429-2200  A by Grand Material was stination listed below.  Delivery Date
packaged, and is in proper condition for transportation.  THE CONDITION OF	TRANSPOF  Cked up  DESTINAT  a. Inc.	TER  Transporter Phone Oriver Name (print/ehicle License Novehicle Certification Wellie With my signature delivered without	state law, has been lations.  P No.: (601)  It): RAI Vo.  It): AO7  It): MDOT  It): MDOT  It): Horizont to the desired inciden	Shipment Date  Shipment Date  429-2200  above named material waterination listed below.  Delivery Date
packaged, and is in proper condition for transportation.  The Committee of the condition for transportation of transportation.  Signature of the condition for transportation.	TRANSPOR  Cked up  Ck	TER  Transporter Phone Driver Name (print/ehicle License Now Mehicle Certification With my signature delivered without in the signature signature in the signat	state law, has been lations.  P No.: (601)  Phone No.: (601)  Phone No.: (601)  Phone No.: (601)	Shipment Date  429-2200  Shipment Date  429-2200  Shipment Date  Above named material wateria
packaged, and is in proper condition for transportation.  THE CONDITION OF	TRANSPOR  Cked up  Ck	TER  Transporter Phone Driver Name (print/ehicle License Now Mehicle Certification With my signature delivered without in the signature signature in the signat	state law, has been lations.  P No.: (601)  Phone No.: (601)  Phone No.: (601)  Phone No.: (601)	Shipment Date  429-2200  Shipment Date  429-2200  Shipment Date  Above named material wateria



3781801

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address	
Memphis, TN 38114			
Phone No (901) 775-0173		Phone No : /	_)
Waste ID. Code No TUN-980700		· · · · · · · · · · · · · · · · · · ·	
Special Handling Instructions and Additiona			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010			Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept		y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	28.13	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
Generator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
Truck No. R M 7		Towns and a Division of the Control	N. (601 ) 400 0000
Transporter Name: Matthews Truck	vina	Transporter Phone	
Address: 1340 Gwynn Road	dirig		): JACKIE YOUNT
Nesbit, MS 38651			o./State: A 07681 M5
		Vehicle Certificatio	
With my signature, I certify that the above mat the Generator site listed above.	вателат was ріскей пр	delivered without in	, I certify that the above named material was neident to the destination listed below.
Signature Signature	8,13,98 Pickup Date	Sign	Jackin Yound 813,98 Delivery Date
	DESTIN	90	Denvery Date
Site Name: Trash Hunters US	A Of Tunica Inc		D
		38664	Phone No.: (601) 363-2282
Site Address: 6035 Bowdre Rd.		<del></del>	Time:
Riscrepancies:	rial has been shooted ~	ofto the hard of one	knowledge the forest transfer
Riscrepancies:	orial has been accepted at	nd to the best of my	knowledge, the foregoing is true and accurate
Riscrepancies:	rial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate  7  Receipt Date

White - LANOFILL

YMIOW — GENERATOR

Pink — TRANSPORTER

TOTAL TO DATE: 1444, 18



# USA WASTE SERVICES

### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location.	SAME
dress 2163 Airways Blvd.			
Memphis, TN 38114			
one No ( <u>901</u> ) <u>775-0173</u>		Phone No.: (_	)
ste ID Code NoTUN-9807002		<b>,</b>	
ecial Handling Instructions and Additional In	formation:		
h Hunters USA of Tunica, Inc. Permit Number: SW-8720810459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.26	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
	TRANSP	ORTER	Shipment Date
ck No.:		Transporter Phone	No.: (601 ) 429-2200
nsporter Name: <u>Matthews Trucking</u>		Driver Name (print	
iress: 1340 Gwynn Road	<u> </u>	Vehicle License No	o./State: 408242
Nesbit, MS 38651		Vehicle Certificatio	n: MDOT 744970
h my signature, I certify that the above materi he Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was noident to the destination listed below.
nature	/ / Pickup Date	Signature	Bully Date
	DESTIN	ATÍON	
Name:Trash Hunters USA O	f Tunica, Inc.		Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Rob		38664	Time:
crepancies:			
John I I	as been accepted an	d to the best of the k	knowledge, the foregoing is true and accurate
ne (privit) 2 003076	Signature	-//	Receipt Date
White LANG	OFILL Yellow — GENE	RATOR Pink — TRANS	SPORTER TOTAL TO DATE: 1472, 44



3781803

#### **NON-HAZARDOUS WASTE MANIFEST**

		GENE	RATOR	4
Name of Generator.	Defense Distribution De	epot, Memphis	Waste Generation Location:	SAME
Address	2163 Airways Blvd.		Address:	
	Memphis, TN 38114			
Phone No:	901 775-0173		Phone No.: (	
Waste ID. Co	ode No. TUN-9807002		,	
	dling Instructions and Additional I			
				· · · · · · · · · · · · · · · · · · ·
Trash Hunters US	A of Tunica, Inc. Permit Number: SW-0720010458	Ticket Number:		Customer Number:
RESPONSIB	LE AGENCY: Mississippi Dept. of	Environmental Qualit	v (601) 961-5171	
	Waste Description	Actual Quantity	Units	Container Type
Dielo	drın Contaminated Soil	23.17	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator A	UK Kallel uthorized Agent	Signature	h (Callet	Shipment Date
		TRANSF	PORTER	
Truck No.	RM-3		Transporter Phone	No.: (601 ) 429-2200
Transporter I	Name: Matthews Truckin			William Driegt
-	1340 Gwynn Road	<del> </del>	Vehicle License No	· - ~ AOA
	Nesbit, MS 38651	<del> </del>	Vehicle Certificatio	m: MDOT 4902 17
	nature, I certify that the above mate	erial was nicked up		, I certify that the above named material was
at the Gener	rator site listed above.		delivered without	ncident to the destination listed below.
<u> </u>	elian U DOM	8,13,93	Walk	and 13,19
Signature		Pickup Date	Signature	Delivery Date
		DESTIN	IATION	
Site Name	Trash Hunters USA	Of Tunica Inc		Phone No. ( 601 ) 262 2282
Site Address	0005 0 1 01 0		38664	Phone No.: (601)363-2282
©iscrepancie				Time:
		l boo boos cossess.		time and a decided and a decid
G . I	A L	nas peen accepted a	ing ter the best of my	knowledge, the foregoing is true and accurate. $9, \mu, 99$
Name (print)		Signature		Receipt Date
<b>N</b> 0 00:	30 <b>73</b>	ANDFILL Yellow GEN	IERATOR Pinik TRAI	NSPORTER TOTAL TO DATE: 1495.6



# USA WASTE SERVICES

	GENE	RATOR	
me of Defense Distribution De	pot, Memphis	Waste Generation Location	SAME
dress 2163 Airways Blvd.	<u> </u>	Address.	
Memphis, TN 38114			
one No. ( <u>901</u> ) <u>775-0173</u>	<del></del>	Phone No.: (	
iste ID. Code No TUN-9807002			
ecial Handling Instructions and Additional In	formation:		
b Hunters USA of Tumca, Inc. Permit Number SW-0720010459	Ticket Number		Custome Nivertice
•			Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contaminated Soıl	24.49	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	Malla Omen	Shipment Date
15-9	INANSP	ONIEN	
- <del> </del>		Transporter Phone	No (601) 429-2200
nsporter Name: Matthews Trucking		Driver Name (print)	1
Iress: 1340 Gwynn Road		Vehicle License No	
Nesbit, MS 38651		Vehicle Certification	n: MDOT 744970
h my signature, I certify that the above mater he Generator site listed above.	ial was picked up	With my signature, delivered without in	i certify that the above named material was incident to the destination listed below.
nature	Pickup Date	Signature Signature	8, 19, 98  Delivery Date
	DESTIN	 Ation	Joiner, Date
Track House 1104 O			
Name: Trash Hunters USA O		20004	Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Rol		38664	Time:
crepancies:		•	
reby certify that the above named material h	has been accepted an	nd to the best of my k	nowledge, the foregoing is true and accurate.
ne (print)	Signature	<i>y</i> ,	<u>6,14,44</u>
2 003071			Receipt Date
White — LAN	OFILL YMOW - GENE	RATOR Pink — TRANS	SPORTER TOTAL TO DATE: 1520 · 10



3781805

#### **NON-HAZARDOUS WASTE MANIFEST**

		GENE	RATOR	
Name of Generator:	Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
Address	2163 Airways Blvd.		Address	
	Memphis, TN 38114			
Phone No	<u>( 901 <sub>)</sub> 775-0173</u>		Phone No. (	
Waste ID Co	ode No. TUN-9807002		,	
	dling Instructions and Additional	Information:		
T	4 (T in B in B in Blue Grennener	Tislan Mark		
	A of Tunica, Inc. Permit Number SW-0720010459			Customer Number:
	LE AGENCY: Mississippi Dept of Waste Description	f Environmental Qualit Actual Quantity	y (601) 961-5171 Units	Container Type
Dielo	drin Contaminated Soil	27.53	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator A	uthorized Agent	Signature	h Kull	Shipment Date
<del></del>	<u> </u>	INANSP	ORIER	
Truck No.:			Transporter Phone	
·	Name: <u>Matthews Truckir</u>	ng	Driver Name (print)	: JACKIE YOUNIT
	1340 Gwynn Road		Vehicle License No	0./State: H 0 1881 M S
	Nesbit, MS 38651		Vehicle Certification	n MDOT
With my sign at the Gener	nature, I certify that the above materiator site listed above.	erial was picked up	With my signature, delivered without in	I certify that the above named material was noticent to the destination listed below.
Signature	the yount	8,14,98 Pickup Date	Signature	Delivery Date
		DESTIN	IATION	<del>- \</del>
Site Name:	Trash Hunters USA	Of Tunion Inc		
Site Name: . Site Address	000E D		38664	Phone No.: (601) 363-2282
_		Controllating, IAIO		Time:
screpancie		l bas bad		
THE EDY CON	ily that the above named materia	inas been accepted a	nd to the best of my k	cnowledge, the foregoing is true and accurate
Name (print)		Signature	7/	Receipt Date
Nº 003	3072	ANOFILL Yellow — GEN	ERATOR Pink TRAN	TOTAL TO DATE: 1 547 /2



# USA WASTE SERVICES

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of nerator: Defense Distribution Defense Distrib	epot, Memphis	Waste Generation Location: Address: Phone No.: (	)
h Hunters USA of Tunica, Inc. Permit Mumber SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Environmental Qualit  Actual Quantity	y (601) 961-5171 <b>Units</b>	Container Type
Dieldrin Contaminated Soil	24.62	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
THCK K4 //a/ nerator Authorized Agent	Signature	d Kallu	8,14,98 Shipment Date
111 - 7	TRANSP	PORTER	
ck No.: <u>RM - 3</u>		Transporter Phone	No.: (601_) 429-2200
nsporter Name: <u>Matthews Trucking</u>	3	Driver Name (print)	$\frac{M}{2}$
iress 1340 Gwynn Road		Vehicle License No	o./State: A 07477
Nesbit, MS 38651		Vehicle Certification	n: MDQT 4403 /
h my signature, I certify that the above mater he Generator site listed above.	rial was picked up	With my signature,	I certify that the above named material was acident to the destination listed below.
nature () Cd	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: Trash Hunters USA C	of Tunios, Inc.		
Address: 6035 Bowdre Rd. Ro		38664	Phone No.: (601) 363-2282  Time:
ne (print)	has been accepted an Signature	id to the best of my k	nowledge, the foregoing is true and accurate.    S
White — LAI	NOFILL, Yellow — GENI	ERATOR Pink TRANS	SPORTER TOTAL TO DATE: 1572, 25



#### NON-HAZARDOUS WASTE MANIFEST

3781807

	GENE	RATOR	
Name of Generator Defense Distribution Dep		Waste Generation Location:	SAME
Address 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
Phone No ( 901 ) 775-0173		Phone No.: (	)
Waste ID Code No. TUN-9807002			
Special Handling Instructions and Additional Info	rmation.		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of Er	nvironmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	28.56	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
	defined by 40 CFR	261 or any applicable s ng to applicable reguli	state law, has been properly described, classifie ations.
late law or regulation, is not a hazardous waste as and packaged, and is in proper condition for tran	defined by 40 CFR asportation according Signature	261 or any applicable s ag to applicable regula	state law, has been properly described, classifie ations.
date law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transport the state of th	defined by 40 CFR asportation according Signature	261 or any applicable s ng to applicable reguli	state law, has been properly described, classifie ations.
Tate law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transport of the second of the	defined by 40 CFR asportation according Signature	261 or any applicable s ag to applicable regula	state law, has been properly described, classifie ations.  S 15, 58  Shipment Date
Tate law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transport of the second of the	defined by 40 CFR asportation according Signature	261 or any applicable sag to applicable regular Call	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200
Tate law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transpension for Authorized Agent  Truck No.  Representation of the proper condition for transpension for transpe	defined by 40 CFR asportation according Signature	261 or any applicable s ag to applicable regula  COLO  PORTER  Transporter Phone  Driver Name (print	state law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200
State law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Truck No. RM4  Transporter Name: Matthews Trucking	defined by 40 CFR asportation according Signature	PORTER  Transporter Phone Driver Name (print	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200
State law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Truck No.   Matthews Trucking Address: 1340 Gwynn Road	defined by 40 CFR insportation according Signature	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature	state law, has been properly described, classifie ations.  S. 15, 58 Shipment Date  No.: (601) 429-2200  t): RAY Young o./State: 1207899
State law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Truck No.  Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	defined by 40 CFR asportation according Signature  TRANSI  at was picked up	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in	state law, has been properly described, classifie ations.  S. 14.58  Shipment Date  No.: (601 ) 429-2200  I): RAY YOUNG  o./State: 107899  o./State: 107899  o. I certify that the above named material waincident to the destination listed below.
State law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Fruck No.  Fransporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material the Generator site listed above.	defined by 40 CFR insportation according Signature	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 7599  No./State: 107599  No./State: 107599
Tate law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Truck No.  Truck No.  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material the Generator site listed above.	Signature TRANSI  at was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in	state law, has been properly described, classifies ations.  Shipment Date  No.: (601) 429-2200  No.: And Young  No./State: 107899  No./State: 107899  No./State: 1078999  No./ Learning that the above named material was incident to the destination listed below.
Take law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Truck No. RMY  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materials the Generator site listed above.	Signature TRANSI  at was picked up  Pickup Date  DESTIR	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in	state law, has been properly described, classified ations.  S. 15, 98 Shipment Date  No.: (601 ) 429-2200  t): RAY YOUNG  o./State: 1007599  o./State: 1007599  o. I certify that the above named material was incident to the destination listed below.  Delivery Date
Track No.  Respectively. It is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Fruck No.  Respectively. It is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Fruck No.  Respectively. It is not a hazardous waste as and packaged.  Respectively. It is not a hazardous waste as a h	Signature TRANSI  at was picked up  Pickup Date  DESTIR	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (A01 ) 429-2200  Shipment Date  No.: (A01 ) 429-2200  Shipment Date  No.: (A01 ) 429-2200  Delivery Date  Phone No.: (A01 ) 363-2282
State law or regulation, is not a hazardous waste as and packaged, and is in proper condition for transporter Authorized Agent  Fruck No.  Fransporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material the Generator site listed above.	Signature  TRANSI  TRANSI  Al was picked up  Pickup Date  DESTIN  Tunica, Inc.  insonville, MS	261 or any applicable song to applicable regular control of the property of th	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  No.: And Young  No./State: 1907599  No./State: 1907599  No. I certify that the above named material with incident to the destination listed below.  Delivery Date
Site Name:	Signature  TRANSI  All was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature NATION	Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: (501 ) 429-2200  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:
Site Name:	Signature  TRANSI  All was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature NATION	Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT  Incident to the destination listed below.  Phone No.: (601) 363-2282  Time:

Nº 003065

White - LANDFILL

Yellow -- GENERATOR

Pink — TRANSPORTER

TOTAL TO DATE: 1600.81



# USA WASTE SERVICES

	GEN	RATOR	
me of nerator: Defense Distribution De tress: 2163 Airways Blvd.	pot, Memphis	Waste Generation Location:	
Memphis, TN 33114		Address	
one No. (901) 775-0173			
ste ID. Code No TUN-9807002	· · · · · · · · · · · · · · · · · · ·	Pnone No.: (	)
ecial Handling Instructions and Additional Inf	<del></del>		
Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:	·	Customer Number.
SPONSIBLE AGENCY: Mississippi Dept. of E	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soıl	24.6p	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum       Truck ☐ Carton  ☐ Box ☐ Bag   ☐ Other:  Volume:
rmy signature, I certify that the above named law or regulation, is not a hazardous waste as packaged, and is in proper condition for training the state of the s	nsportation accordin		state law, has been properly described, classifications.
packaged, and is in proper condition for train	nsportation according	g to applicable regula	
packaged, and is in proper condition for training the second seco	Signature  TRANSP	g to applicable regular  CORTER	state law, has been properly described, classifications.  Shipment Date
packaged, and is in proper condition for training the second seco	Signature  TRANSP	g to applicable regular  CORTER  Transporter Phone	State law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200
packaged, and is in proper condition for training the second seco	Signature  TRANSP	g to applicable regular  CORTER  Transporter Phone  Driver Name (print)	State law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200
packaged, and is in proper condition for training the sporter Name:  Matthews Trucking ess:1340 Gwynn Road	Signature  TRANSP	g to applicable regular  GORTER  Transporter Phone  Driver Name (print)  Vehicle License No.	No.: (601) 429-2200  Shipment Date
packaged, and is in proper condition for training the second section of the second sec	Signature  TRANSP	g to applicable regular contents of any applicable regular contents of applicable regular con	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Co./State: 408343  MDOT 7449776
packaged, and is in proper condition for training and a superator Authorized Agent  A No:  A No:  A Matthews Trucking  A Sess:  A 1340 Gwynn Road  A Nesbit, MS 38651  The my signature, I certify that the above materials a Generator site listed above.	Signature  TRANSP	g to applicable regular contents of any applicable regular contents of applicable regular con	No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT 744970  I certify that the above named material wand oddent to the destination listed below.
packaged, and is in proper condition for training and a superator Authorized Agent  Sporter Name: Matthews Trucking ess: 1340 Gwynn Road  Nesbit, MS 38651 my signature, I certify that the above materials Generator site listed above.	Signature  TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Co./State: 408242  Co./State: 40
packaged, and is in proper condition for training and a superator Authorized Agent  A No:  Matthews Trucking  Sporter Name:  Matthews Trucking  Sess:  1340 Gwynn Road  Nesbit, MS 38651  my signature, I certify that the above materials of Generator site listed above.	Signature  TRANSP  TRANSP  al was picked up  Dickup Date  DESTIN	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  No.: (601) 429-2200  No.: MDOT 744578  I certify that the above named material wand dent to the destination listed below.  Delivery Date
packaged, and is in proper condition for training the second section of the second second section of the section of the second secti	TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT 744970  I certify that the above named material wanded in the destination listed below.  Phone No.: (601) 363-2282
packaged, and is in proper condition for training the second seco	TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP  TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2200  No.: (601) 429-2200  No.: MDOT 744978  I certify that the above named material wand dent to the destination listed below.  Delivery Date
packaged, and is in proper condition for training the service of t	TRANSP  TRANSP  TRANSP  All was picked up  Dickup Date  DESTIN  Tunica, Inc.  insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT 744970  I certify that the above named material wanded in the destination listed below.  Phone No.: (601) 363-2282
packaged, and is in proper condition for training the proper Authorized Agent  No:    GT - 8	TRANSP  TRANSP  TRANSP  All was picked up  Dickup Date  DESTIN  Tunica, Inc.  insonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No.: (601) 429-2200  No.: (601) 429-2200  No.: MDOT 744970  I certify that the above named material wanded to the destination listed below.  Phone No.: (601) 363-2282  Time:



#### NON-HAZARDOUS WASTE MANIFEST

3781809

	GENE	RATOR	
Name of Generator: Defense Distribution Depo	t, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address	
Memphis, TN 38114	<del></del>		
Phone No. ( 901 ) 775-0173		Phone No (	
Waste ID Code No TUN-9807002		·	
Special Handling Instructions and Additional Infor	mation:		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of Env	vironmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	21.05	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other
Generator Authorized Agent	Signature	POPTER	Shipment Date
<u> </u>	· · · · · · · · · · · · · · · · · · ·	Offich	-
- · · · · · · · · · · · · · · · · · · ·			
		Transporter Phone	
fransporter Name: Matthews Trucking		Driver Name (print)	: JACKIE YOUNT
Transporter Name: Matthews Trucking Address: 1340 Gwynn Road		Driver Name (print) Vehicle License No	State: AOSSIMS
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651		Driver Name (print) Vehicle License No Vehicle Certification	State: AOSSIMS
Transporter Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material		Driver Name (print) Vehicle License No Vehicle Certification With my signature,	n: MDOT  I certify that the above named material was
Address: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	was picked up	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	State: AOSSIMS
Address: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.		Driver Name (print) Vehicle License No Vehicle Certification With my signature,	n:
Address: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	was picked up	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	n:
Address 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Pi	was picked up  11, 5 8 ckup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	n:
Address:	was picked up  11, 6 8  ckup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	n:
Address:	was picked up  11, 6 8  ckup Date  DESTIN	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	h: JACK, e You of the state of
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Pi  Site Name: Trash Hunters USA Of Site Address: 6035 Bowdre Rd. Robin Riscrepancies.	was picked up  L C S Ckup Date  DESTIN  Tunica, Inc.  nsonville, MS	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  IATION  38664	c: JACK, e You of the state: A C S S I M S
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Pi  Site Name: Trash Hunters USA Of Site Address: 6035 Bowdre Rd. Robin Discrepancies.  hereby certify that the above named material has	was picked up  L S S S S S S S S S S S S S S S S S S	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  IATION  38664	c: JACK, e You of the state: A C S S M S S S S S S S S S S S S S S S S
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Pi  Site Name: Trash Hunters USA Of Site Address: 6035 Bowdre Rd. Robin Discrepancies.  hereby certify that the above named material has	was picked up  L C S Ckup Date  DESTIN  Tunica, Inc.  nsonville, MS	Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  IATION  38664	c: JACK, e You of the state: A C S S I M S



# USA WASTE SERVICES

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation	SAME
tress: 2163 Airways Blvd.			O/WIL
Memphis, TN 38114		Add1000	
one No. (_901_) _775-0173		Phone No. (	
ste ID. Code NoTUN-9807002		7 Horie 140. (	)
ecial Handling Instructions and Additional In	formation:		
Hunters USA of Tunica, Inc. Permit Number: SW-8720810459			Customer Number:
SPONSIBLE AGENCY. Mississippi Dept. of E Waste Description		y (601) 961-5171	
vvasie Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	21.70	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum
	TRANSP	ORTER	Shipment Date
< No. RM-3		Transporter Phone	No.: (601 ) 429-2200
sporter Name. Matthews Trucking			MALLAN DINEAL
ess: 1340 Gwynn Road		Vehicle License No	1.0.00
Nesbit, MS 38651		Vehicle Certification	
my signature, I certify that the above materials Generator site listed above.	14 198	With my signature, delivered without in	I certify that the above named material was incident to the destination listed below.
	Pickup Date	Signature	Delivery Date
	DESTINA	ATION	
Name:Trash Hunters USA Of	Tunica, Inc.		Phone No.: (601) 363-2282
Address. 6035 Bowdre Rd. Robi	insonville, MS (	38664	Time:
spancies:			
by certify that the above named material ha	as been accepted and	to the best of my ki	nowledge, the foregoing is true and accurate.
(print)		ZM	8 14 90
003068	Signature		Receipt Date
White LAND!	FILL Yellow - GENER	MOTOR Pink — TRANS	PORTER TOTAL TO DATE: 1674.27



3781811

	GENERATOR
Name of Generator: Defense Distribution Depot, Memp	Waste Generation Location. SAME
Address 2163 Airways Blvd.	Address:
Memphis, TN 38114	
Phone No (901) 775-0173	Phone No : ()
Waste ID. Code No.: TUN-9807002	·
Trask Hunters USA of Tunica, Inc. Permet Number: SW-0720010459 Ticket Num	ber Customer Number
RESPONSIBLE AGENCY: Mississippi Dept of Environmenta	Quality (601) 961-5171
Waste Description Actual Qua	tity Units Container Type
Dieldrin Contaminated Soil 243	□ Pounds         □ Drum         ☑ Truck           ☑ Tons         □ Carton         □ Box           □ Cu. Yd.         □ Bag         □ Other:           □ Cu. Ft.         Volume:
Generator Authorized Agent Signature	Shipment Date  ANSPORTER
2011	ANSPORTER
Truck No.: K/F/C	Transporter Phone No.: ( <u>601</u> ) <u>429-2200</u>
Transporter Name: Matthews Trucking	Driver Name (print): F Yours
Address 1340 Gwynn Road	Vehicle License No./State: A 07879
Nesbit, MS 38651	Vehicle Certification: MDOT
With my signature, I certify that the above material was picked at the Generator site listed above.	With my signature, I certify that the above named material was delivered without incident to the destination listed below.
K young 8,14,	1
Signature / U Pickup Date	Signature Delivery Date
	ESTINATION
Site Name:Trash Hunters USA Of Tunica.	Inc
Site Address: 6035 Bowdre Rd. Robinsonville	MC 20004
	I IIII .
Discrepancies:	
nereby certify that the above named material has been acc	epted and to the best of my knowledge, the foregoing is true and accurate.
Name (print)	Receipt Date
Nº 003069	DW - GENERATOR PINK - TRANSPORTER TOTAL TO DATE: /698.35



# USA WASTE SERVICES

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.			
Memphis, TN 38114			
one No (901) 775-0173		Phone No : /	)
ste ID. Code No.:TUN-9807002	· · · · · · · · · · · · · · · · · · ·		
ecial Handling Instructions and Additional In	formation.	***************************************	
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number.
SPONSIBLE AGENCY: Mississippi Dept. of I			
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	22,00	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	ORTER	Shipment Date
		ORIER	
zk No :	·	Transporter Phone	No.: (601 ) 429-2200
sporter Name: Matthews Trucking	<del></del>	Driver Name (print)	5 5 361 7
ress: 1340 Gwynn Road	<del></del>	Vehicle License No	/State: AU8242
Nesbit, MS 38651		Vehicle Certification	1: MDOT 744970
n my signature, I certify that the above materine Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was acident to the destination listed below.
nature	/ / Pickup Date	Signature	8,14,98
	DESTINA		Delivery Date
Name: Trash Hunters USA Of	f Tunios Inc	<del></del>	
Address: 6035 Bowdre Rd. Rob		38664	Phone No.: (601) 363-2282
repancies:			Time:
	as been accepted an	d.to.the hest of my b	nowledge, the foregoing is true and accurate.
BAN LANGER	May		K, 14. 90
e (print)	Signature		Receipt Date
? 003070 White - LANC	OFILL Yellow GENEI	RATOR Pink TRANS	SPORTER TOTAL TO DATE: 1720,35



**NON-HAZARDOUS WASTE MANIFEST** 

3781813

	GENE	RATOR	
Name of Generator Defense Distribution E  Address. 2163 Airways Blvd.		Waste Generation Location: Address:	SAME
Memphis, TN 38114			
Phone No: (901) 775-0173		Phone No (	
Waste ID. Code No TUN-980700		•	
Special Handling Instructions and Additional		***********	
Trash Hunters USA of Tunica, Inc. Permit Number: SW-072001045	59 Ticket Number		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept.  Waste Description	of Environmental Qualit  Actual Quantity	y (601) 961-5171 <b>Units</b>	Container Type
Dieldrin Contaminated Soil	23.66	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date
Truck No.: Rm			No.: (601 ) 429-2200
Transporter Name: Matthews Trucki	ng	· · · · · · · · · · · · · · · · · · ·	JACKIE YOUNT
Address 1340 Gwynn Road			o./State: A0881 m5
Nesbit, MS 38651		Vehicle Certification	
With my signature, I certify that the above ma	aterial was picked up		, I certify that the above named material was
at the Generator site listed above.	1100	delivered without i	ncident to the destination listed below.
Signature Signature	Pickup Date	Signatule	Delivery Date
V	DESTIN	IATION	
Site Name: <u>Trash Hunters USA</u>	Of Tunica, Inc.	-	Phone No.: (601) 363-2282
Site Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Time:
Discrepancies.			
hereby certify that the above named material ALASAN Name (brint)	ial has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate
Nº 003101	Signarora	<b>-</b>	Redeipt Date
	- LANDFILL Yellow — GEN	IERATOR Pink TRAI	NSPORTER TOTAL TO DATE: 1744.0



# USA WASTE SERVICES

	GENE	RATOR	
ne of Defense Distribution E	Depot, Memphis	Waste Generation Location:	SAME
tress 2163 Airways Blvd.		Address.	
Memphis, TN 38114		<del></del>	
one No. (_901_) _775-0173	<del></del>	Phone No.: (	)
ste ID. Code No.:TUN-980700	2		
scial Handling Instructions and Additional	Information		
Hunters USA of Tunica, Inc. Permit Number: SW-072001045	¶ Ticket Number: _		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept (	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contamınated Soil	26.02	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum   ☐ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
TACK Killul	transportation accordin	g to applicable regula	12 8 1979
TACK Kallal	transportation accordin	g to applicable regula	state law, has been properly described, classifie ations.
TACK Killach  Terator Authorized Agent	Signature	g to applicable regula	Shipment Date
TACK Killar   erator Authorized Agent	Signature TRANSF	ORTER Transporter Phone	Shipment Date  No.: (601 ) 429-2200
TACK Killach  rerator Authorized Agent  k No.:	Signature TRANSF	ORTER  Transporter Phone Driver Name (print)	No.: (601 ) 429-2200
TACK Killach  ierator Authorized Agent  ik No.:	Signature TRANSF	ORTER  Transporter Phone Driver Name (print) Vehicle License No	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
ress: 1340 Gwynn Road  Nesbit, MS 38651  The rest signature, I certify that the above mate	Signature TRANSF	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601 ) 429-2200  : Toe Graham  o./State: 108242
erator Authorized Agent  k No.:	Signature TRANSF	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date
sporter Name: Matthews Trucking 1340 Gwynn Road  Nesbit, MS 38651  Impression of the state of th	Signature TRANSF	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date
sporter Name: Matthews Trucking 1340 Gwynn Road  Nesbit, MS 38651  Impression of the state of th	Signature TRANSF	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (501) 429-2200  Shipment Date
ress:	Signature TRANSF  TRANSF  Perial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (501) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  Phone No.: (601) 363-2282
ress:	Signature TRANSF  TRANSF  Perial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
reparties:	Signature TRANSF  TRANSF  Og  Pickup Date  DESTIN  Of Tunica, Inc. obinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  Oxider  No.: (501 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shi
reparties:	Signature TRANSF  TRANSF  Og  Pickup Date  DESTIN  Of Tunica, Inc. obinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Phone No.: (601) 363-2282  Time:



3781815

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distributio	n Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd		Address	
Memphis, TN 3811	4		
Phone No ( 901 ) 775-0173		Phone No.: (	)
Waste ID. Code No.: TUN-9807	002	•	
Special Handling Instructions and Addition	onal Information:	·	
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720	010459 Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi De	ept. of Environmental Quality	y (601) 961-5171	
Waste Description	<b>Actual Quantity</b>	Units	Container Type
Dieldrın Contaminated Soıl	26.30	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSP	OPTED	Shipment Date
200 1	TRANSF	ONIER	
		,	No.: (601_) 429-2200
Transporter Name: Matthews Tru	<u>cking</u>	Driver Name (print	1): R You No
Address: 1340 Gwynn Road		Vehicle License N	o./State: <u>AO 7879</u>
Nesbit, MS 38651	M	Vehicle Certification	on: <u>MDOT</u>
With my signature, I certify that the above at the Generator site listed above.	material was picked up	With my signature delivered without is	<ul> <li>I certify that the above named material was neident to the destination listed below.</li> </ul>
Signature / Signature	Pickup Date	6:	
		Signature	Delivery Date
	DESTIN	ATION	
Site Name: Trash Hunters U	SA Of Tunica, Inc.		Phone No.: (601) 363-2282
	. Robinsonville, MS	38664	Time:
Discrepancies:			
· · · · · · · · · · · · · · · · · · ·		nd to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature		Fleceipt Date
Nº 003108	ito — LANOFILL Yellow — GEN	ERATOR Pink TRAI	TOTAL TO DATE: 14 22



### USA WASTE SERVICES

	GENE	RATOR		
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location	SAME	
	<u> </u>	Address		
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ste ID Code No.: TUN-9807002				
ecial Handling Instructions and Additional Ir	oformation:			
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459			Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept of Waste Description	Environmental Quality Actual Quantity	y (601) 961-5171 Units	Containe	r Type
Dieldrin Contaminated Soıl	29.06	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truc ☐ Carton ☐ Box ☐ Bag ☐ Other	3
nerator Authorized Agent	Signature	ORTER		Shipment Date
sk No: Rm 7				
		Transporter Phone		
sporter Name: Matthews Trucking	<u> </u>		JACKIE	YOUNT
iress 1340 Gwynn Road	<del></del>	Vehicle License No	./State: <u>A 088</u>	ms
Nesbit, MS 38651		Vehicle Certification	n: <u>MDOT</u>	
n my signature, I certify that the above mater he Generator site listed above.	ial was picked up	With my signature,	I certify that the above nicident to the destination li	amed material was
jature Jount 8	Pickup Date	Signature	prent	811798
71	DESTINA		4	Delivery Date
Name: Trach Huntorn USA O				
Name: Trash Hunters USA O Address: 6035 Bowdre Rd. Rot		29664	Phone No.: (601) _36	63-2282
Address:	misorivine, Mis	30004	Time:	
	see heen shadwad ad	W 42 45 - 5 - 4 - 4 - 4		
reby certify that the above hamed material h	T . 9	u to the pest of my k	nowledge, the foregoing is	true and accurate.
ne (print)	Signature	11		Receipt Date
2 003107 White - LAN	DFILL Vallow GENE	RATOR Pink TRANS	TOTAL TO DATE:	1827.39



3781817

	GENE	RATOR		
Name of Generator: Defense Distribution Defense Dis	epot, Memphis	Waste Generation Location: Address: Phone No.: (	)	-
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Nu	mber:
RESPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Environmental Quality  Actual Quantity	y (601) 961-5171 Units		Container Type
Dieldrin Contaminated Soil	25.29	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☐ Carton ☐ Bag Volume	☐ Truck☐ Box☐ Other:
Generator Authorized Agent	Signature	A Kall		Shipment Date
Truck No.: 44822			601	400,000
Transporter Name: Matthews Truckin		Transporter Phone Driver Name (print)	11.	429-2200
Address: 1340 Gwynn Road		Vehicle License No		~ ~ ~ ~
Nesbit, MS 38651		Vehicle Certification	, ,	
With my signature, I certify that the above mate at the Generator site listed above.	erial was picked up	With my signature, delivered without is	, I certify that th	e above named material was stination listed below.
Signature	Pickup Date	Signature	<u> </u>	Delivery Date
-	DESTIN	IATION		
Site Name:Trash Hunters USA (	Of Tunica Inc		Dhone No. / C	01) 202 0000
Site Address: 6035 Bowdre Rd. Ro		38664		01) 363-2282
hereby certify that the above named material	has been accepted a	nd to the best of my i	knowledge, the fo	oregoing is true and accurate
Name (print)	Signature	111		Receipt Date
Nº 003086	ANDFILL Yellow — GEN	ERATOR Pink TRAN	ISPORTER TOTA	L TO DATE: 18.52,68



# USA WASTE SERVICES

	GENE	RATOR	
ne of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
ress 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
ine No. ( <u>901</u> ) <u>775-0173</u>		Phone No. (	)
ste ID Code No.:TUN-9807002			
scial Handling Instructions and Additional In	formation:		
Handar Head of T is a large to the same of			
Hunters USA of Tunica, Inc. Permit Number: SW-0720010459			Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of		y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated	2116	☐ Pounds	☐ Drum ☑ Truck
Soil	25.60	☐ Cu. Yd.	☐ Carton ☐ Box ☐ Bag ☐ Other:
		☐ Cu. Ft.	Bag Other:
	TRANSP	ORTER	Shipment Date
k No.: GT -6		Tongs at a Di	N . CO1
sporter Name: Matthews Trucking		Transporter Phone	
ress: 1340 Gwynn Road		Driver Name (print	1
Nesbit, MS 38651			o./State: 1082 42
my signature, I certify that the above materi	al was sisked up	Vehicle Certificatio	
e Generator site listed above.	ai was picked up	delivered without in	, I certify that the above named material was neident to the destination listed below.
ature	Pickup Date	Signature	Delivery Date
	DESTINA	V -	Delivery Date
Name: Tranh Huntara LICA O			
Name: <u>Trash Hunters USA Or</u>		20004	Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Rob	insonville, MS	38664	Time:
repancies:	<del></del>		
eby certify that the above named material h	as been accepted an	Pto the best of my k	nowledge, the foregoing is true and accurate
e (print)	Signature		4,17,98
003106	Sandidia /		Receipt Date
White LANC	FILL YMEN - GENE	BATON Diek TOAM	TOTAL TO DATE: K24.34



#### NON-HAZARDOUS WASTE MANIFEST

3781819

	GENE	RATOR		•
Name of Generator Defense Distribution Depo	t, Memphis	Waste Generation Location:	SAME	1 m
Address: 2163 Airways Blvd.				20
Memphis, TN 38114				
Phone No. ( 901 ) 775-0173		Phone No.: (	)	
Waste ID Code No TUN-9807002		, ( <u> </u>		
Special Handling Instructions and Additional Inforr	nation.	<u></u>		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-8728010459	Ficket Number		Customer Number.	
RESPONSIBLE AGENCY Mississippi Dept. of Env	rironmental Qualit	y (601) 961-5171		
Waste Description A	Actual Quantity	Units	Cont	ainer Type
Dieldrin Contaminated Soil	27.16	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Carton ☐	Other
and packaged, and is in proper condition for trans  THOM KAILE  Generator Authorized Agent	portation according	261 or any applicable s ig to applicable regula	state law, has been prop ations.	8,14,90
and packaged, and is in proper condition for trans	portation according	g to applicable regula	state law, has been prop ations.	Shipment Date
and packaged, and is in proper condition for trans  THCK Kallal  Generator Authorized Agent	portation according	cillet	ations.	Shipment Date
and packaged, and is in proper condition for trans  THCK Kallal  Generator Authorized Agent  S  Truck No.:	Signature TRANSE	PORTER  Transporter Phone  Driver Name (print)	No.: (601) 42	Shipment Date
and packaged, and is in proper condition for trans  THCK Kallal  Generator Authorized Agent	Signature TRANSE	PORTER  Transporter Phone  Driver Name (print)	No.: (601) 42	Shipment Date
and packaged, and is in proper condition for trans  THCK Kalla  Generator Authorized Agent  S  Truck No.: GT - 6  Transporter Name: Matthews Trucking	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No	ations.  No.: (601 ) 42  t): CC GCZNG  lo./State: 1083	Shipment Date
and packaged, and is in proper condition for trans  THEK KALLE  Generator Authorized Agent  S  Truck No.:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	ations.  No.: (601 ) 42  t): CC GCZNG  lo./State: 1083	Shipment Date  9-2200  47  197 8  we named material wa
Generator Authorized Agent  Truck No.:  Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	ations.  No.: (601 ) 42  t): Conclusion And Andrew	Shipment Date  9-2200  47  197 8  we named material wa
Generator Authorized Agent  Truck No.:  Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without)	ations.  No.: (601 ) 42  t): Conclusion And Andrew	Shipment Date  9-2200  197 8  ve named material wa
Generator Authorized Agent  Truck No.:  Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature	ations.  No.: (601 ) 42  t): Conclusion And Andrew	Shipment Date  Shipment Date  9-2200  47  77  No named material was on tisted below.  8, ) 7, 9
and packaged, and is in proper condition for trans  THELL KALLE  Generator Authorized Agent  Senerator Authorized Agent  Truck No.:  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature  Picture  Pi	TRANSF  was picked up  ckup Date	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature	ations.  No.: (601 ) 42  t): Conclusion All All All All All All All All All Al	Shipment Date  19-2200  197 8  Ive named material water to listed below.  8, 7, 9  Delivery Date
Generator Authorized Agent  Truck No.:  Generator Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Pice Coast Revended Rd Poble	TRANSF  Was picked up  / ckup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature	ations.  No.: (601 ) 42  t): Conclusion Allows Allo	Shipment Date  Shipment Date  Shipment Date  Shipment Date  Shipment Date  Shipment Date
Generator Authorized Agent  Truck No.:  Generator Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Picture Site Name: Trash Hunters USA Of Site Address:6035 Bowdre Rd. Robin	TRANSF  Was picked up  / ckup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature	ations.  No.: (601 ) 42  t): Conclusion Allows Allo	Shipment Date  Shipment Date  9-2200  97 8  We named material water to below.  Shipment Date  29-2200  97 8  Pelivery Date
Address:	TRANSF  Was picked up  / / / ckup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature  IATION	ations.  No.: (601 ) 42  t): Conclusion Allows Allo	Shipment Date  Shipment Date  9-2200  97 8  We named material water to below.  Shipment Date  29-2200  97 8  Pelivery Date  363-2282
Generator Authorized Agent  Truck No.:  Generator Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Picture Site Name: Trash Hunters USA Of Site Address:6035 Bowdre Rd. Robin	TRANSF  Was picked up  / / / ckup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature  IATION	ations.  No.: (601 ) 42  t): Conclusion Allows Allo	Shipment Date  Shipment Date  9-2200  97 8  We named material water to below.  Shipment Date  29-2200  97 8  Pelivery Date
Generator Authorized Agent  Truck No.:  Generator Name: Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material at the Generator site listed above.  Signature Picture Site Address: 6035 Bowdre Rd. Robin screpancies:  hereby certify that the above named material has	TRANSF  Was picked up  / / / ckup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without) Signature  IATION	ations.  No.: (601 ) 42  t): Conclusion Allows Allo	Shipment Date  Shipment Date  9-2200  97 8  We named material water to below.  Shipment Date  29-2200  97 8  Pelivery Date



	GENE	RATOR	
me of nerator: Defense Distribution De	1)0*0000 Disksib		SAME
tress 2163 Airways Blvd.			
Memphis, TN 38114			
one No.: (_901) 775-0173 ste ID. Code No.:TUN-9807002		Phone No : (	)
		· · · · · · · · · · · · · · · · · · ·	
ecial Handling Instructions and Additional Ir			
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number: _		Customer Number:
SPONSIBLE AGENCY. Mississippi Dept. of	Environmental Qualit	y (601) 961-5171	
Waste Description	<b>Actual Quantity</b>	Units	Container Type
Dieldrin Contaminated Soil	24.30	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
THICK KA 1/4/	ansportation according	g to applicable regula	ations.
THICK KA 1/4/	Signature Signature	g to applicable regula	stions.  Shipment Date
THICK A 1/4/ nerator Authorized Agent	Signature TRANSF	g to applicable regular straight of the control of	Shipment Date
THILL KALLAL  nerator Authorized Agent  ck No.: RMY	Signature  TRANSF	g to applicable regular  CORTER  Transporter Phone	Shipment Date  No.: (601 ) 429-2200
packaged, and is in proper condition for the State of Sta	Signature  TRANSF	g to applicable regular  CORTER  Transporter Phone  Driver Name (print)	No.: (601 ) 429-2200
packaged, and is in proper condition for the TACK Rule Rule Rule Rule Rule Rule Rule Rule	Signature  TRANSF	g to applicable regular  CELLIC  PORTER  Transporter Phone  Driver Name (print)  Vehicle License No.	No.: (601 ) 429-2200
packaged, and is in proper condition for the TACK A L/4/ nerator Authorized Agent  ck No.: RM / nsporter Name. Matthews Trucking tress: 1340 Gwynn Road  Nesbit, MS 38651	Signature  TRANSE	Transporter Phone Driver Name (print Vehicle License No	No.: (601 ) 429-2200  No.: (601 ) 79  No./State: 407879
packaged, and is in proper condition for the TACK A L/4/ nerator Authorized Agent  ck No.: RM / nsporter Name. Matthews Trucking tress: 1340 Gwynn Road	Signature  TRANSE	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature.	No.: (601 ) 429-2200 Shipment Date  No.: (601 ) 429-2200
packaged, and is in proper condition for the state of the	Signature TRANSF	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  No.: (501 ) 429-2200  No.: MOUNG  No.: MDOT  No.: MDOT  No.: Lortify that the above named material was incident to the destination listed below.
repackaged, and is in proper condition for the state of t	TRANSF  rial was picked up  Pickup Date	g to applicable regular control of the control of t	Shipment Date  No.: (601_) _429-2200  Shipment Date  No.: (601_) _429-2200  Shipment Date
packaged, and is in proper condition for the state of the	Signature TRANSF	g to applicable regular control of the control of t	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: MOUNG  In it is in the control of the destination listed below.
packaged, and is in proper condition for the state of the second section of the second s	TRANSF  Trial was picked up  Pickup Date  DESTIN	g to applicable regular control of the control of t	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Delivery Date
packaged, and is in proper condition for the state of the	TRANSF  Trial was picked up  Pickup Date  DESTIN	g to applicable regular control of the control of t	Shipment Date  No.: (601 ) 429-2200  No.: (501 ) 79  No./State: 79
packaged, and is in proper condition for the state of the	rial was picked up  Pickup Date  DESTIN  Dinsonville, MS	g to applicable regular control of the control of t	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Delivery Date
reparting the proper condition for the second secon	TRANSF TRANSF  TRANSF  Pickup Date  DESTIN  Of Tunica, Inc.  binsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601 ) 363-2282
repackaged, and is in proper condition for the state of t	TRANSF TRANSF  TRANSF  Pickup Date  DESTIN  Of Tunica, Inc.  binsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601 ) 363-2282  Time:



### NON-HAZARDOUS WASTE MANIFEST

3781821

	GENEI	RATOR -	
Name of Generator: Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address:	
Memphis, TN 38114		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Phone No · ( 901 ) 775-0173		Phone No : /	
Waste ID Code No TUN-9807002		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Special Handling Instructions and Additional	Information.		
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010455	Ticket Number:		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept. o	f Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.49	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	ORTER	Shipment Date
Truck No. Rm7		Transporter Phone	No.: (601_) 429-2200
Transporter Name: Matthews Trucking	ng	,	
Address: 1340 Gwynn Road		Driver Name (print): <u>JACK1</u> e Yound	
Nesbit, MS 38651	· ·	Vehicle License No./State: AUSS / MS	
With my signature, I certify that the above may at the Generator site listed above.	terial was picked up	With my signature	. I certify that the above named material was neident to the destination listed below.
Signature Jackie Journ	8,17,98 Pickup Date	Signatur	Le Yount 8,17,98  Delivery Date
	DESTIN	IATION	
Site Name: Trash Hunters USA Site Address: 6035 Bowdre Rd. R	· -	38664	Phone No.: (601) 363-2282
Discrepancies.			Time:
	al has been deanied :	art Reference at	knowledge, the foregoing is true and accurate
The state of the s	ai nes paen escepted a	nume best or my	Knowledge, the foregoing is true and accurate
Name (print)	Signature		Receipt Date
Nº 003103	LANDEIL	JERATOR Pink - TRAI	NSPORTER TOTAL TO DATE: 1958, 75



3781822

	GENE	na; on	
_	erator: Defense Distribution Depot, Memphis		SAME
tress 2163 Airways Blvd.	·	Address:	
Memphis, TN 38114		<del>-</del>	
		Phone No.: ()	
ste ID Code No TUN-9807002			
ecial Handling Instructions and Additional In	formation:		
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Tinker Mumhan		
		****	Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of		y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated	3117	☐ Pounds ☑ Tons	☐ Drum ☑ Truck
Soil	21.43	□ Cu Yd.	☐ Carton ☐ Box ☐ Bag ☐ Other:
		☐ Cu. Ft.	Volume:
p packaged, and is in proper condition for tra	ansportation according	261₁or anv apolicable :	state law, has been properly described, classified ations.
p law of regulation, is not a nazaroous waste a packaged, and is in proper condition for tra	Signature	g to applicable regul	state law, has been properly described, classified ations.
p law or regulation, is not a nazaroous waste a packaged, and is in proper condition for transfer and the law of the law	Signature TRANSF	g to applicable regul	state law, has been properly described, classified ations.  Liki Shipment Date
b law of regulation, is not a nazaroous waste a packaged, and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.  The packaged and is in proper condition for trace.	Signature TRANSF	g to applicable regul	state law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200
the No.: Habita nazarous waste a spackaged, and is in proper condition for track No.: Habita Day 2 2 maporter Name: Matthews Trucking	Signature TRANSF	g to applicable regul  CORTER  Transporter Phone  Driver Name (print	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  A L BUN PRUM
packaged, and is in proper condition for tracking the sporter Name:  Matthews Trucking tress:  1340 Gwynn Road	Signature TRANSF	PORTER  Transporter Phone  Driver Name (print)	state law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200  1): A BUN PRHM  o./State: A 2 3 07
ck No.: H B 2 Z  Insporter Name: Matthews Trucking  Iress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materi	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License Note that the print With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  No.: A BUN PRUM  o./State: A 2 3 0 7  on: MDOT
ck No.: H B 2 Z  Insporter Name: Matthews Trucking  Iress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materi	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License Note that the print With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200  1): A BUN PRUM  o./State: A 2 3 07
packaged, and is in proper condition for transfer Authorized Agent  Ck No.:   Matthews Trucking  Press: 1340 Gwynn Road  Nesbit, MS 38651  The my signature, I certify that the above material and the Generator site listed above.	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License Note that the print With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  No.: A BUN PRUM  o./State: A 2 3 0 7  on: MDOT
ck No.: H B D Z Z  Insporter Name: Matthews Trucking  Press: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materials the Generator site listed above.	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  No.: A BUN PRHM  o./State: A 2 3 0 7  on: MDOT  o, I certify that the above named material was incident to the destination listed below.
ck No.: H B D Z Z  Insporter Name: Matthews Trucking  Press: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materiate Generator site listed above.  Name: Trash Hunters USA O	Signature  TRANSF  TRANSF  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  No.: A BUN PRHM  o./State: A 2 3 0 7  on: MDOT  o, I certify that the above named material was incident to the destination listed below.
properties and is in proper condition for tracking the No.:     A	Signature  TRANSF  TRANSF  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): A BUN PRUM  o./State: A 2 3 5 7  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  Delivery Date
nerator Authorized Agent  Ck No.:   Matthews Trucking  Agent   Matthews Tru	Signature  TRANSF  TRANSF  TRANSF  DESTIN  Tunica, Inc.  Dinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	state law, has been properly described, classified ations.    Clin   S   7   9     Shipment Date     No.: (601 ) 429-2200     A BUN PRUM     O./State: A 2 3 0 7     On: MDOT     On: MDOT     On: Lectify that the above named material was incident to the destination listed below.    Delivery Date
proper law of regulation, is not a nazardous waste a packaged, and is in proper condition for tracking the sporter Name:  Matthews Trucking tress:  1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materiate Generator site listed above.  Name:  Trash Hunters USA O  Address:  6035 Bowdre Rd. Rotherspancies:  Teby certify that the above named material in	Signature  TRANSF  TRANSF  TRANSF  DESTIN  Tunica, Inc.  Dinsonville, MS	ORTER  Transporter Phone Driver Name (print Vehicle License N. Vehicle Certification With my signature delivered without in Signature  ATION	state law, has been properly described, classified ations.    Clin   S   7   9     Shipment Date     No.: (601 ) 429-2200     O   No.: A   B   No.   PRUM     O   State: A   2   3   0     O   O   No.: MDOT     O   I   Certify that the above named material was incident to the destination listed below.    Delivery Date
packaged, and is in proper condition for tracking the sporter Name: Matthews Trucking tress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above materiate Generator site listed above.  Name: Trash Hunters USA O  Address: 6035 Bowdre Rd. Roberts and serepancies:	Signature  TRANSF  TRANSF  TRANSF  DESTIN  Tunica, Inc.  Dinsonville, MS	ORTER  Transporter Phone Driver Name (print Vehicle License N. Vehicle Certification With my signature delivered without in Signature  ATION	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  I): A BUN PRHM  o./State: A 2 3 0 7  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  Phone No.: (601) 363-2282  Time:



3781823

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Name of Generator: Defense Distribution Defense Dis	epot, Memphis	Waste Generation Location:	SAME	
Address 2163 Airways Blvd.		Address		
Memphis, TN 38114				
Phone No. (901) 775-0173		Phone No.: ()		
Waste ID. Code No TUN-9807002			,	
Special Handling Instructions and Additional I	nformation			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept. o	f Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	28.93	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date	
Truck No.: Rm 7		Transporter Phone	No.: (601 ) 429-2200	
Transporter Name: Matthews Trucking	ng	•	): JACKIE YOUNT	
Address: 1340 Gwynn Road		Vehicle License No./State: A 2881 m 5  Vehicle Certification: MDOT		
Nesbit, MS 38651				
With my signature, I certify that the above mat at the Generator site listed above.	erial was picked up	With my signature, I certify that the above named material will delivered without incident to the destination listed below.		
Jackie Grunt	8,17,98	Jack is	Yout 8,17,98	
Signature	Pickup Date	Signature	Oelivery Date	
	DESTIN	IATION		
Site Name:Trash Hunters USA	Of Tunica Inc		Phone No. / CO4 \ 202 2222	
Site Address: 6035 Bowdre Rd. R		38664	Phone No.: ( <u>601</u> ) <u>363-2282</u> Time:	
Discrepancies:	· · · · · · · · · · · · · · · · · · ·		Time:	
		and to the best of my	knowledge, the foregoing is true and accurate	
Name (print)	Signature	7/	Receipt Date	
Nº 003093	LANOFILL Yellow GEI	/ ·   ERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 2009. ()	



	ENERATOR	
me of Defense Distribution Depot, Memph	Waste Generation Location.	SAME
tress 2163 Airways Blvd.		
Memphis, TN 38114		
one No. ( <u>901</u> ) <u>775-0173</u>	Phone No : /	)
ste ID Code No TUN-9807002		
ecial Handling Instructions and Additional Information:	_	
à Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ticket Number	r:	Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of Environmental Q	uality (601) 961-5171	
Waste Description Actual Quantity		Container Type
Dieldrin Contaminated Soil	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
JACK KALLA	ording to applicable regul	
THE K IN PROPER CONDITION TO TRANSPORTATION ACCOUNTS	ording to applicable regul	ations
TRAP	NSPORTER	Shipment Date
TRAP  ck No	NSPORTER Transporter Phone	Shipment Date  No.: (601) 429-2200
TRAP	NSPORTER  Transporter Phone  Driver Name (print	Shipment Date  No.: (601) 429-2200  THE CURLE
TRAP  ck No   Matthews Trucking	NSPORTER  Transporter Phone  Driver Name (print	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): MIKE CURLE  o./State: # 07877 ms
TRAP  ck No  Insporter Name: Matthews Trucking  Iress: 1340 Gwynn Road	Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): MIKE CURLE  o./State: # 07877 ms
TRAP  ck No	Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): MIKE CURVE  o./State: A 67877 ms  on: MDOT
TRAP  Ck No.  Insporter Name: Matthews Trucking  Iress: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.	Vehicle Certification With my signature delivered without in	Shipment Date  Shipment Date  No.: (601) 429-2200  t): MIKE CURVE  o./State: A 67877 ms  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  8 1/2 198
TRAP  Ck No  Insporter Name: Matthews Trucking  Items: 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material was picked up the Generator site listed above.  DES  Name: Trash Hunters USA Of Tunica, Inc.	TINATION	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): MIKE CURVE  o./State: A 07877 ms  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  Shipment Date  Phone No.: (601) 363-2282
TRAP  Ck No  Insporter Name: Matthews Trucking  I	TINATION	Shipment Date  Shipment Date  No.: (601) 429-2200  t): MIKE CURLE  to./State: A 07877 ms  on: MDOT  to, I certify that the above named material was incident to the destination listed below.  Shipment Date
TRANSCRIPTION OF TRANSC	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without in Signature TINATION	Shipment Date  No.: (601 ) 429-2200  t): MIKE CURVE  o./State: A 07877 ms  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  Phone No.: (601) 363-2282  Time:
TRAP  Ck No  Insporter Name: Matthews Trucking  I	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without in Signature TINATION	Shipment Date  No.: (601 ) 429-2200  t): MIKE CURVE  o./State: A 07877 ms  on: MDOT  o, I certify that the above named material was incident to the destination listed below.  Phone No.: (601) 363-2282  Time:



# USA WASTE SERVICES 3781825 1-HAZARDOUS WASTE MANIFEST 3781825

	GENE	RATOR	
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.			
Memphis, TN 38114		, 20.000. <u></u>	
Phone No.: (901) 775-0173		Phone No : /	
Waste ID. Code No. TUN-98070		1 Hone 140 (	
Special Handling Instructions and Addition	··· <u>·</u>	-м-	
	- 44		
Trash Hunters USA of Tunica, Inc. Permit Number SW-072001(	0459 Ticket Number:	<del></del>	Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept	. of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	25.71	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date
Total Na			
Truck NoTruck NoTruck NoTruck NoTruck NoTruck	vin a	Transporter Phone	
Address: 1340 Gwynn Road	King	Driver Name (print): 100 (calgo	
		Vehicle License No./State: 1+082 /2	
Nesbit, MS 38651		Vehicle Certification	on: MDOT 744970
With my signature, I certify that the above nat the Generator site listed above.	naterial was picked up		e, I certify that the above named material waincident to the destination listed below.
Signature	/ / Pickup Date	Signature Signature	Delivery Date
	DESTIN	<u> </u>	2011017 2000
Site Name: Trash Hunters US	A Of Tunica Inc		
Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) _ 363-2282
screpancies:			Time:
		nd to the best of a	Impulado de 6
Let All Action	onal has been accepted a	no to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signatura		Receipt Date
<b>№</b> 003094 —			TOTAL TO DATE: 70// 4/7



# USA WASTE SERVICES

· · · · · · · · · · · · · · · · · · ·	GENE	RATOR	
ne of Defense Distribution Depot, Memphis		Waste Generation Location.	SAME
		Address:	
Memphis, TN 38114			
one No. (901) 775-0173		Phone No.: (	)
ste ID Code No: TUN-9807002			
ecial Handling Instructions and Additional In	formation:		
in Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of			Customer Number.
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.94	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
perator Authorized Agent	Signature	ORTER	Shipment Date
k No.:		Transporter Phone I	No. 4601 h 420 2000 A
sporter Name: Matthews Trucking		Driver Name (print):	
		Vehicle License No.	1 200
Nesbit, MS 38651	ress: 1340 Gwynn Road		
_ 1469DIL 1419 2000 [		Vahicle Certification	
n my signature, I certify that the above materine Generator site listed above.	al was picked up	Vehicle Certification With my signature, delivered without in-	
my signature, I certify that the above materials Generator site listed above.	al was picked up	With my signature,	: MDOT
my signature, I certify that the above materials Generator site listed above.	217.98	With my signature, delivered without in	: _MDOT  I certify that the above named material was cident to the destination listed below.
nmy signature, I certify that the above materiale Generator site listed above.  Statute  Name:Trash Hunters USA O	Pickup Date  DESTINA  f Tunica, Inc.	With my signature, delivered without in Signature  ATION	I certify that the above named material was cident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
n my signature, I certify that the above materials Generator site listed above.  Statute	Pickup Date  DESTINA  f Tunica, Inc.  Dinsonville, MS	With my signature, delivered without in Signature  ATION	: _MDOT  I certify that the above named material was cident to the destination listed below.  Delivery Date
Name:Trash Hunters USA Or	Pickup Date  DESTIN  f Tunica, Inc.  Dinsonville, MS	With my signature, delivered without in Signature  ATION  38664	i: _MDOT  I certify that the above named material was cident to the destination listed below.  Delivery Date  Phone No.: (601) _363-2282  Time:
Name:Trash Hunters USA Or	Pickup Date  DESTIN  f Tunica, Inc.  Dinsonville, MS	With my signature, delivered without in Signature  ATION  38664	I certify that the above named material was cident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282



3781827

	GENE	RATOR	
Name of Generator. Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
Address. 2163 Airways Blvd.	<u> </u>	Address:	
Memphis, TN 38114			
Phone No. (901) 775-0173		Phone No.: (	
Waste ID. Code No. TUN-9807002		,	
Special Handling Instructions and Additional In	nformation:		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY. Mississippi Dept. of	Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	27.31	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	ORTER	Shipment Date
Truck No.: RMY		Transporter Phone	-No. (601 ) 420 2200
Transporter Name: Matthews Trucking		,	
Address: 1340 Gwynn Road		Vehicle License No./State: A D 78 39	
Nesbit, MS 38651	· · · · · · · · · · · · · · · · · · ·	Vehicle License No./State:/-\ O7\ \} \frac{7\}{}  Vehicle Certification: _MDOT	
With my signature, I certify that the above materat the Generator site listed above.	rial was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.
K you	5,17,98		
Signaturé / 0	Pickup Daté	Signature	Delivery Date
	DESTIN	ATION	
Site Name:Trash Hunters USA C	of Tunica. Inc.		Phone No. (601) 262 2222
Site Address: 6035 Bowdre Rd. Ro			Phone No.: (601) 363-2282 Time:
escrepancies:			11110.
· · · · · · · · · · · · · · · · · · ·			knowledge, the foregoing is true and accurate
IFF PRIMATEN	SMA		S./7.
Name (print)	Signature		Receipt Date
Nº 003091	7/ 0		TOTAL TO DATE: 7//C 72



	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No: (901) 775-0173		Phone No.: (	_)
ste ID Code No. TUN-9807002		Thore No. ()	
ecial Handling Instructions and Additional In	-		
b Hunters USA of Funica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number
			Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated	20 70	☐ Pounds ☑ Tons	☐ Drum        Truck ☐ Carton   ☐ Box
Soil	22.78	☐ Cu. Yd.	☐ Bag ☐ Other:
		☐ Cu. Ft.	Volume:
nerator Authorized Agent	Signature	OPTER	Shipment Date
D 00 7	MANGE	ONIER	
sk No .	<del></del>	Transporter Phone	No.: (601 ) 429-2200
nsporter Name. <u>Matthews Trucking</u>		Driver Name (print)	: JACKIE YOUNT
iress: 1340 Gwynn Road	**************************************	Vehicle License No./State: 1088 / ws	
Nesbit, MS 38651			
h my signature, I certify that the above mater be Generator site listed above.	lat was picked up	With my signature, delivered without in	I certify that the above named material was acident to the destination listed below.
tackie fount &	11198	Jack	Yound 8 17 95
nature	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA O	f Tunica, Inc.	_	Phone No.: (601) _ 363-2282
Address: 6035 Bowdre Rd. Roi		38664	Time:
crepancies:			Tille.
reby certify that the above named material i	nas been accepted ar	nd terthe best of my k	nowledge, the foregoing is true and accurate.
CP MIKSON	Alle	4	217,98
ne (print)	Signature	/	Receipt Date
2 003089	IDEN I		TOTAL TO DATE: 2120 CO



3781829

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution	on Depot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blv	<u>d.</u>	Address	
Memphis, TN 381	14		-
Phone No (901) 775-0173		Phone No.: (	
Waste ID. Code No TUN-980	7002		
Special Handling Instructions and Addi	tional Information		
Truck United lies of Trucks Inc. Barret Womber CW 675	20010450 Ticket Number		Customer Number:
Trash Hunters USA of Tunica, Inc. Permit Humber: SW-072			Customer Number:
RESPONSIBLE AGENCY Mississippi D Waste Description	Pept. of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soıl	20.88	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
Generator Authorized Agent	Signature	PORTER	Shipment Date
Truck No.:		,	No.: (601 ) 429-2200
Transporter Name: Matthews Tr	ucking	Driver Name (print	
Address: 1340 Gwynn Road	·	Vehicle License No./State: <u>A 07827</u> <u>m5</u> Vehicle Certification: <u>MDOT</u>	
Nesbit, MS 38651	***************************************		
With my signature, I certify that the above at the Generator site listed above.	ve material was picked up		a, I certify that the above named material was incident to the destination listed below.
Signature	/ / Pickup Date	Signature	Delivery Date
	DESTIN	IATION	
Site Name: Trash Hunters	JSA Of Tunica Inc		Phone No. / 601 \ 262 2282
	d. Robinsonville, MS	38664	Phone No.: (601) 363-2282
iscrepancies:	······································		nine:
	naterial has been accepted a	ad to the best of any	handada Ab 4
JEFI- PANASAN	Material has been accepted a	no to the best of my	knowledge, the foregoing is true and accurate.
Name (print)	Signature		Receipt Date
<b>N</b> º 003088	White — LANDFILL Yellow — GEN	ERATOR Pink — TRA	NSPORTER TOTAL TO DATE: 2/59,38



3781830

GENE	NATUR	
me of Defense Distribution Depot, Memphis	Waste Generation Location:	SAME
dress. 2163 Airways Blvd.	Address.	
Memphis, TN 38114		
one No. ( <u>901</u> ) <u>775-0173</u>	Phone No : (	)
iste ID Code No TUN-9807002		
ecial Handling Instructions and Additional Information:		
à Hunters USA of Tunica, Inc. Permit Humber: SW-0720010459 Ticket Number:		
		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept of Environmental Quality  Waste Description Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrin Contaminated Soil	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
h my signature, I certify that the above named material does not does law or regulation, is not a hazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the condition of transportation according to the condition according to the condition according to the condition according to the condition according to the condition according to the condition according to the conditio	261 or anv applicable s	state law has been properly decombed placetime.
to law of regulation, is not a nazardous waste as defined by 40 CFR is packaged, and is in proper condition for transportation according to the law of the	261 or any applicable sign to applicable regula	state law has been properly decombed placetime.
to law of regulation, is not a nazardous waste as defined by 40 CFR if packaged, and is in proper condition for transportation according to the second secon	261 or any applicable sign to applicable regular	state law, has been properly described, classified ations.  S12198 Shipment Date
to law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged to the pack	261 or any applicable seg to applicable regular PORTER  Transporter Phone	state law, has been properly described, classified ations.  Significant Shipment Date  No.: (601 ) 429-2200
to law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged to	261 or any applicable seg to applicable regular PORTER  Transporter Phone  Driver Name (print	State law, has been properly described, classified ations.  Spin 198  Shipment Date  No.: (601 ) 429-2200
te law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged to	PORTER  Transporter Phone Driver Name (print Vehicle License No	Shipment Date  No.: (601 ) 429-2200  (No.: A 0 8 2 4 2
te law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged to	PORTER  Transporter Phone Driver Name (print Vehicle License No	State law, has been properly described, classified ations.  8,21,98 Shipment Date  No.: (601 ) 429-2200  1): - 'SC Grc Lew  o./State: A 0 8 2 4 2  on: _MDOT 74497
te law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged, and is in proper condition for transportation according to the packaged to	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in	state law, has been properly described, classified ations.  8,21,98 Shipment Date  No.: (601) 429-2200  1): 50 500 Lev  10./State: A08272  10.: MDOT 74497  11. I certify that the above named material was incident to the destination listed below.
TRANSF  ck No.:  Insporter Name: Matthews Trucking  In Matthews Tr	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly described, classified ations.  82/98 Shipment Date  No.: (601 ) 429-2200  1): 150 GroLew  o./State: A08242  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8,21,98
TRANSI  TRANSI	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly described, classified ations.  8,21,98 Shipment Date  No.: (601) 429-2200  1): 50 500 Lev  10./State: A08272  10.: MDOT 74497  11. I certify that the above named material was incident to the destination listed below.
TRANSF  ck No.:  Insporter Name: Matthews Trucking  In Matthews Tr	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly described, classified ations.  82/98 Shipment Date  No.: (601 ) 429-2200  1): 150 GroLew  o./State: A08242  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8,21,98
TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly described, classified ations.  8,21,98 Shipment Date  No.: (601) 429-2200  1): 50 6rc Lew  o./State: A08242  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8,21,98 Delivery Date
TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	state law, has been properly described, classified ations.  8,21,98 Shipment Date  No.: (601) 429-2200  1): 50 500 Lev  10./State: A08272  10./State: A08272  10.   Certify that the above named material was incident to the destination listed below.  8,21,98 Delivery Date
TRANSF  the law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the law of the law of transportation according to the law of tra	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in Signature  ATION	state law, has been properly described, classified ations.  8 21 98 Shipment Date  No.: (601 ) 429-2200  1): Crc Lew  o./State: A 0 8 2 4 2  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8 21 98 Delivery Date  Phone No.: (601) 363-2282  Time:
TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in Signature  ATION	state law, has been properly described, classified ations.  8 21 98 Shipment Date  No.: (601 ) 429-2200  1): Crc Lew  o./State: A ) 8 2 4 2  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8 2 1 98 Delivery Date  Phone No.: (601) 363-2282  Time:
TRANSF  the law of regulation, is not a nazardous waste as defined by 40 CFR of packaged, and is in proper condition for transportation according to the law of the law of transportation according to the law of tra	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature, delivered without in Signature  ATION	state law, has been properly described, classified ations.  8 21 98 Shipment Date  No.: (601 ) 429-2200  1): Crc Lew  o./State: A ) 8 2 4 2  on: MDOT 74497  o, I certify that the above named material was incident to the destination listed below.  8 2 1 98 Delivery Date  Phone No.: (601) 363-2282  Time:



3781831

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
Name of Generator: Defense Distributi	on Depot, Memphis	Waste Generation Location:	SAME
Address2163 Airways Blv	d.	Address.	
Memphis, TN 381		7.04.000	
Phone No (901) 775-0173			
Waste ID Code No.: TUN-980		1 710110 110.2 (	
Trash Hunters USA of Tunica, Inc. Permit Number: SW-B7	20010459 Ticket Number		Customer Number:
RESPONSIBLE AGENCY: Mississippi E	Dept. of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soıl	24.55	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date
Truck No.: 47-8		Transporter Phone	e No.: (601_) 429-2200
Transporter Name: Matthews Tr	rucking.		A - 1
Address: 1340 Gwynn Road		Driver Name (prin	4 (10)
		Vehicle License No./State: 40824	
Nesbit, MS 38651  With my signature, I certify that the above material was picked up at the Generator site listed above.		With my signature, I certify that the above named material with delivered without incident to the destination listed below.	
Siemakus .		you Touch	
Signature	Pickup Date	Signature	Delivery Date
	DESTIN	AATION	
Site Name: <u>Trash Hunters</u> Site Address: <u>6035 Bowdre R</u>	USA Of Tunica, Inc. ld. Robinsonville, MS		Phone No.: (601) 363-2282
hereby certify that the above named	material has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature		Receipt Date
Nº 003085	g		. 1000ipi Date

Yellow -- GENERATOR

Pink - TRANSPORTER

TOTAL TO DATE 2284.32

3781832

	GENE	RATOR	
ne of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
Iress 2163 Airways Blvd.		Address	
Memphis, TN 38114			
ne No ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)
ste ID Code No.:TUN-9807002			
icial Handling Instructions and Additional Ir	formation.		
1 Hunters USA of Tunica, Inc. Permit Number SW-0720818459	Ticket Number		Customer Number
SPONSIBLE AGENCY. Mississippi Dept. of	Environmental Quality	/ (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	22.69	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum
erator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
k No		Transporter Phone	No.: (601_) 429-2200
sporter Name: Matthews Trucking		Driver Name (print)	
ress: 1340 Gwynn Road		Vehicle License No	ARGOVO
Nesbit, MS 38651		Vehicle Certification	0110-
my signature, I certify that the above materi se Generator site listed above.	al was picked up	With my signature,	I certify that the above named material was incident to the destination listed below.
ature	Pickup Date	Signature	<u> </u>
	DESTINA		Delivery Date
Treeb Harris 1104 0			
Name: <u>Trash Hunters USA O</u> Address: 6035 Bowdre Rd. Rot		20004	Phone No.: (601) 363-2282
	misorivine, MS	00004	Time:
repancies:	<del></del> .		
eby certify that the above named material h	as been accepted and	d to the beet of my k	nowledge, the foregoing is true and accurate
e (print)	Signature	(0)	Receipt Date
003096 White — LAN			TOTAL TO DATE 22 70



3781833

### **NON-HAZARDOUS WASTE MANIFEST**

	GENI	RATOR	· ·
	stribution Depot, Memphis ays Blvd.	Waste Generation Location:	SAME
Memphis,	•	A001633	
Phone No ( 901 ) 775		Phone No.: (	
	JN-9807002	,	
Special Handling Instructions	and Additional Information:		
Trash Hunters USA of Tunica, Inc. Permit No	imber, SW-0720010459 Ticket Number: _		Customer Number:
	ssissippi Dept. of Environmental Qual	•	_
Waste Description	n Actual Quantity	Units	Container Type
Dieldrin Contami Soil	75.76	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	Kullaf	Shipment Date
	TRANS	PORTER	
Truck No.: <u>AM - 3</u>	74444	Transporter Phone	No.: (601 ) 429-2200
Transporter Name: <u>Matth</u>	ews Trucking	Driver Name (print	DUSALOUSAL
Address: <u>1340 Gwyni</u>	n Road	Vehicle License N	o./State: <u>407877</u>
Nesbit, MS	38651	Vehicle Certification	on: <u>MDOT497277                                  </u>
With my signature, I certify that the Generator site listed at	at the above material was picked up pove.	With my signature delivered without it	e, I certify that the above named material was incident to the destination listed below.
Signature	Pickup Date	Signature	Delivery Date
	DEST	NATION	
Site Name:Trash H	unters USA Of Tunica, Inc.		Phone No.: (601) 363-2282
	wdre Rd. Robinsonville, M	S 38664	Time:
Piscrepancies:			
hereby certify that the above	named material has been accepted	and to the best of my	knowledge, the foregoing is true and accurate
Grey Con	Til men		8,21,99
Name (prifit)	Signature		Receipt Date

Nº 003097

TOTAL TO DATE: 2237,05

3781834

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
dress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No : /	)
iste ID. Code No.:TUN-980700		· 110110 140 (	
ecial Handling Instructions and Additiona	al Information.		
h Hunters USA of Tunica, Inc. Permit Number: SW-87200104	59 Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	v (601) 961-5171	<del></del>
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.14	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
THE KUIG	Signature	<u>Kiel Gol</u>	Shipment Date
	TRANSP	ORTER	
ck No. 67-8		Transporter Phone	No.: (601 ) 429-2200
nsporter Name: <u>Matthews Truck</u> i	ing	Driver Name (print	
tress: 1340 Gwynn Road		Vehicle License No	1 102 113
Nesbit, MS 38651		Vehicle Certification	
h my signature, I certify that the above ma he Generator site listed above.	aterial was picked up	With my signature	, I certify that the above named material was neident to the destination listed below.
nature	Pickup Date	Signature Signature	8,21,98 Delivery Date
	DESTINA	ATION	
Name: Trash Hunters USA			Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. F	tobinsonville, MS	38664	Time:
crepancies:			
6,60,00	al has been accepted an		knowledge, the foregoing is true and accurate. 8, ≥ 1, 9 €
ne (print)	Signature		Receipt Date
2 0030 <b>98</b>	•	•	

YHOW - GENERATOR

White -- LANDFILL

TOTAL TO DATE: 2711.32



3781835

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution D	Depot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.		Address:	P
<u>Memphis, TN 38114</u>			
Phone No : (901) 775-0173	<del>-</del>	Phone No.: (	)
Waste ID Code No.: TUN-9807002	2		
Special Handling Instructions and Additional	Information:		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-072001045	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. o Waste Description	of Environmental Qualitic	y (601) 961-5171 <b>Units</b>	Container Type
Dieldrin Contaminated Soil	25.80	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum     Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	Kulles	Shipment Date
01/1	TRANSP	ORIER	
Truck No.: KM-5		Transporter Phone	No.: (601) 429-2200
Transporter Name: <u>Matthews Truckir</u>	ng	Driver Name (print	» WILLIAM ONEAL
Address: 1340 Gwynn Road		Vehicle License No	o./State: A07877
Nesbit, MS 38651		Vehicle Certificatio	n: <u>MDOT490277</u>
With my signature, I certify that the above mail at the Generator site listed above.	terial was picked up	With my signature delivered without in	, I certify that the above named material was neident to the destination listed below.
Signature ONN	8 11 98 Pickup Date	/ X 1 1	Delivery Date
	DESTIN	ATION	
Site Name: Trash Hunters USA	Of Tunica Inc		Phone No. (201) 200 200
Site Address: 6035 Bowdre Rd. R		38664	Phone No.: (601) 363-2282
Discrepancies.			Time:
	i has been meeted -	ad tautho base =t == 1	
Greg Graff	n nes veel accepted a	ilu, to the best of my	knowledge, the foregoing is true and accurate.
Name (print)	Signature		Receipt Date
Nº 003087	.ANOFILL Yellow GEN	ERATOR Pink TRAN	TOTAL TO DATE 2145 18



## USA WASTE SERVICES

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
ne of nerator. Defense Distribution Dep	ot, Memphis	Waste Generation Location:	SAME
tress 2163 Airways Blvd.	, , , , , , , , , , , , , , , , , , ,	Address:	
Memphis, TN 38114			
one No. ( 901 ) 775-0173		Phone No. (	)
ste ID. Code No.: TUN-9807002		,	
cial Handling Instructions and Additional Info	ormation:		
ı Kunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY Mississippi Dept. of Er			
Waste Description	Actual Quantity	Units	Container Type
Di-takin O		☐ Pounds	☐ Drum ☑ Truck
Dieldrin Contaminated Soil	2771	☑ Tons	☐ Carton ☐ Box
3011	21.11	☐ Cu. Yd. ☐ Cu. Ft.	Bag Other:
erator Authorized Agent	Signature	ORTER	Shipment Date
- RMJ			
•	<del> </del>	Transporter Phone	77
sporter Name: Matthews Trucking		Driver Name (print)	
ress: 1340 Gwynn Road		Vehicle License No	./State:
Nesbit, MS 38651		Vehicle Certification	: MDOT
n my signature, I certify that the above material ne Generator site listed above.		With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.
	127,95 lickup Date	Signature	
			Delivery Date
	DESTINA	ATION	
Name: Trash Hunters USA Of		-	Phone No.: (601) 363-2282
Address 6035 Bowdre Rd. Robi	nsonville, MS	30661	Time:
repancies:			
reby certify that the above named material has	s been-accepted an	d to the best of my ki	nowledge, the foregoing is true and accurate
De (print)	(-G-		627.95
2 003083	Signature //		Receipt Date
White - LANOF	FILL Yellow — GENE	RATOR Pink TRANS	TOTAL TO DATE: 2335,30



3781837

TOTAL TO DATE: 23.58, 2/

#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	,
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
Phone No (901) 775-0173		Phone No.: (	
Waste ID. Code No : TUN-98070	02	, , , , , , , , , , , , , , , , , , ,	
Special Handling Instructions and Addition		***	
Trash Kunters USA of Tunica, Inc. Permit Number: SW-0720010	MSA Ticket Number		Customer Number
			Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept Waste Description	. of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contaminated Soıl	22.91	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	OPTER	Shipment Date
C4	TIANO	OHEN	
Truck No		Transporter Phone	
Transporter Name: Matthews Trucl	king	Driver Name (print	): If Tel Grehan
Address. 1340 Gwynn Road		Vehicle License No	
Nesbit, MS 38651		Vehicle Certificatio	n: MDOT 744970
With my signature, I certify that the above nat the Generator site listed above.	naterial was picked up	delivered without is	, I certify that the above named material was neident to the destination listed below.
Signature	Pickup Date	Signature Man	Delivery Date
	DESTIN	ATION	
Site Name: <u>Trash Hunters US</u> Site Address: <u>6035 Bowdre Rd.</u>		38664	Phone No.: (601) 363-2282 Time:
Piscrepancies:			
(9-Crittin	<u> </u>	nd-to the best of my	knowledge, the foregoing is true and accurate.
Name (print)	Signature		Receipt Date
Nº 003082		•	

Yellow — GENERATOR



## USA WASTE SERVICES

	GENE	RATOR		
ne of perator: Defense Distribution I ress: 2163 Airways Blvd.		Waste Generation Location: Address	SAME	
Memphis, TN 38114				
ne No ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ite ID Code No.: TUN-980700	2	•	, <u>-</u>	
cial Handling Instructions and Additional				
Hunters USA of Tunuca, Inc. Permit Number: SW-072001045			Customer Allumba	
			Customer Number: _	
SPONSIBLE AGENCY: Mississippi Dept ( Waste Description	Actual Quantity	Units	Contair	ner Type
Dieldrın Contaminated Soil	24.74	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum   ☑ Tru ☐ Carton  ☐ Bo ☐ Bag   ☐ Ott Volume·	
e law or regulation, is not a hazardous wasted packaged, and is in proper condition for SACIC Kallalerator Authorized Agent	Signature Signature	g to applicable regula	ttions.	Shipment Date
000 2	TRANSP	ORTER	····	
k No ·/		Transporter Phone	No.: ( <u>601</u> ) <u>429</u>	-2200
sporter Name: <u>Matthews Truckir</u>	ng	Driver Name (print)	: Banny	Ansli
ress. <u>1340 Gwynn Road</u>		Vehicle License No	o./State: <u>A0 7 88</u>	
Nesbit, MS 38651		Vehicle Certification	n: _MDOT ·	46277
my signature, I certify that the above mat be Generator site listed above.	erial was picked up	With my signature, delivered without in	I certify that the above noident to the destination	named material was listed below.
ature	Pickup Date	Signature		Delivery Date
	DESTIN	ATION		
Name: <u>Trash Hunters USA</u> Address: 6035 Bowdre Rd. Ro	obinsonville, MS	38664	Phone No.: (601)3	
repancies:				
e (print)	I has been accepted an Signature	nd to the best(of my k		Receipt Date
White _ 1	ANDER I NEEL DELICATION		TOTAL TO DATE	· 738297



		GENE	RATOR		
Name of Generator De	fense Distribution D	epot, Memphis	Waste Generation Location:	SAME	
Address21	63 Airways Blvd.		Address:		
Me	emphis, TN 38114				
Phone No: (90	1 <sub>)</sub> 775-0173		Phone No : (	)	
Waste ID. Code N	TUN 0007007		(		
	<del>" " " " " " " " " " " " " " " " " " " </del>	Information:			
Trash Hunters USA of Tuni	ica, Inc. Permit Number: SW-972001045	Ticket Number:		Customer Number:	
	GENCY: Mississippi Dept. o B Description	of Environmental Quality Actual Quantity	(601) 961-5171 Units	Container T	ype
Dieldrin	Contaminated Soil	22.37	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
Generator Authori	zed Agent	Signature	CRIER	S	Shipment Date
	Tons &			<u> </u>	
Truck No.:/_/	775		Transporter Phone	<del></del>	200
•	: Matthews Truckii	ng	Driver Name (prin	1): 10mmy	AUSE.
	O Gwynn Road		Vehicle License N	lo./State:	5/6
Nes	bit. MS 38651		Vehicle Certification	on: <u>MDOT</u>	7-Wi.
With my signature at the Generator s	o, I certify that the above ma	terial was picked up	With my signature delivered without	e, I certify that the above nai incident to the destination list	med material was ed below.
Signature		Pičkůp Date	Signature		Delivery Date
		DESTIN	ATION	· · · · · · · · · · · · · · · · · · ·	<u> </u>
Cita Nama:	Trach Huntare USA				
,	<u>Trash Hunters USA</u> 6035 Bowdre Rd.  F		38664	Phone No.: (601) 36:	
		ioonioonvine, ivio		Time:	
hereby-certify the	at the above named materia	al has been accepted a	nd to the best of my	knowledge, the foregoing is	true and accurate
Name (print)		Signature	my -		Receipt Date
<b>N</b> o 00308		LANOFILL Yellow — GEN	ERATOR Pink — TRA	TOTAL TO DATE:	2405,32

3781840

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of nerator: Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME
tress. 2163 Airways Blvd.			
Memphis, TN 38114			
one No.: ( 901 ) 775-0173		Phone No. (	)
ste ID. Code No.: TUN-9807002		(	
ecial Handling Instructions and Additional In	formation		
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of E	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.27	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature	ORTER	Shipment Date
:k No., 2M-3			
sporter Name: Matthews Trucking		Transporter Phone	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ress: 1340 Gwynn Road		•	WILLIAM DIVEAL
Nesbit, MS 38651		Vehicle License No	MDOT490217
n my signature, I certify that the above material re Generator site listed above.	al was picked up	With my signature,	I certify that the above named material was acident to the destination listed below.
nature Dyon 18	127 198 Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA Of	Tunica, Inc.		Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Rob		38664	Time:
repancies.			11116.
reby certify that the above named material ha	as been accepted an	d to the best of my k	nowledge, the foregoing is true and accurate.
9. Gr. T	6		**Signal Republic Rep
ne (print) 2 0030 <b>79</b>	Signature		Receipt Date
White LAND	FILL Yellow — GENE	RATOR PINK — TRANS	PORTER TOTAL TO DATE: 2431.59



Name of Defence Dietribution D	GENE	RATOR	
Generator: Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114	·		
Phone No (901) 775-0173		Phone No.: (	)
Waste ID. Code No. TUN-9807002		· //2//2 //	
Special Handling Instructions and Additional	Information		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010455	Ticket Number		Customer Number:
			Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. o Waste Description	Actual Quantity	y (601) 961-5171  Units	Container Type
Dieldrin Contaminated Soil	76.55	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date
Truck No.: 57-8		Transporter Phone	No. (601 ) 429-2200
Transporter Name: Matthews Truckir		Driver Name (print	· /   -
Address: 1340 Gwynn Road	<u></u>	Vehicle License No	A 06040
Nesbit, MS 38651			MDOT 744970
With my signature, I certify that the above mat	erial was picked up	With my signature	, i certify that the above named material was notident to the destination listed below.
at the Generator site listed above.		(1, 1)	
	1 1	\M2 MAAAA	4.27.68
	Pickup Date	Signature	\$,27,98 Delivery Date
at the Generator site listed above.	Pickup Date  DESTIN	V	
at the Generator site listed above.  Signature	DESTIN	V	Delivery Date
Signature  Site Name:Trash Hunters USA	DESTIN	IATIÓN	Delivery Date  Phone No.: (601) 363-2282
Signature  Site Name:Trash Hunters USA  Site Address:6035 Bowdre Rd. R	<b>DESTIN</b> Of Tunica, Inc. obinsonville, MS	IATIÓN	Delivery Date
Signature  Site Name:Trash Hunters USA  Site Address:6035 Bowdre Rd. R	<b>DESTIN</b> Of Tunica, Inc. obinsonville, MS	38664	Phone No.: (601) 363-2282 Time:
Signature  Site Name:Trash Hunters USA  Site Address:6035 Bowdre Rd. R	<b>DESTIN</b> Of Tunica, Inc. obinsonville, MS	38664	Phone No.: (601) 363-2282  Time:
Signature  Site Name:Trash Hunters USA  Site Address:6035 Bowdre Rd. R	<b>DESTIN</b> Of Tunica, Inc. obinsonville, MS	38664	Phone No.: (601) 363-2282 Time:



## USA WASTE SERVICES

### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
me of nerator: Defense Distribution D	Depot, Memphis	Waste Generation Location.	SAME
dress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
one No: ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)
ste ID. Code NoTUN-9807002	2	<b>\</b>	
ecial Handling Instructions and Additional	Information.		
h Hunters USA of Tunica, Inc. Permit Number: SW-0720016459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept o	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contamınated Soil	2856	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
packaged, and is in proper condition for the	transportation according	261 or anv applicable s	state law, has been properly described, classified ations.
te law or regulation, is not a hazardous wasted packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged	Bas defined by 40 CFH :	g to applicable regulations and the second s	efined by 40 CFR Part 260.10 or any applicable state law, has been properly described, classified ations.  Shipment Date
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged and a packag	transportation according	g to applicable regulation applicable solution applicable regulation applicable regulation applicable solu	state law, has been properly described, classified ations.  Shipment Date
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged and a packag	transportation according Signature	porter Phone	state law, has been properly described, classified ations.  Shipment Date  No. (601) 429-2200
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	transportation according Signature	PORTER  Transporter Phone  Driver Name (print)	Shipment Date  No. (601 ) 429-2200
packaged, and is in proper condition for in the packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and its packaged,	transportation according Signature	porter Phone	Shipment Date  No. (601) 429-2200  Shipment Date
packaged, and is in proper condition for its packaged, and its packaged, an	s as defined by 40 CFH transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	Shipment Date  No. (601) 429-2200  Shipment Date
ck No.:  Matthews Truckin  Mesbit, MS 38651  h my signature, I certify that the above mate	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (Market Property described, classified ations.  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date
ck No.:  Matthews Truckin  Mesbit, MS 38651  h my signature, I certify that the above mate	TRANSF  Transportation according  Signature  TRANSF  TRANSF  Pickup Date	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No. (601) 429-2200  Shipment Date  No. (501) 429-2200  Co./State: 75  In: MDOT
ck No.:  Matthews Trucking Massister Massister Authorized Agent  Ck No.:  Matthews Trucking Massister Mass	erial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date
packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and its packaged, an	erial was picked up  Fickup Date  DESTIN  Of Tunica, Inc.	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date
packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and is in proper condition for its packaged, and its packaged and packaged, and its packaged and packaged, and its packaged, and	erial was picked up  Fickup Date  DESTIN  Of Tunica, Inc.  obinsonville, MS	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No. (601) 429-2200  Shipment Date  No. (601) 429-2200  Shipment Date  No. (601) 429-2200  Shipment Date  Delivery Date
ck No.:  Matthews Trucking Matthews Trucking Massive Matthews Trucking Matthews Trucking Massive Massi	erial was picked up  Fickup Date  DESTIN  Of Tunica, Inc.  obinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Co./State: A C 78 79  It certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
ck No.:  Matthews Trucking Matthews Trucking Massive Matthews Trucking Matthews Trucking Massive Massi	erial was picked up  Fickup Date  DESTIN  Of Tunica, Inc.  obinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  No. (601 ) 429-2200  Shipment Date  Delivery Date  Phone No.: (601) 363-2282

White - LANDFILL

TOTAL TO DATE: 7486. N



### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator Defense Distribution De	epot, Memphis	Waste Generation Location:	SAME
Address 2163 Airways Blvd.		Address.	
Memphis, TN 38114	<u></u>		
Phone No. (901) 775-0173		Phone No.: (	
Waste ID. Code No.:TUN-9807002			
Special Handling Instructions and Additional li	nformation		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of Waste Description	Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Dieldrın Contamınated Soıl	23.64	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
With my signature, I certify that the above name tate law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of the s	ransportation_accordin	g to applicable regula	state law, has been properly described, classified lations.
tate law or regulation, is not a hazardous waste	Signature	g to applicable regula	state law, has been properly described, classified lations.  Shipment Date
Tate law or regulation, is not a hazardous waste and packaged, and is in proper condition for to the state of	ransportation accordin	g to applicable regulation of the second sec	Shipment Date
Truck No.:	Signature TRANSF	g to applicable regular of the second of the	Shipment Date  8 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Truck No.:  Mate law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of the	Signature TRANSF	PORTER  Transporter Phone Driver Name (print	Shipment Date  8 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Truck No.:  Mate law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of the	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N	Shipment Date  Shipment Date  No.: (601) 429-2200  nt): 429-2200  No./State: 429-2200
Truck No.:  Mate law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of the	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  8 77 98  Shipment Date  8 No.: (601 ) 429-2200  nt): Sarry Anglia  No./State: Ac 2 88 (
Truck No.:  Transporter Name:  Matthews Truckin  Matthews Truckin  Modern Authorized Agent  Modern Authorized Agent  Matthews Truckin  Modern Authorized Agent  Modern Authorized Agent  Modern Authorized Agent  Modern Authorized Agent  Modern Authorized Agent  Modern Authorized Agent  Modern Agen	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: 4027  No./State: 4027  No.   Certify that the above named material was
Truck No.:  Transporter Name:  Matthews Truckin  Matthews Truckin  Modern Matthews Truckin  Modern Matthews Truckin  Modern Matthews Matthews  Modern Matthews Matthews  Modern Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Matthews  Modern Modern Matthews  Modern Modern Matthews  Modern Modern Matthews  Modern Mode	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: 4027  No./State: 4027  No.   Certify that the above named material was
Truck No.:  Transporter Name:  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.	Signature TRANSF	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without	Shipment Date  Shipment Date  e No.: (601) 429-2200  nt): ARY ARY  No./State: ACT 88  on: MDOT 44 0 27  e, I certify that the above named material was incident to the destination listed below.
Truck No.:  Truck No.:  Matthews Truckin  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.	Signature  TRANSF  G  Prickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: Carrier on: MDOT 44 0 2 7  Re, I certify that the above named material was incident to the destination listed below.  Delivery Date
Truck No.:  Transporter Name:  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.  Site Name:  Trash Hunters USA (	Signature TRANSF  G  Pickup Date  DESTIN  Of Tunica, Inc.	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Phone No.: (601) 429-2200  Shipment Date  10. (601) 429-2200  11. (7) (7) (7) (7) (7) (7) (7) (7) (7) (7)
Truck No.:  Truck No.:  Matthews Trucking Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.  Site Name:  Trash Hunters USA (Site Address:	Signature TRANSF  G  Pickup Date  DESTIN  Of Tunica, Inc.	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: Carrier on: MDOT 44 0 2 7  Re, I certify that the above named material was incident to the destination listed below.  Delivery Date
Truck No.:  Truck No.:  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.  Site Name:  Trash Hunters USA (  Site Address:  6035 Bowdre Rd. Ro	Signature TRANSF  G  Pickup Date  DESTIN Of Tunica, Inc. Obinsonville, MS	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without Signature  ATION	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: 40 2 7  No./State: 40 2 7  No. I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
Truck No.:  Truck No.:  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mate at the Generator site listed above.  Site Name:  Trash Hunters USA (  Site Address:  6035 Bowdre Rd. Ro	Signature TRANSF  G  Pickup Date  DESTIN Of Tunica, Inc. Obinsonville, MS	Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without Signature  ATION	Shipment Date  Shipment Date  No.: (601) 429-2200  No./State: 40 2 7  No./State: 40 2 7  No. I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282



## USA WASTE SERVICES

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of nerator: Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME
tress: 2163 Airways Blvd.		Address:	
Memphis, TN 38114	· · · · · · · · · · · · · · · · · · ·		
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No (	
ste ID. Code No.: TUN-9807002	2	\	
ecial Handling Instructions and Additional	Information:		
b Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of	f Environmental Quality	(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminated Soil	24.93	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
nerator Authorized Agent	Signature TRANSPO	NRTER	Shipment Date
51-11			
ok Nd: T		Transporter Phone	
nsporter Name: Matthews Truckin	<u>g</u>	Driver Name (print	HLBUNDRUN
ress: <u>1340 Gwynn Road</u>		Vehicle License No	p./State: A 0 2 3 0 7
Nesbit, MS 38651		Vehicle Certification	n: <u>MDOT</u>
n my signature, I certify that the above mate ne Generator site listed above.	orial was picked up	With my signature, delivered without in	, I certify that the above named material was acident to the destination listed below.
Atmer Almentinen	Pickup Date	Signature Signature	Delivery Date
	DESTINA	ATION	
Name: Trash Hunters USA (	Of Tunica Inc		_
Address: 6035 Bowdre Rd. Ro		29664	Phone No.: (601) 363-2282
repancies:	VOITISOTIVITIE, IVIS	00004	Time:
·	has 62 -65 -4	d so short in the contract of	knowledge, the foregoing is true and accurate
557	Tras program acception and	u. To the best of my k	nowledge, the foregoing is true and accurate
ie tplipt)	Signature		Receipt Date
2 003109	V/		
White — LA	NOFILL Yellow — GENER	WTOR Pink — TRANS	SPORTER TOTAL TO DATE: 253527



3781845

### **NON-HAZARDOUS WASTE MANIFEST**

· 		GENE	RATOR	
Name of Generator:	Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME
Address	2163 Airways Blvd.			
	Memphis, TN 38114		7.00.000.	
Phone No	(901) 775-0173		Phone No : /	
Waste ID. C	TUN 00070		1 110110 140 ( <u></u>	
	ndling Instructions and Addition	al Information:		
Trasb Hunters 85	SA of Tunica, Inc. Permit Number: SW-0720011	1459 Ticket Number:		Customer Number
RESPONSIE	BLE AGENCY <sup>.</sup> Mississippi Dept	t. of Environmental Qualit	y (601) 961-5171	
	Waste Description	Actual Quantity	Units	Container Type
Diel	drin Contaminated Soil	27.68	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum   ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
and packag	ed, and is in proper condition if	for transportation according		ations.
and packag	ed, and is in proper condition 1	for transportation according	g to applicable regula	state law, has been properly described, classifie ations.  Shipment Date
TAC Generator A	ed, and is in proper condition for the state of the state	Signature  TRANSE	g to applicable regulations of the second se	Shipment Date
TAC Generator A	ed, and is in proper condition for the second secon	Signature TRANSE	g to applicable regularized by the second se	Shipment Date  No.: (601 ) 429-2200
Generator A  Truck No.: _  Transporter	ed, and is in proper condition for the second secon	Signature TRANSE	PORTER  Transporter Phone Driver Name (print	Shipment Date  Shipment Date  No.: (601) 429-2200  t): Joe Greher
TAC Generator A	ed, and is in proper condition for the following state of the follow	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N	Shipment Date  Shipment Date  No.: (601 ) 429-2200  tt):
Generator A  Truck No.: _  Transporter  Address:	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification	Shipment Date  Shipment Date  No.: (601 ) 429-2200  ti): Jec (1000)  No./State: JAOSAY)  on: MDOT 79 49 70
Generator A  Truck No.: _  Transporter  Address:	ed, and is in proper condition for the following state of the follow	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  tt):
Generator A  Truck No.: _  Transporter  Address:  With my sig at the Gene	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above r	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  ti): Joe Green  No./State: JABAYA  on: MDOT 79 49 70  a, I certify that the above named material was
Generator A  Truck No.: _  Transporter  Address:  With my sig at the Gene	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above r	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  No.: (601) 429-2200  th: Joc State: 429-270  no./State: 499-2200  a, I certify that the above named material waincident to the destination listed below.
Generator A  Truck No.: _  Transporter  Address:	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above r	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  th: Joe Greek  No./State: JANBAYA  on: MDOT 79 49 70  a, I certify that the above named material was incident to the destination listed below.
Generator A  Truck No.: _  Transporter  Address:  With my sig at the Gene	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above representation of the state of the	Signature TRANSE  king  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  It): Joe Grader  No./State: JACK A
Generator A  Truck No.: _  Transporter  Address: _  With my sig at the Gene  Signature	Name: Matthews Truck  1340 Gwynn Road  Nesbit, MS 38651  nature, I certify that the above representation in the state of t	Signature TRANSE  king  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601) 429-2200  th: Jee Green  No.: MDOT 79 49 70  a, I certify that the above named material was incident to the destination listed below.  Phone No.: (601) 363-2282
Generator A  Generator A  Truck No.: _  Transporter  Address:  With my sig at the Gene  Signature  Site Name:  Site Address	Name: Matthews Truck  1340 Gwynn Road  Nesbit, MS 38651  nature, I certify that the above reprator site listed above.  Trash Hunters US  s: 6035 Bowdre Rd.	Signature TRANSE  king  material was picked up  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601) 429-2200  th: Jec Gradew  Inc./State: JAJRAY  Delivery Date  Phone No.: (601) 363-2282
Generator A  Truck No.: _  Transporter  Address: _  With my sig at the Gene  Signature  Site Name: _  Site Address  Site Address	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above representation site listed above.  Trash Hunters US s: 6035 Bowdre Rd.	Signature TRANSE  king  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature  IATION	Shipment Date  Shipment Date  No.: (601) 429-2200  The State: A Say A Sa
Generator A  Truck No.: _  Transporter  Address: _  With my sig at the Gene  Signature  Site Name: _  Site Address  Site Address	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above representation site listed above.  Trash Hunters US s: 6035 Bowdre Rd.	Signature TRANSE  king  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature  IATION	Shipment Date  Shipment Date  No.: (601) 429-2200  th: Jec Gradew  Inc./State: JAJRAY  Delivery Date  Phone No.: (601) 363-2282
Generator A  Truck No.: _  Transporter  Address: _  With my sig at the Gene  Signature  Site Name: _  Site Address  Paccepancian contents of the contents of t	Name: Matthews Truck 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above repractor site listed above.  Trash Hunters US s: 6035 Bowdre Rd. es.	Signature TRANSE  king  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature  IATION	Shipment Date  Shipment Date  No.: (601) 429-2200  The Grades  No.: State: A Say A  No.: MDOT 79 49 70  The certify that the above named material was incident to the destination listed below.  The certify that the above named material was incident to the destination listed below.  Phone No.: (601) 363-2282  Time:



## USA WASTE SERVICES

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
me of Defense Distribution Depot, Memphis		Waste Generation Location:	SAME
dress: 2163 Airways Blvd.			
Memphis, TN 38114			· · · · · · · · · · · · · · · · · · ·
one No ( 901 ) 775-0173			)
iste ID Code No TUN-9807002		1 110110 140 (	
ecial Handling Instructions and Additional In	nformation:	1	
th Hunters USA of Tunica, Inc. Permit Humber: SW-0720010459	Ticket Number		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept of	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	27.15	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
d packaged, and is in proper condition for the	as defined by 40 CFR 2	261 or any applicable s	refined by 40 CFR Part 260.10 or any applicable state law, has been properly described, classified ations.
d packaged, and is in proper condition for the	as defined by 40 CFH 2 ransportation according	g to applicable s	state law has been properly decembed. Since its
d packaged, and is in proper condition for transfer Authorized Agent	Signature  TRANSP	g to applicable regular to applicable regula	state law, has been properly described, classified ations.  Shipment Date
d packaged, and is in proper condition for the state of t	ansportation according Signature	g to applicable regular to applicable regula	State law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200
d packaged, and is in proper condition for the TACK Kullul Inerator Authorized Agent  ck No.: Resporter Name: Matthews Trucking	ansportation according Signature	g to applicable regular content of the content of t	Shipment Date  No.: (601 ) 429-2200
packaged, and is in proper condition for tracking the state of packaged, and is in proper condition for tracking the state of the state	ansportation according Signature	g to applicable regular content of the content of t	State law, has been properly described, classified ations.  Shipment Date  No.: (601) 429-2200
ck No.:	Signature  TRANSP	g to applicable regular content of the content of t	Shipment Date  No.: (601) 429-2200  Discourse AUSSI MS
packaged, and is in proper condition for tracking the state of packaged, and is in proper condition for tracking the state of the state	Signature  TRANSP	Transporter Phone Driver Name (print) Vehicle License No With my signature,	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (MDOT  I certify that the above named material was
ck No.:	Signature  TRANSP	Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (ADD) 429-2200  Shipment Date  No.: (ADD)  I certify that the above named material was incident to the destination listed below.
ck No.:	Signature  TRANSP  rial was picked up	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (A C K 1 C K 2 C C C C C C C C C C C C C C C C C
ck No.:  Matthews Trucking  Matthews Trucking  Mesbit, MS 38651  The Generator site listed above.	TRANSP  rial was picked up  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (ANDOT  I certify that the above named material was neident to the destination listed below.  Delivery Date
ck No.:	TRANSP  Trial was picked up  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Delivery Date
ck No.:  Matthews Trucking  Matthews Trucking  Mesbit, MS 38651  The Generator site listed above.	TRANSP  Trial was picked up  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Delivery Date
ck No.:  Matthews Trucking Matthews Trucking Master Manager Matthews Trucking Matthews Trucking Matthews Master Matthews Trucking Matthews Master Master	TRANSP  TRANSP  Trial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.  binsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: A CKIE WONT  Delivery Date  Phone No.: (601) 363-2282  Time:
ck No.:  Matthews Trucking Matthews Trucking Master Manager Matthews Trucking Matthews Trucking Matthews Master Matthews Trucking Matthews Master Master	TRANSP  TRANSP  Trial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.  binsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Delivery Date

COSTIL

White — LANDFILL

Yellow — GENERATI

PINK - TRANSPORTER

TOTAL TO DATE: 2590.10



		GENE	RATOR		( "
Name of Generator	Defense Distribution De	pot, Memphis	Waste Generation Location:	SAME	, •
Address: _	2163 Airways Blvd.		Address:		
	Memphis, TN 38114				
Phone No	(901) 775-0173		Phone No. (	)	
Waste ID. C	Code No: TUN-9807002	·			
Special Ha	ndling Instructions and Additional In	formation:			
Trash Hunters U	SA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number	
RESPONSI	BLE AGENCY. Mississippi Dept. of	Environmental Qualit	y (601) 961-5171		
	Waste Description	Actual Quantity	Units	Container Type	
Diel	Idrin Contaminated Soil	27.79	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume	
		TRANSI	PORTER		
Truck No.:			Transporter Phone	No.: (601 ) 429-2200	
Transporter	Name: Matthews Trucking		•	: William Maral	
Address:	1340 Gwynn Road		Vehicle License No	Istata: A 21871	
	Nesbit, MS 38651		Vehicle Certificatio	. MDOT 490277	
	gnature, I certify that the above mate erator site listed above.	•	With my signature	. I certify that the above named racident to the destination listed be	naterial was
Signature	Dam Oral	Pickup Date	Signature Signature	n Dischill By	ery Date
		DESTIN	IATION		
Site Name:	Trash Hunters USA (	Of Tunica, Inc.		Phone No.: (601) 363-22	92
Site Address	000E B 1 B1 B		38664	Time:	
<b>⊇</b> iscrepanc				. 1110.	
	ortify that the above named material	has been accented	and to the heet of my	mondados the forencies is the s	nd accurate
	156c	9	10 10 10 10 10 11 11	on our doc, the loregoing is true a	31,99
Name (print		Signature		Rece	pipt Date
N₀ 00	3112 White — LA	NOFILL Yellow — GEI	HERATOR PINK TRAN	ISPORTES TOTAL TO DATE:261	7.87



## USA WASTE SERVICES

### **NON-HAZARDOUS WASTE MANIFEST**

2162 Augus Divid	pot, Memphis	Waste Generation	CAME
	nerator: Defense Distribution Depot, Memphis		SAME
Memphis, TN 38114		Address	70.
one No. (901) 775-0173			
Iste ID Code NoTUN-9807002		Phone No.: (	
ecial Handling Instructions and Additional Inf			
th Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of E	Environmental Quality	/ (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.94	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
nerator Authorized Agent	Signature	ORTER	Shipment Date
:k No.: ( ) ( )		Transporter Phone	No.: (601 ) 429-2200
sporter Name: <u>Matthews Trucking</u>			HE BUMPELIM
ress: <u>1340 Gwynn Road</u>	<del></del>	Vehicle License No./State: A 0 23 0 7  Vehicle Certification: MDOT	
Nesbit, MS 38651	<del></del> -		
h my signature, I certify that the above material was picked up he Generator site listed above.		With my signature, I certify that the above named material delivered without incident to the destination listed below.	
nature	Pickup Date	Signature	Delivery Date
	DESTINA	ATION	
Name: <u>Trash Hunters USA Of</u> Address: 6035 Bowdre Rd. Rob repancies:		38664	Phone No.: (601)363-2282 Time:
·			
eby certify that the above named material ha	as been accepted an	d to the best of my k	nowledge, the foregoing is true and accurate

TOTAL TO DATE:



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator: Defense Distribution Depot, Memphis  Address 2163 Airways Blvd.  Memphis, TN 38114		Waste Generation Location Address	SAME
Phone No . (_901_) 775-0173		Phone No. (	)
Waste ID. Code No. TUN-980700			
Special Handling Instructions and Additional	Information.		
Track Hunters USA of Tunica, Inc. Permit Number: SW-072001045	iş Ticket Number		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept.			
Waste Description  Dieldrin Contaminated Soil	Actual Quantity	Units  Pounds Tons Cu Yd Cu. Ft.	Container Type  Drum Truck Carton Box Bag Other: Volume:
Generator Authorized Agent	Signature	PORTER	Shipment Date
Truck No.:		Transporter Phone	No.: (601 ) 429-2200
Transporter Name: Matthews Trucki	ng	Driver Name (prin	4 (3
Address: 1340 Gwynn Road		Vehicle License N	2111127
Nesbit, MS 38651  With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	Vehicle Certification With my signature deflivered without	on: MDOT / 7 / 7 / 7 / 8 on a control of the destination listed below.
Signature	Pickup Date	Signature Signature	Delivery Date
	DESTIN	IATION	
Site Name: <u>Trash Hunters USA</u> Site Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Phone No.: (601) 363-2282 Time:
hereby certify that the above named materi	ial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature	04	Receipt Date

Nº 003114

White - LANOFILL

Yellow - GENERATOR

Pink -- TRANSPORTER

TOTAL TO DATE: 2672.29

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
me of Defense Distribution Depot, Memphis		Waste Generation Location:	SAME	
dress 2163 Airways Blvd.		Address		
Memphis, TN 38114				
one No. (_901_)_775-0173		Phone No.: (	)	
ste ID Code No. TUN-9807002	2	<u> </u>		
ecial Handling Instructions and Additional	Information:			
b Hunters USA of Tunica, Inc. Permit Number SW-0720818459	Ticket Number:		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept. o	of Environmental Quality	(601) 961-5171		
Waste Description	<b>Actual Quantity</b>	Units	Container Type	
Dieldrin Contaminated Soil	30,31	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent	Signature	ORTER	Shipment Date	
ok No. Rm - 7				
	<del></del>	Transporter Phone		
nsporter Name: <u>Matthews Truckin</u>	<u></u>		): JACKIE YOUNT	
ress: 1340 Gwynn Road	···	Vehicle License No./State: A 0 8 8 / m 5		
Nesbit, MS 38651	<del></del>	Vehicle Certification: MDOT		
n my signature, I certify that the above mate ne Generator site listed above.	erial was picked up	With my signature delivered without in	, I certify that the above named material was needed to the destination listed below.	
aches found	8 131 198 Pickup Date	Signature ()	y Journ 8 31,98 Delivery Date	
	DESTINA	ATION		
NameTrash Hunters USA ( Address:6035 Bowdre Rd. Ro	binsonville, MS:	38664	Phone No.: (601) 363-2282 Time:	
reby certify that the above named material	has been accepted an	d to the best of my h	mowledge, the foregoing is true and accurate	
ne (print) 2 003115	Signature		Receipt Date	
1 003115 White - U	NOFILL Yellow — GENEI	WTOR Pink — TRAN	SPORTER TOTAL TO DATE: 2702 (60)	



NON-HAZARDOUS WASTE MANIFEST

3781851

	GENE	RATOR		
Name of Generator: Defense Distribution Depot, Memphis		Waste Generation Location:	SAME	
Address 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
Phone No (_901_) _775-0173		Phone No. /		
Waste ID. Code No. TUN-9807002		FIIORE No (		
Special Handling Instructions and Additional In	formation:		<u>.</u>	
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number:	
RESPONSIBLE AGENCY Mississippi Dept. of	Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Containe	· Туре
Dieldrin Contaminated Soil	2657	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truci ☐ Carton ☐ Box ☐ Bag ☐ Othe	r:
Ith my signature, I certify that the above name state law or regulation, is not a hazardous waste a and packaged, and is in proper condition for trial.	as defined by 40 CFR ansportation according	261 or any applicable s	tate law, has been properly	described, classified
state law or regulation, is not a hazardous waste a	as defined by 40 CFR ansportation according	261 or any applicable s ig to applicable regula Lulla	tate law, has been properly	Shipment Date
State law or regulation, is not a hazardous waste a and packaged, and is in proper condition for the TATLE Kalla	as defined by 40 CFR ansportation according	261 or any applicable s ig to applicable regula Lulla	tate law, has been properly	described, classified
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for tracking the state of the s	as defined by 40 CFR ansportation according	261 or any applicable s ig to applicable regula Lulla	tate law, has been properly ations.	Shipment Date
State law or regulation, is not a hazardous waste a and packaged, and is in proper condition for the Senerator Authorized Agent  Truck No.:	as defined by 40 CFR ansportation according Signature	261 or any applicable sign to applicable regular Cullar	tate law, has been properly ations.  No.: (601 ) 429-2	Shipment Date
State law or regulation, is not a hazardous waste a and packaged, and is in proper condition for the THILL Kills  Generator Authorized Agent  Fruck No.: Matthews Trucking	as defined by 40 CFR ansportation according Signature	261 or any applicable s ig to applicable regula  CULLAL  PORTER  Transporter Phone	tate law, has been properly ations.  No.: $(601)$ 429-2	Shipment Date
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for transfer Authorized Agent  Truck No.: Matthews Trucking	as defined by 40 CFR ansportation according Signature	261 or any applicable s ig to applicable regula  CULLAL  PORTER  Transporter Phone  Driver Name (print)	No.: (601) 429-2	Shipment Date
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for the Generator Authorized Agent  Truck No.:  Matthews Trucking Address. 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materal at the Generator site listed above.	as defined by 40 CFR ansportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2	Shipment Date  2200  DRC NI
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for the The Law Care Authorized Agent  Truck No.:  Transporter Name: Matthews Trucking Address. 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materal the Generator site listed above.	signature  TRANSF  Trial was picked up	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601 ) 429-2  No.: (MDOT ) 1 certify that the above residues the second se	Shipment Date  2200  (C) /// C) ///  Damed material was isted below.
Generator Authorized Agent  Truck No.:  Matthews Trucking  Address.  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materal the Generator site listed above.	as defined by 40 CFR ansportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2  No.: (MDOT  I certify that the above recident to the destination I	Shipment Date  2200  DRC W
Generator Authorized Agent  Truck No.:  Matthews Trucking  Address.  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materal the Generator site listed above.	signature  TRANSF  Trial was picked up	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2  No.: (MDOT  I certify that the above recident to the destination I	Shipment Date  2200  CRECINI  Camed material was isted below.
Signature  Sand packaged, and is in proper condition for the sand packaged, and is in proper condition for the sand packaged, and is in proper condition for the sand sand sand sand sand sand sand sand	signature  TRANSF  Transportation according an according according according according according according according an according accord	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature delivered without in Signature	No.: (601) 429-2  No.: (601) 429-2  D./State: 723  n: MDOT  I certify that the above rencident to the destination is the first of the control	Shipment Date  2200  7/2(1/1/1)  Damed material was isted below.  Delivery Date
Generator Authorized Agent  Fruck No.:	rial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2  No.: (601) 429-2  D./State: 723  n: MDOT  I certify that the above recident to the destination is a second control of the c	Shipment Date  2200  TRC ///  Ci  Delivery Date
Site Name:  Trash Hunters USA Cooks and package of and packaged, and is in proper condition for the sand packaged, and is in proper condition for the sand packaged, and is in proper condition for the sand sand sand sand sand sand sand sand	rial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2  No.: (601) 429-2  D./State: 723  n: MDOT  I certify that the above rencident to the destination is the first of the control	Shipment Date  2200  TRC ///  ci  Jamed material was isted below.  Delivery Date
Site Name:	rial was picked up  Pickup Date  DESTIN  Dinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature delivered without in Signature	No.: (601) 429-2  No.: (601) 429-2  D./State: 723  n: MDOT  I certify that the above recident to the destination is a continuous form.  Phone No.: (601) 31  Time:	Shipment Date  2200  TRC ///  Ci June Material was isted below.  Delivery Date
Site Name:	rial was picked up  Pickup Date  DESTIN  Dinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature delivered without in Signature	No.: (601) 429-2  No.: (601) 429-2  D./State: 723  n: MDOT  I certify that the above recident to the destination is a continuous form.  Phone No.: (601) 31  Time:	Shipment Date  2200  TRC ///  ci  Jamed material was isted below.  Delivery Date

## Û

### USA WASTE SERVICES

3781852

	GENE	RATOR	
me of nerator: Defense Distribution Determinent Defense Distribution Determinent Defense Distribution Determinent Defense Distribution	epot, Memphis	Waste Generation Location: Address.	SAME
Memphis, TN 38114			
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)
ste ID. Code No TUN-9807002	<del></del>	\	
ecial Handling Instructions and Additional In	iformation		
a Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		
			Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of   Waste Description	Actual Quantity	y (601; 961-5171 Units	Container Type
Dieldrın Contamınated Soil	26.10	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
	Signature	ORTER	Shipment Date
ck No.:		Transporter Phone	No. / 601 \
sporter Name: Matthews Trucking		Driver Name (print)	
ress: 1340 Gwynn Road		Vehicle License No.	A197117
Nesbit, MS 38651		Vehicle Certification	71//000
n my signature, I certify that the above materiale Generator site listed above.	al was picked up	With my signature,	I certify that the above named material was cident to the destination listed below.
ature	Pickup Date	Signature	8 131 198 Delivery Date
	DESTIN	ATION	
Name:Trash Hunters USA Of	Tunica Inc		
Address: 6035 Bowdre Rd. Rob	insonville, MS	38661	Phone No.: (601) 363-2282  Time:
repancies.			
700	as been accepted an	d to the best of my ki	nowledge, the foregoing is true and accurate. $4.3196$
* (print) ——	Signature		Receipt Date
White ~ LAND	FILL Yellow GENE	RATOR Pink — TRANS	PORTER TOTAL TO DATE: 2755.17



3781853

### **NON-HAZARDOUS WASTE MANIFEST**

	GENEI	RATOR		
Address: 2163 Airways Blvd.	ddress: 2163 Airways Blvd.		SAME	
Memphis, TN 38114  Phone No ( 901 ) 775-0173  Waste ID. Code No TUN-9807002		Phone No.: (		
Special Handling Instructions and Additional Info	ormation:			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459  RESPONSIBLE AGENCY Mississippi Dept. of E		y (601) 961-5171	Customer Number:	
Waste Description  Dieldrin Contaminated  Soil	Actual Quantity $29.52$	Units  Pounds Tons Cu Yd Cu. Ft	Container Type  Drum I Truck Carton Box Bag Other: Volume.	
state law or regulation, is not a hazardous waste as and packaged, and is in proper condition for tra	insportation accordin		itions.	
	TRANSF	PORTER		
Truck No.: RMY		Transporter Phone	No.: (601) 429-2200	
Transporter Name: Matthews Trucking		Driver Name (print)	: P 16UNG	
Address: 1340 Gwynn Road		Vehicle License No	0./State: A07579	
Nesbit, MS 38651		Vehicle Certification: MDOT		
With my signature, I certify that the above materiat the Generator site listed above.	· · ·	With my signature, delivered without in	, I certify that the above named material was notident to the destination listed below.	
Signature Signature	), 31, 98 Pickup Date	Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Track Hunters USA O			Phone No.: (_601)363-2282 Time:	
Site Name: <u>Trash Hunters USA O</u> Site Address: 6035 Bowdre Rd. Rot  Buscrepancies:				
COOF Day to District		-		



	GENE	RATOR	
me of Defense Distribution Depot, Memphis		Waste Generation Location:	SAME
dress. 2163 Airways Blvd.			
Memphis, TN 38114		Address.	
one No. (901) 775-0173		Phone Ma /	
iste ID. Code No.: TUN-980700		Friorie 140. (	)
ecial Handling Instructions and Additional	Information:		
th Hunters USA of Tunica, Inc. Permit Number: SW-072001045	9 Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept. of	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	24.58	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
d packaged, and is in proper condition for JALK Kullanerator Authorized Agent	a	g to applicable regula	ations. 8-31,98
JACK Kull	Signature TRANSP	g to applicable regula	Shipment Date
nerator Authorized Agent	Signature	ORTER	Shipment Date
nerator Authorized Agent	Signature	ORTER  Transporter Phone	Shipment Date  No.: (601 ) 429-2200
THE K LA // Interaction Authorized Agent  ck No.: Matthews Trucking	Signature	ORTER  Transporter Phone Driver Name (print)	No.: (601 ) 429-2200 ): // Burior Park
ck No.: Matthews Trucking Iress. 1340 Gwynn Road	Signature	ORTER  Transporter Phone Driver Name (print) Vehicle License No	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
nerator Authorized Agent  ck No.:  Matthews Trucking  Iress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above mat	Signature	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature.	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
nerator Authorized Agent  ck No.:  See No.:  S	Signature	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature.	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
nerator Authorized Agent  ck No.:  Matthews Trucking  Insporter Name: Matthews Trucking  Mesbit, MS 38651  In my signature, I certify that the above matter  The Generator site listed above.	Signature	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature.	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  Shipment Date  Shipment Date
nerator Authorized Agent  ck No.:  Matthews Trucking  Iress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above matter  the Generator site listed above.	Signature  TRANSP  TRANSP  Pickup Date	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date
THE K A LAND THE PROPERTY OF THE STREET OF T	Signature  TRANSP  TRANSP  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  Shipment Date  Shipment Date
The Kall Authorized Agent  ck No.:  Insporter Name: Matthews Trucking  Iress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above matter above.  The Generator site listed above.  The Matthews Trucking is a second of the control of the c	Signature  TRANSP  TRANSP  TRANSP  Description according to the second of the second o	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  No.: (501 ) 429-2200  Shipment Date  Shipment Date  Shipment Date
nerator Authorized Agent  Ck No.:  Insporter Name: Matthews Trucking  Iress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above matter of the Generator site listed above.  American Matthews Trucking  In my signature, I certify that the above matter of the Generator site listed above.  American Matthews Trucking  Name: Trash Hunters USA  Address: 6035 Bowdre Rd. Ro	Signature  TRANSP  TRANSP  TRANSP  Description according to the second of the second o	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Delivery Date
Trash Hunters USA Address:	Signature  TRANSP  TRANSP  Pickup Date  DESTIN  Of Tunica, Inc.  Obinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:
nerator Authorized Agent  Ck No.:  Insporter Name: Matthews Trucking  Iress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above matter of the Generator site listed above.  The Manual Matthews Trucking  In my signature, I certify that the above matter of the Generator site listed above.  The Manual Matthews Trucking  In my signature, I certify that the above matter of the Generator site listed above.  Address: 6035 Bowdre Rd. Road-  Response: 6035 Bowdre Rd. Road-  Road-  Response: 6035 Bowdre Rd. Road-  Road-  Response: 6035 Bowdre Rd. Road-  Road-  Response: 6035 Bowdre Rd. Road-  Road-  Response: 6035 Bowdre Rd. Road-  Road-  Response: 6035 Bowdre Rd. Road-  Road-	Signature  TRANSP  TRANSP  Pickup Date  DESTIN  Of Tunica, Inc.  Obinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Delivery Date  Phone No.: (601) 363-2282
nerator Authorized Agent  Ck No.:  Insporter Name: Matthews Trucking  Iteress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above matthe Generator site listed above.  The Manual Matthews Trucking  Trash Hunters USA  Address: 6035 Bowdre Rd. Reserrepancies:	Signature  TRANSP  TRANSP  Pickup Date  DESTIN  Of Tunica, Inc.  Obinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:



3781855

	GENE	RATOR		
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME	
Address 2163 Airways Blvd.		Address.		
Memphis, TN 38114		-		
Phone No. (901) 775-0173		Phone No.: (		
Waste ID. Code No: TUN-980700	)2	·		
Special Handling Instructions and Additional	al Information:			
Trash Hunters USA of Tunuca, Inc. Permit Number: SW-87200104	159 Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soıl	26.23	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature	ORTER	Shipment Date	
· M 7-7				
Truck No.:		Transporter Phone No.: (601 ) 429-2200		
Transporter Name. Matthews Truck	ing	Driver Name (print	» DI LSUNDRUCH	
Address: 1340 Gwynn Road		Vehicle License No	o./State: 40 230 7	
Nesbit, MS 38651		Vehicle Certification: MDOT		
With my signature, I certify that the above m at the Generator site listed above.	aterial was picked up		, I certify that the above named material was needent to the destination listed below.	
Signature Signature	Pickup Date	Signature Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Trash Hunters USA	A Of Tunica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd.	•	38664	Time:	
Piscrepancies:		· · · · · · · · · · · · · · · · · · ·	11110.	
•	rial has been accorded a	nd to Ala hast of my	knowledge, the foregoing is true and accurate.	
(57)	Tial Tias book accounts a	nd to see best of my	knowledge, the foregoing is true and accurate.	
Name (print)	Signature	11/	Receipt Date	
Nº 003122	– LANDFILL Yellow GEN	FERATOR Pink TRAI	NSPORTER TOTAL TO DATE: 2912.74	



## USA WASTE SERVICES

	GENE	RATOR		
me of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME	
dress: 2163 Airways Blvd.		<del></del>		
Memphis, TN 38114				
one No.· (_901_ <sub>)</sub> _775-0173		Phone No.: ()		
ste ID. Code No.: TUN-980700	···	7 710116 140: (		
ecial Handling Instructions and Additiona	I Information:			
b Hunters USA of Tunica, Inc. Permit Number: SW-07200104	5\$ Ticket Number		Customer Number.	
SPONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	y (601) 961-5171		
Waste Description	<b>Actual Quantity</b>	Units	Container Type	
Dieldrın Contaminated Soil	2859	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent	Signature	OPTER	Shipment Date	
15-8	MANOP	ORIER		
ck No.:	····	,	No.: (601) 429-2200	
sporter Name. Matthews Trucki	ng	Driver Name (print): Cahaw		
ress: 1340 Gwynn Road		Vehicle License No./State: A (5.24)		
<u>Nesbit, MS 38651</u>		Vehicle Certification	n: MDOT 754572	
n my signature, I certify that the above ma ne Generator site listed above.	terial was picked up	With my signature, delivered without in	I certify that the above named material was incident to the destination listed below.	
nature	Pickup Date	Signature	Spir Control Delivery Date	
	DESTINA	TION		
Name: Trash Hunters USA	Of Tunica, Inc.		Phone No. (204)	
Address 6035 Bowdre Rd. R		38664	Phone No.: (_601)363-2282	
repancies:	· · · · · · · · · · · · · · · · · · ·		Time:	
· · · · · · · · · · · · · · · · · · ·	<del></del>	d to the best of a state	nowledge, the foregoing is true and accurate	
636	- I accepted an	U TO THE DEST OF MY K	nowledge, the foregoing is true and accurate	
e (print)	Signature		Receipt Date	
003121	ANGEN :	_	TOTAL TO DATE 2 4 7/1 5/	



### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	• • • • • • • • • • • • • • • • • • • •
Name of Generator: Defense Distribution Dep	pot, Memphis	Waste Generation Location:	SAME
Address. 2163 Airways Blvd.			
Memphis, TN 38114		A001635	
Phone No : ( 901 ) 775-0173	14		
Waste ID. Code No		Prione No.: (	)
Special Handling Instructions and Additional Inf	rormation		
Trash Hunters USA of Tunica, Inc. Permit Number SW-8728018459	Ticket Number		Customer Number:
RESPONSIBLE AGENCY Mississippi Dept of E	Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
		☐ Pounds	☐ Drum ☑ Truck
Dieldrin Contaminated	24.65	☑ Tons	☐ Carton ☐ Box
Soil	61.	☐ Cu. Yd	☐ Bag ☐ Other
Ind packaged, and is in proper condition for tra	ansportation accordin	261 or any applicable s	8,31,9
and packaged, and is in proper condition for tra	Signature	261 or any applicable sign to applicable regula	state law, has been properly described, class lations.
TACK Rallal  Generator Authorized Agent	ansportation accordin	261 or any applicable sign to applicable regular sign of the second si	state law, has been properly described, classilations.  8,3/,9  Shipment Date
and packaged, and is in proper condition for transfer and packaged.  THILK Ralla.  Generator Authorized Agent  Truck No.: 22	Signature TRANSE	261 or any applicable sign to applicable regular sign of applicable regular	state law, has been properly described, classifications.  8,3/9 Shipment Date  No: (601) 429-2200
Generator Authorized Agent  Truck No.: Matthews Trucking	Signature TRANSE	261 or any applicable sign to applicable regular sign of applicable regular	state law, has been properly described, classifications.  8 3 / 9 Shipment Date  No: (601 ) 429-2200
Generator Authorized Agent  Fruck No.: Matthews Trucking	Signature TRANSE	261 or any applicable sign to applicable regular sign of applicable regular	state law, has been properly described, classilations.  8,3/9 Shipment Date  No: (601 ) 429-2200  it):
Generator Authorized Agent  Fruck No.:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print) Vehicle License Ni Vehicle Certification With my signature	state law, has been properly described, classifications.  8,3/9 Shipment Date  9 No: (601 ) 429-2200  10:/State: A 2307  on: MDOT  9, I certify that the above named material
Generator Authorized Agent  Fruck No.:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print) Vehicle License Ni Vehicle Certification With my signature	state law, has been properly described, classifications.  8 3 / 9 Shipment Date  9 No: (601 ) 429-2200  10./State: A 2 3 6 7  10./State: MDOT  9, I certify that the above named material incident to the destination listed below.
Generator Authorized Agent  Fruck No.:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print) Vehicle License Ni Vehicle Certification With my signature	state law, has been properly described, classifications.  8 3 / 9 Shipment Date  P No: (601 ) 429-2200  Sti:  Io./State: A 2-3 67  on: MDOT  B, I certify that the above named material incident to the destination listed below.
Fruck No.:  Matthews Trucking Matthews: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater at the Generator site listed above.	Signature TRANSF  ial was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print) Vehicle License Ni Vehicle Certification With my signature delivered without it	state law, has been properly described, classifications.  8 3 / 9 Shipment Date  9 No: (601 ) 429-2200  10./State: A 2 3 6 7  10./State: MDOT  9, I certify that the above named material incident to the destination listed below.
Generator Authorized Agent  Fruck No.:  Matthews Trucking  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mater at the Generator site listed above.  Signature	Signature TRANSF  ial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License Ni Vehicle Certification With my signature delivered without it	state law, has been properly described, classifications.  8,3/9 Shipment Date  9 No: (601) 429-2200  10: MDOT  10. I certify that the above named material incident to the destination listed below.  Delivery Date
Fruck No.:  Matthews Trucking Matthews Trucking Matthews:  Matthews Trucking Matthews:  Matthews Trucking Matthews Truck	Signature TRANSF  ial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without it Signature	state law, has been properly described, classifications.  8 3 / 9 Shipment Date  9 No: (601 ) 429-2200  9 Io./State: A 2 3 6 7  on: MDOT  9, I certify that the above named material incident to the destination listed below.  Delivery Date
Generator Authorized Agent  Fruck No.:	Signature TRANSF  ial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classifications.  8,3/9 Shipment Date  9 No: (601) 429-2200  10: MDOT  10. I certify that the above named material incident to the destination listed below.  Delivery Date
Generator Authorized Agent  Fruck No.:	ial was picked up Pickup Date DESTINATION OF TUNICA, Inc., prinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, class lations.  8 3 9 Shipment Date  9 No: (601 ) 429-2200  10: MDOT  10. I certify that the above named material incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
Generator Authorized Agent  Fruck No.:	ial was picked up Pickup Date DESTINATION OF TUNICA, Inc., prinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classilations.  8 3 9 Shipment Date  Phone No.: (601) 429-2200  Phone No.: (601) 363-2282  Time:
Generator Authorized Agent  Fruck No.:	Signature TRANSF  ial was picked up  Pickup Date  DESTINATION  of Tunica, Inc.  binsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classilations.  8,3/9 Shipment Date  No: (601) 429-2200  It): Io./State: A 23/9  Io./St
Generator Authorized Agent  Fruck No.:	ial was picked up Pickup Date DESTINATION OF TUNICA, Inc., prinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classilations.  8 3 9 Shipment Date  Phone No.: (601) 429-2200  Phone No.: (601) 363-2282  Time:

3781858

	GENE	RATOR		
me of nerator: Defense Distribution D	epot, Memphis	Waste Generation Location:	SAME	
tress: 2163 Airways Blvd.		Address:		
Memphis, TN 38114			7	
ne No ( <u>301 ) 775-0173</u>		Phone No (		
ste ID Code No.: TUN-9807002		·		
xial Handling Instructions and Additional i	Information:		· · · · · · · · · · · · · · · · · · ·	
Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number	-
SPONSIBLE AGENCY: Mississippi Dept. of			outletter values.	
Waste Description	Actual Quantity	Units	Conts	iner Type
		Pounds		ruck
Dieldrın Contaminated	77.0	☑ Tons	☐ Carton ☐ E	10011
Soil	27.10	☐ Cu Yd.		Other:
n my signature, I certify that the above nam		☐ Cu Ft.	Volume:	
nérator Authorized Agent	Signaturé TRANSP	ORTER	<del></del>	Shipment Date
1k No.: (FT-8		T	601	0.0000
sporter Name: Matthews Truckin	0	,	/ /	9-2200
iress: 1340 Gwynn Road	<del></del>	Driver Name (print	1 1 1 - 1	
Nesbit, MS 38651	<del></del>	Vehicle License No./State:		
n my signature, I certify that the above mate	arial was nicked up			·
ne Generator site listed above.	mai was picked up	delivered without	<ul> <li>I certify that the above point to the destination</li> </ul>	on listed below.
	11	me duch	<i>i</i> ~	9,1,98
nature	Pickup Date	Signature		Delivery Date
	DESTIN	ATION		
Name: Trash Hunters USA	Of Tunica, Inc.		Phone No.: (601)	363-2282
Address: 6035 Bowdre Rd. Rd	obinsonville, MS	38664		
repancies.				
reby certify that the above named material	has been accepted as	nd to the best of my	knowledge, the foregoin	o is true and accurate
1545	662	1//	go, and lologon	7, 1, 58
ne (print)	Signature			Receipt Date
? 003123	ANDER I	, , , , , , , , , , , , , , , , , , ,	TOTAL TO DA	TE-2486 < 1



### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
Name of Generator. Defense Distribution	Depot, Memphis	Waste Generation Location.	SAME	
Address 2163 Airways Blvd.		Address		
Memphis, TN 38114				
Phone No ( 901 ) 775-0173		Phone No.: ()		
Waste ID. Code No. TUN-98070				
Special Figure 11 and 12 and 1	<u></u>			
Trash Hunters USA of Tunica, Inc. Permit Humber: SW-0720010	459 Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	v (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
		Pounds	☐ Drum ☑ Truck	
Dieldrin Contaminated	22 -	☑ Tons	☐ Carton ☐ Box	
Soil	CC8 7	☐ Cu. Yd.	☐ Bag ☐ Other:	
		☐ Cu Ft.	Volume:	
Generator Authorized Agent	Signature TRANSP	PORTER	Shipment Date	
(5-9			204	
Truck No.:		Transporter Phone		
Transporter Name: Matthews Truck	king	Driver Name (print	•	
Address: 1340 Gwynn Road		Vehicle License No	o./State: 10 48242	
Nesbit, MS 38651		Vehicle Certificatio	n: MDOT 744970	
With my signature, I certify that the above nat the Generator site listed above.	naterial was picked up		, I certify that the above named material was neident to the destination listed below.	
Circotus		Joe shel	u 9,1,98	
Signature	Pickup Date	Symature	Delivery Date	
	DESTIN	ATION		
Site Name:Trash Hunters US	A Of Tunica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:	
screpanciés·				
	erial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate	
Name (print)	Signature		Receipt Date	
Nº 003119				
White	- LANOFILL Yellow - GEN	ERATOR PINK — TRAI	INSPORTER TOTAL TO DATE: 2535 (6)	

3781860

	GENE	RATOR			
me of nerator:Defense Distribution De	pot, Memphis	Waste Generation Location	SAME		
dress: 2163 Airways Blvd.			Address:		
Memphis, TN 38114					
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)		
ste ID Code No. TUN-9807002		,	•		
ecial Handling Instructions and Additional In	formation:				
h Hunters USA of Tunica, Inc. Permit Number: SW-0720810459	Ticket Number:		Customer Numl	per	
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	v (601) 961-5171			
Waste Description	Actual Quantity	Units	C	ontainer Type	
Dieldrin Contaminated Soil	23.77	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Carton (☐ Bag [	☑ Truck ☐ Box ☐ Other:	
nerator Authorized Agent	Signature	ORTER		Shipment Date	
ck No.: (57-8				100 000	
nsporter Name. Matthews Trucking			No.: (601)		
ress: 1340 Gwynn Road		Vehicle License No./State: A18212			
Nesbit, MS 38651		Vehicle Certification: MDOT 744970			
n my signature, I certify that the above materi he Generator site listed above.	al was picked up	With my signature		bove named material was	
nature	// Pickup Date	Signature		9,2,58 Delivery Date	
	DESTINA	<del></del>		Delivery Date	
Name: Trook Huntary LICA O					
Name: Trash Hunters USA Of Address 6035 Bowdre Rd. Rob		38664	Phone No., <u>(601</u>	363-2282	
crepancies.			Time:		
reby certify that the above named material h	as been accepted an	d to the best of my l	knowledge, the foreg	oing is true and accurate.	
ne (print) 2 003135		///		1 1	
	Signature			Receipt Date	



3781861

TOTAL TO DATE: 2981.74

Pink - TRANSPORTER

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Name of Generator:  Address  2163 Airways Blvd.  Memphis, TN 38114  Phone No. (901) 775-0173  Waste ID. Code No. TUN-980700  Special Handling Instructions and Additional	02	Phone No : (		
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010	459 Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY. Mississippi Dept Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	ZZ.36	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
JACK Ku //q/ Generator Authorized Agent	Signature	A Keellar	Shipment Date	
7245 77_	<del></del>		No.: (601 ) 429-2200	
Truck No.: Matthews Truck Transporter Name: Matthews Truck	king	Transporter Phone Driver Name (print	1700	
Address: 1340 Gwynn Road		Vehicle License N	. ,	
Nesbit, MS 38651		Vehicle Certification: MDOT		
With my signature, I certify that the above n at the Generator site listed above.			e, I certify that the above named material was incident to the destination listed below.	
Signature Buffer	Pickup Date	Signature	Delivery Date	
	DESTIN	IATION	•	
Site Name: Trash Hunters US Site Address: 6035 Bowdre Rd.  Discrepancies:	Robinsonville, MS	38664	Phone No.: (601) 363-2282 Time:	
•	erial has been accepted a	and to the best-of my	knowledge, the foregoing is true and accurate	
Name (print) Nº 003126	Signature	11	Receipt Date	
JW UUU 1 Z U		1	TOTAL TO DATE, 20 MI 17/1	

White - LANDFILL

3781862

	GENE	RATOR		
me of nerator: Defense Distribution De	Dofomon Disk ii ii D		SAME	
dress: 2163 Airways Blvd.		Address		
Memphis, TN 38114	Memphis, TN 38114			
one No. ( <u>901</u> ) <u>775-0173</u> ste ID. Code NoTUN-9807002		Phone No : /	)	
		1 110110 140 (		
ecial Handling Instructions and Additional In	nformation			
b Hunters USA of Tunica, Inc. Permit Number: SW-6720010459	Ticket Number:		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept of	Environmental Quality	/ (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soıl	22.43	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent	Signature	20750	Shipment Date	
15-4	TRANSP	OHIEH		
ck No.:		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>	
nsporter Name: <u>Matthews Trucking</u>	***	Driver Name (print):	Toe Grehon	
tress: 1340 Gwynn Road	<del></del>	Vehicle License No.	/State: 408242	
Nesbit, MS 38651		Vehicle Certification	MDOT 744570	
h my signature, I certify that the above materi he Generator site listed above.	al was picked up	With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.	
nature		Joe Suh	9,2,58	
lature	Pickup Date	Signature	Delivery Date	
	DESTINA	ATION		
Name:Trash Hunters USA Of	f Tunica, Inc.		Phone No. (COA) COA	
Address: 6035 Bowdre Rd. Rob		38661	Phone No.: (601) 363-2282	
repancies:			Time:	
reby certify that the above named material hi	as been agcepted and	to the Kest of my kr	nowledge, the foregoing is true and accurate.	
<u> </u>	19.17	m///	9, 7, 90	
ne (print)	Signature	///	Receipt Date	
WHIS - LAND	OFILL Yellow GENER	UTOR Pink TRANSI	PORTER TOTAL TO DATE: 3000 17	



### USA WASTE SERVICES

3781863

### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Address: 2163 Airways	tor: Defense Distribution Depot, Memphis		SAME
	9807002  d Additional Information.	·	
Trash Hunters USA of Tunica, Inc. Permit Number	: SW-0720010453 Ticket Number:	y (601) 961-5171	Customer Number
Waste Description  Dieldrin Contaminat Soil	Actual Quantity  Z3.52	Units  ☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	Container Type  Drum I Truck Carton Box Bag Other: Volume:
Generator Authorized Agent	Signature	1 Kall	9,2,9 Shipment Date
Truck No. Matthew Transporter Name: Matthew Address: 1340 Gwynn R Nesbit, MS 386 With my signature, I certify that the	651 ne above material was picked up	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature	o./State: 4 0 2 3 07  on: MDOT  o, I certify that the above named material wa
at the Generator site listed above  Signature	). <u>(**1-419-17-9-9</u> Pickup Date	delivered without i	Delivery Date
	DESTIN	IATION	
Site Address:Bowd			Phone No.: (601) 363-2282  Time:knowledge, the foregoing is true and accurate
Name (print) Nº 003128	Signature  Whee - LANDFILL Vellow GEN		9,2,98 Receipt Date

3781864

GEN			
me of nerator: Defense Distribution Depot, Memphis	Waste Generation Location	SAME	
tress 2163 Airways Blvd.	Address:		
Memphis, TN 38114			
one No : ( <u>901</u> ) <u>775-0173</u>	Phone No.: (		
ste ID Code No TUN-9807002	,		
эcial Handling Instructions and Additional Information:			
b Hunters USA of Tunica, Inc. Permit Number: SW-9720910459 Ticket Number: _		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept. of Environmental Qual			
Waste Description Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil 23.7b	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other	
e law or regulation, is not a hazardous waste as defined by 40 CFR i packaged, and is in proper condition for transportation according to the condition of transportation according to the condition according to the condition according to the condition according to the condition according to the condition according to the condition according to the condition according to the condition according to the condition according to	ng to applicable regul	ations.	
TACK / a //a/ nerator Authorized Agent Signature	ng to applicable regul	ations.	
TACK Kallal  Derator Authorized Agent  TRANS	PORTER	ations.  (a)  (b)  (c)  (c)  (d)  (d)  (e)  (d)  (e)  (e)  (f)  (f)  (f)  (f)  (f)  (f	
TRANS  Sk No.: 67-8	PORTER  Transporter Phone	Al 2,98 Shipment Date  No.: (601 ) 429-2200	
TRANS  TRANS  TRANS  TRANS  TRANS  TRANS  TRANS  TRANS  TRANS  TRANS	PORTER  Transporter Phone  Driver Name (print	All 8 8 Shipment Date  No.: (601) 429-2200  1): Tee Grahair	
TRANS  It is a support condition for transportation according to the support of the support of transportation according to the support of transport	PORTER  Transporter Phone  Driver Name (print	ations.	
TRANS  It No.:	PORTER  Transporter Phone  Driver Name (print  Vehicle License Ni  Vehicle Certification	ations.	
TRANS  It is a support condition for transportation according to the support of the support of transportation according to the support of transport	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature	ations.	
TRANS  TR	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certificatio With my signature delivered without i	Shipment Date  No.: (601) 429-2200  No.: (501) 429-2200  No.: ARRAYA  No.: MDOT 744570  No.: Lorrify that the above named material was incident to the destination listed below.  9,2,58	
TRANS  TR	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certificatio With my signature delivered without i	stions.  PJS 98  Shipment Date  No.: (601) 429-2200  De Graher  o./State: ACS242  on: MDOT 744570  o. I certify that the above named material was	
TRANS  TR	PORTER  Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certificatio With my signature delivered without i	Shipment Date  No.: (601) 429-2200  No.: (501) 429-2200  No.: ARRAYA  No.: MDOT 744570  No.: Lorrify that the above named material was incident to the destination listed below.  9,2,58	
TRANS  TR	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	Shipment Date  No.: (601) 429-2200  No.: (501) 429-2200  No.: ARRAYA  No.: MDOT 744570  No.: Lorrify that the above named material was incident to the destination listed below.  9,2,58	
TRANS  Track House Trucking  Track House Trucki	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without i	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date	
TRANS  Trucking  Tress:	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Phone No.: (601 ) 363-2282  Time:	
TRANS  Track House Trucking  Track House Trucki	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Phone No.: (601 ) 363-2282  Time:	
TRANS  Trucking  Tress:	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  Phone No.: (601 ) 363-2282  Time:	



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR	
Name of Generator Defense Distribution	Depot, Memphis	Waste Generation Location	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114			
Phone No. ( 901 ) 775-0173		Phone No : (	_)
Waste ID Code No.: TUN-980700		1 110110 110. 1	
Special Handling Instructions and Additiona			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-07200104	En Tieket Number		Customer Number
,			Customer Number
RESPONSIBLE AGENCY: Mississippi Dept.			
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated		☐ Pounds	☐ Drum ☑ Truck
Soil	24.44	☑ Tons ☐ Cu Yd	☐ Carton ☐ Box ☐ Bag ☐ Other:
3011		☐ Cu. Ft.	Volume
SALK IKa //a/ Generator Authorized Agent	Signature	nd Kull	Shipment Date
	TRANSF	PORTER	
Truck No.: 14 15 2 2		Transporter Phone	No.: (_601)429-2200
Transporter Name: Matthews Truck	ing	Driver Name (print	1/, 57
Address: 1340 Gwynn Road		Vehicle License No	1 1 6-3 (5-)
Nesbit, MS 38651		Vehicle Certification	n: MDOT
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up		, I certify that the above named material was projdent to the destination listed below.
Corner & June	Jan 1398	CHA	Jundrum 7, 7, 98
Signature	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	
Site Name:Trash Hunters USA	Of Tunica, Inc.		Phone No.: (601) _363-2282
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:
escrepancies:	·		
0.75.	rial has been accepted a	nd to the best of my	knowledge, the foregoing is true and accurate
Name (print)	Signature		Receipt Date
Nº 003130 whate-	LANDFILL Yellow GEN	// JERATOR Pink — TRAJ	NSPORTER TOTAL TO DATE: 3075.89



## USA WASTE SERVICES

	GENE	RATOR -		
me of nerator: Defense Distribution I		Waste Generation Location:	SAME	
dress. 2163 Airways Blvd.		Address:		
Memphis, TN 38114		<del>-</del>		
one No. (_901_) _775-0173 iste ID. Code NoTUN-9807002		Phone No ()		
ecial Handling Instructions and Additiona	Information.			
h Hunters USA of Tunica, Inc. Permit Number: SW-07200104	59 Ticket Number		Customer Number	
			Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept.  Waste Description			_	
Wasie Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated	3,71	☐ Pounds ☐ Include ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ Drum ☑ Truck ☐ Carton ☐ Box	
Soil	21.74	☐ Cu Yd.	Bag Other:	
		☐ Cu Ft.	Volume <sup>.</sup>	
packaged, and is in proper condition for	transportation according	'61 or anv annlicable s	state law, has been properly described, classified ations.	
h my signature, I certify that the above naite law or regulation, is not a hazardous wasted packaged, and is in proper condition for the c	(e as geiined by 40 CFH 2	to applicable seguing	tato law has been ampedy described elections	
a packaged, and is in proper condition for the packaged and is in proper condition for the packaged and is in proper condition for the packaged and the package	transportation according Signature	of or any applicable so to applicable regular solutions of the control of the con	state law, has been properly described, classified ations.  Shipment Date	
d packaged, and is in proper condition for TACK Mulfall Agent  ck No.: A TACK TACK TACK TACK TACK TACK TACK TA	transportation according Signature	or any applicable so to applicable regular solution.  ORTER  Transporter Phone	Shipment Date  No.: (601) 429-2200	
packaged, and is in proper condition for TACK Alla (Alla) nerator Authorized Agent  ck No.: Matthews Truckii	transportation according Signature	ORTER  Transporter Phone Driver Name (print)	Shipment Date  No.: (601 ) 429-2200  Shipment Date	
packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	transportation according Signature	ORTER  Transporter Phone Driver Name (print)	Shipment Date  No.: (601) 429-2200	
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	transportation according Signature  TRANSP	ORTER  Transporter Phone Driver Name (print)	No.: (601) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment Date	
packaged, and is in proper condition for the packaged packaged, and is in proper condition for the packaged pac	transportation according Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	No.: (601) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment MDOT	
packaged, and is in proper condition for the packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, a	TRANSP  Transportation according  Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date	
packaged, and is in proper condition for the packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packaged, and is in packag	Signature TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date	
packaged, and is in proper condition for the state of packaged, and is in proper condition for the state of t	TRANSP  Transportation according  Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date	
ck No.: Matthews Trucking In the state of packaged, and is in proper condition for the state of	TRANSP  Signature  TRANSP  Aterial was picked up  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment Date  No.: (401) 429-2200  Shipment Date  Delivery Date	
packaged, and is in proper condition for the state of packaged, and is in proper condition for the state of t	TRANSP  Signature  TRANSP  Iterial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: MDOT  I certify that the above named material was neident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282	
packaged, and is in proper condition for The Kill All All All All All All All All All	TRANSP  Signature  TRANSP  Iterial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (MDQU M)  Shipment Date  No.: (401 ) 429-2200  Shipment Date  No.: (401 ) 429-2200  Shipment Date  No.: (401 ) 429-2200  Shipment Date  No.: (401 ) 429-2200  Delivery Date	
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and the packaged and the packaged, and the packaged and the packaged, and	TRANSP  Signature  TRANSP  Aterial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.  Robinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	No.: (601) 429-2200  No.: (601) 429-2200  Shipment Date  No.: (501) 429-2200  Co./State: 40/10/24/20/20/20/20/20/20/20/20/20/20/20/20/20/	
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and the packaged and the packaged, and the packaged and the packaged, and	TRANSP  Signature  TRANSP  Aterial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.  Robinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282  Time:	
packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and is in proper condition for the packaged, and the packaged and the packaged, and the packaged and the packaged, and	TRANSP  Signature  TRANSP  Aterial was picked up  Pickup Date  DESTIN  Of Tunica, Inc.  Robinsonville, MS	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (MDQU M)  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282	



3781867

NON-	HAZARDOUS	WASTE MAN	IIFEST	~3 <u>.</u>
	GENEI	RATOR		
Name of Generator Defense Distribution D	epot, Memphis	Waste Generation Location.	SAME	
Address: 2163 Airways Blvd.		Address		
Memphis, TN 38114				
Phone No . (_901)775-0173		Phone No.: (	)	
Waste ID. Code NoTUN-9807003	2			
Special Handling Instructions and Additional	Information:			
Trash Hunters USA of Tunica, Inc. Permit Number SW-072001045 RESPONSIBLE AGENCY: Mississippi Dept. (		v (601) 961-5171	Customer Number: _	
Waste Description	Actual Quantity	Units	Contai	ner Type
Dieldrin Contaminated Soil	27.14	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Tru ☐ Carton ☐ Bo ☐ Bag ☐ Ot Volume:	her
Generator Authorized Agent	Signature	PORTER		Shipment Date
Truck No.: Rm - 7		Transporter Phone	No.: ( <u>601</u> ) <u>429</u>	2200
Transporter Name. Matthews Trucki	na		1 ACKIE	
Address: 1340 Gwynn Road			/State: 12088	
Nesbit, MS 38651		Vehicle Certification	·	
With my signature, I certify that the above ma at the Generator site listed above.	iterial was picked up	With my signature,	I certify that the above cident to the destination	named material was n listed below.
Signature Signature	Pickup Date	Signature	e yount	Delivery Date
<del></del>	DESTIN	IATION		
Site Name: <u>Trash Hunters USA</u>			Phone No.: (601)	363-2282
Site Address: 6035 Bowdre Rd. F	ropinsonville, MS	38664	Time:	
screpancies:				
hereby certify that the above named materi	al has been accepted a	no to the best of my k	newledge, the foregoing	is true and accurate
Name (print)	Signature	Suff	1	Receipt Date
Nº 003132	LANDFILL Yellow — GEN	ERATER PINK — TRANS	SPORTER TOTAL TO DA	TE:319.77



	GENE	RATOR		
Name of Generator: Defense Distribution	Depot, Memphis	Waste Generation Location	SAME	
Address 2163 Airways Blvd.				
Memphis, TN 38114	- <del></del>	Add1635		
Phone No.: (_901)775-0173		Phone No ()		
TUN 00070		Priorie No (		
Waste ID. Code No 10N-98070  Special Handling Instructions and Addition				
Trash Hunters USA of Tunica, Inc. Permit Number: SW-872881	0459 Ticket Number	- 170-	Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dep	t of Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	20.50	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu, Ft.	☐ Drum	
JACK Kallal		ng to applicable regula	Cal 9 2 9	
JACK Kallal	Signature	A Kull	Shipment Date	
JACK Kallal	Signature	PORTER	Cal 9, 2, 9	
SPEK Kalled Generator-Authorized Agent	Signature	A Kull	Shipment Date	
SPEK Kalled Generator-Authorized Agent  Truck No.:	Signature	PORTER Transporter Phone	Shipment Date	
Generator-Authorized Agent  Truck No.:	Signature	PORTER Transporter Phone	Shipment Date  Shipment Date  No. (601 ) 429-2200  t): Jee 6-hgm	
Generator-Authorized Agent  Truck No.:  Transporter Name:Matthews Truc	Signature	PORTER  Transporter Phone Driver Name (print	Shipment Date  Shipment Date  No. (601 ) 429-2200  t): Jee 6-ham  no./State:A08242	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above in	Signature TRANSF	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	Shipment Date  Shipment Date  No. (601) 429-2200  1): Joe Grange  10./State: A08242	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.	Signature TRANSI king material was picked up	Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in	Shipment Date  Shipment Date  No. (601_) 429-2200  It): Jee Gran  No./State:A08242  On: _MDOT 744570  It, I certify that the above named material waincident to the destination listed below.	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.	Signature TRANSF	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	Shipment Date  Shipment Date  No. (601_) 429-2200  It): Jee Gran  No./State:A08242  On: _MDOT 744570  It, I certify that the above named material waincident to the destination listed below.	
Generator Authorized Agent  Fruck No.:  Fransporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.	Signature TRANSI king material was picked up	Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No. (601 ) 429-2200  1): See Sam  10./State: A08242  10./State: A08242  10. I certify that the above named material we incident to the destination listed below  9.12.5	
Generator-Authorized Agent  Fruck No.:  Fransporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.  Signature	Signature  TRANSI  king  material was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License Ni Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No. (601_) 429-2200  It): Jee Granger  No./State:A08242  On: _MDOT 744570  It is a certify that the above named material we incident to the destination listed below.  Delivery Date	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.  Signature  Site Name: Trash Hunters US	Signature  TRANSI  king  material was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No. (601) 429-2200  It): See Grange  No./State: A08242  On: MDOT 744570  Incident to the destination listed below Grange Delivery Date  Phone No: (601) 363-2282	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.  Signature  Site Name: Trash Hunters US  Site Address: 6035 Bowdre Rd.	Signature  TRANSI  king  material was picked up  Pickup Date  DESTINA  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No. (601) 429-2200  It): See Grade  No./State: A08242  On: MDOT 744570  In a certify that the above named material we incident to the destination listed below  Phone No: (601) 363-2282	
Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.  Signature  Site Name:	Signature  TRANSI  king  material was picked up  Pickup Date  DESTIN  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  MATION  38664	Shipment Date  Shipment Date  No. (601_) 429-2200  I): 160 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Generator-Authorized Agent  Truck No.:  Transporter Name: Matthews Truc  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above is at the Generator site listed above.  Signature  Site Name: Trash Hunters US  Site Address: 6035 Bowdre Rd.	Signature  TRANSI  king  material was picked up  Pickup Date  DESTIN  A Of Tunica, Inc.  Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature MATION  38664	Shipment Date  Shipment Date  No. (601) 429-2200  I): See Gran  Io./State: A08242  Ion: MDOT 744570  Io. I certify that the above named material we incident to the destination listed below.  Delivery Date  Phone No: (601) 363-2282  Time:	

3781869

me of nerator: Defense Distribution Depot, Meters2163 Airways Blvd.				
trace 2163 Airways Blvd	Dotopoo Diotribution Danas Manaba		SAME	
ле <b>ээ</b>		Address		
Memphis, TN 38114		. <del>.</del>		
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No. (	)	
ste ID Code No. TUN-9807002				····
ecial Handling Instructions and Additional Information:				
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ticket 1	Number:		Customer Nu	ımber
SPONSIBLE AGENCY: Mississippi Dept of Environme	ental Quality (	(601) 961-5171		
Waste Description Actual C	Quantity	Units		Container Type
Dieldrin Contaminated Soil	.17	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu. Ft.	☐ Drum ☐ Carton ☐ Bag	⊠ Truck □ Box □ Other
nerator Authorized Agent Signatur	TRANSPO	DTED		Shipment Date
011-3	MANGEO	ni en		· · · · · · · · · · · · · · · · · · ·
ck No.:	<del></del>	Transporter Phone I	No.: ( <u>601</u> )	429-2200
nsporter Name: Matthews Trucking	<del></del>	Driver Name (print):	MINA	MONFAL
ress: 1340 Gwynn Road	<del></del>	Vehicle License No.		186000
Nesbit, MS 38651	<del></del>	Vehicle Certification	: MDOT	190277
n my signature, I certify that the above material was pione. Generator site listed above.		With my signature,	I certify that the	e above named material was stination listed below.
).00 - Nizo 0 4	90		ordenii ib ine de	
nature Pickup D	ate	Signature	3 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Delivery Date
	DESTINA	<del></del>		
			<del></del>	
T. 1.11 110.1.0.	a, Inc.		Phone No : (6)	01) 363-2282
Name:Trash Hunters USA Of Tunic		0004		
Name:Trash Hunters USA Of Tunic Address:6035 Bowdre Rd. Robinsonv		8664	Time	
Address: 6035 Bowdre Rd. Robinsonv	rille, MS 3	8664		
Address: 6035 Bowdre Rd. Robinsonv	rille, MS 3	8664		
Address: 6035 Bowdre Rd. Robinsonv	rille, MS 3	8664		



3781870

TOTAL TO DATE:

Pink - TRANSPORTER

#### **NON-HAZARDOUS WASTE MANIFEST**

GENE	ERATOR		
Name of Generator: Defense Distribution Depot, Memphis	Waste Generation Location SAME		
Address. 2163 Airways Blvd.	Address.		
Memphis, TN 38114			
Phone No (901) 775-0173	Phone No.: ()		
Waste ID Code No. TUN-9807002			
Special Handling Instructions and Additional Information:			
	Customer Number		
RESPONSIBLE AGENCY: Mississippi Dept. of Environmental Quality  Waste Description Actual Quantity			
Dieldrin Contaminated Soil  Actual Quantity	Units Container Type  ☐ Pounds ☐ Drum ☐ Truck ☐ Carton ☐ Box ☐ Cu. Yd ☐ Cu. Ft. Volume		
Generator Authorized Agent Signature  TRANS	PORTER Shipment Date		
Truck No. Rm - 7	Transporter Phone No.: (601 ) 429-2200		
Transporter Name: Matthews Trucking	Driver Name (print): JACKIE YOUT		
Address: 1340 Gwynn Road	Vehicle License No./State: A 0 7 88 1 M5		
Nesbit, MS 38651	Vehicle Certification: MDOT		
With my signature, I certify that the above material was picked up at the Generator site listed above.	With my signature, I certify that the above named material was delivered without incident to the destination listed below.		
Signature Fickup Date	Signature James Delivery Date		
DESTI	NATION		
Site Name:Trash Hunters USA Of Tunica, Inc. Site Address6035 Bowdre Rd. Robinsonville, MS	5 38664 Time:		
hereby certify that the above named material has been accepted  Name (print)  Signature	and to the best of my knowledge, the foregoing is true and accurate.  9,721,76  3>37.40  Receipt Date		
NO 002160			

White -- LANDFILL

GEN	ERATOR			
me of Defense Distribution Depot, Memphis	Waste Generation Location: SAME			
tress: 2163 Airways Blvd.	Address:			
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u>	Phone No.: ()			
ste ID Code No TUN-9807002	,			
ecial Handling Instructions and Additional Information				
1 Hunters USA of Tunica, Inc. Permit Number SW-8728010459 Ticket Number	Customer Number			
SPONSIBLE AGENCY: Mississippi Dept of Environmental Qual	ty (601) 961-5171	-		
Waste Description Actual Quantity	Units Containe	г Туре		
Dieldrin Contaminated Soil	☐ Pounds ☐ Drum ☑ Truc ☐ Tons ☐ Cu. Yd ☐ Bag ☐ Othe ☐ Cu. Ft ☐ Volume:	or:		
nerator Authorized Agent Signature	PORTER	Shipment Date		
<b>7.</b> 1	PORTER			
k No. Zin Y	Transporter Phone No.: (601) 429-	2200		
sporter Name Matthews Trucking	Driver Name (print): KAY Young			
ress 1340 Gwynn Road	Vehicle License No./State: AD-7£70	<u>†                                     </u>		
Nesbit, MS 38651	Vehicle Certification. MDOT	· · · · · · · · · · · · · · · · · · ·		
my signature, I certify that the above material was picked up ne Generator site listed above.	With my signature, I certify that the above redelivered without incident to the destination I	amed material was sted below.		
Acur Vo. 7/8 Pickup Date	Signature	Delivery Date		
DESTI	NATION			
Name: Trash Hunters USA Of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS	Phone No.: (601) 3(			
	Time:			
repancies:	4 \ 2			
reby certify that the above named material has been accepted	and to the best of my knowledge, the foregoing is	true and accurate.		
se (print) Signature	Caf f	Receipt Date		
003159	TOTAL TO DATE.	3263.71		
White LANDFILL Yellow GE	VERATOR PINK - TRANSPORTER TOTAL TO UNITE:	2467.11		



3781872

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
Name of Generator Defense Distribution Depot, Memphis		Waste Generation Location. SAME		
Address 2163 Airways Blvd.		Address:		
Memphis, TN 38114	•			
Phone No (901) 775-0173		Phone No (	)	
Waste ID. Code No. TUN-9807002			,	
Special Handling Instructions and Additiona				
Trash Hunters USA of Tunica, Inc. Permit Number SW-07200104	59 Ticket Number:		Customer Number	
RESPONSIBLE AGENCY Mississippi Dept.	of Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	25.76	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date	
Truck No :		Transporter Phone	No.· (601) 429-2200	
Transporter Name: Matthews Truck	ing	Driver Name (print): BryANT Graham		
Address 1340 Gwynn Road		Vehicle License N		
Nesbit, MS 38651	<u></u>	Vehicle Certification: _MDOT		
With my signature, I certify that the above m at the Generator site listed above.	aterial was picked up		e, I certify that the above named material was incident to the destination listed below.	
Signature Thehem	09,21,58 Pickup Date	Signature)	Unche 89,31,98 Delivery Date	
	DESTI	NATION		
Site Name: <u>Trash Hunters USA</u> Site Address: <u>6035 Bowdre Rd.</u>	Robinsonville, MS	38664	Phone No.: (601)363-2282	
•	rial has been accepted a		knowledge, the foregoing is true and accurate.	
NO 003158	cidilarnia \	-	Receipt Date	

Nº 003158

White -- LANDFILL

Yellow — GENERATOR

Pink — TRANSPORTER

TOTAL TO DATE: 3289,47

3781873

	GEN	RATOR		
Defense Distribution De	epot, Memphis	Waste Generation Location	SAME	
ress 2163 Airways Blvd.		Address		
Memphis, TN 38114		<del></del>		
\ <u> </u>		Phone No. (	)	
te ID Code NoTUN-9807002				
cial Handling Instructions and Additional In	formation:			
Tunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Alicert	
PONSIBLE AGENCY: Mississippi Dept. of i			Customer Number:	
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	29.71	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume: Volume: Defined by 40 CFR Part 260.10 or any applicable	
	Signature	ORTER	Shipment Date	
No		Transporter Phone	No: (601) 429-2200	
porter Name <u>Matthews Trucking</u>			$\mathcal{L}_{1}$	
ss: 1340 Gwynn Road			State: A O 8242 M <	
Nesbit, MS 38651	·	Vehicle Certification	•	
my signature, I certify that the above material Generator site listed above.	il was picked up	With my signature.	I certify that the above named material was cident to the destination listed below.	
ture Mahan 09	3,81,98 Pickup Date	Signature S	There 9,21,58  Delivery Date	
	DESTINA	TION		
ame:Trash Hunters USA Of	Tunica Inc			
ddress: 6035 Bowdre Rd. Robi	nsonville, MS 3	XKK4	Phone No.: (601) 363-2282	
pancies:			Firme:	
	s been accepted and	to the best of my kn	owledge, the foregoing is true and accurate.	
003157	Signature		Receipt Date	
White LANDE	ILL Yellow - GENER	TOR Such Thisting	TOTAL TO DATE: 23/9/10	



GEN	NERATOR
Name of Generator Defense Distribution Depot, Memphis	Waste Generation SAME Location.
Address 2163 Airways Blvd.	Address
Memphis, TN 38114	
Phone No (901) 775-0173	Phone No.: ()
Waste ID Code No TUN-9807002	
Special Handling Instructions and Additional Information.	
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ticket Number	Customer Number
RESPONSIBLE AGENCY. Mississippi Dept of Environmental Qu	ality (601) 961-5171
Waste Description Actual Quantity	
Dieldrin Contaminated Soil	□ Pounds         □ Drum         ☑ Truck           ☑ Tons         □ Carton         □ Box           □ Cu Yd.         □ Bag         □ Other           □ Cu. Ft         Volume
Generator Authorized Agent Signature  TRAN	Shipment Date  ISPORTER
Truck No. E'M	Transporter Phone No : (601 ) 429-2200
Transporter Name Matthews Trucking	Driver Name (print): RAY YOUNG
Address. 1340 Gwynn Road	Vehicle License No./State: 140 18 19
Nesbit, MS 38651	Vehicle Certification: MDOT
With my signature, I certify that the above material was picked up at the Generator site listed above.	
Parls 9,21,98	
Signature Pickup Date	Signature Delivery Date
DES	TINATION
Trook Hunters HSA Of Tusing Inc	
Site Name: Trash Hunters USA Of Tunica, Inc. Site Address: 6035 Bowdre Rd. Robinsonville, N	15 30664
	713 38664 Time:
Discrepancies:	
I hereby certify that the above named material has been accepte	d and to the best of my knowledge, the foregoing is true and accurate.
Name (print) Signature	Receipt Date
Nº 003156	GENERATOR PINK - TRANSPORTER TOTAL TO DATE: 2345.19



3781875

	GENE	RATOR		
ne of Defense Distribution De	epot, Memphis	Waste Generation Location:	SAME	
ress 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
ne No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ite ID Code NoTUN-9807002		(		
cial Handling Instructions and Additional In	oformation:			
Hunters USA of Tunica, Inc. Permit Number SW-0720018459	Ticket Number:		Customer Number	
SPONSIBLE AGENCY Mississippi Dept. of				
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contamınated Soil	29.95	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other ☐ Volume:	
erator Authorized Agent	Signature TRANSPO	ORTER	Shipmer	it Date
k No.: Rm7				
	·	Transporter Phone		
sporter Name <u>Matthews Trucking</u> ress <u>1340 Gwynn Road</u>			JACKLE YOUNT	
Nesbit, MS 38651	· · · · · · · · · · · · · · · · · · ·		./State: Ad 788 1 m	<u></u>
<del></del>		Vehicle Certification		<del></del>
i my signature, I certify that the above materi ie Generator site listed above.	iai was picked up	With my signature, delivered without in	I certify that the above named manding to the destination listed below	terial was
Delles Irens 9	,21,98	back	Dialorate 9 2	198
ature	Pickup Date	Signature	Deliver	y Date
3	DESTINA	ATION V	)	
Name: Trash Hunters USA O	f Tunica, Inc		Phone No. / 604 2 000 000	
Address: 6035 Bowdre Rd. Rot		38664	Phone No.: (601) 363-228	2
repancies			Time:	
eby certify that the above named material h	as been accepted and	to the best of roots	nowledge the foregoing in true and	
	1000		7 , Z	accurate.
(print) 003155	Signature		Receipt	Date
Whate LAN	DFILL Yellow GENER	ATOR PINE TRANS	TOTAL TO DATE: 727	111



3781876

		GENE	RATOR	
Waste ID C	Memphis, TN 38114 ( 901 ) 775-0173 ode No. TUN-9807002		Phone No. (	SAME
	A of Tunica, Inc Permit Humber SW-0720010459 BLE AGENCY <sup>1</sup> Mississippi Dept. o		y (601) 961-5171	Customer Number
Dielo	drın Contaminated Soil	Actual Quantity  27.05	Units  Pounds Tons Cu. Yd. Cu Ft	Container Type  Drum I Truck Carton Box Bag Other: Volume:
and package	ed, and is in proper condition for Lallal uthorized Agent	Signature	g to applicable regula	tate law, has been properly described, classified ations.
Address	Name: Matthews Trucking 1340 Gwynn Road Nesbit, MS 38651  nature, I certify that the above materator site listed above.		Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	o: Bryant Graham  o:/State: AORZ 42 MS  n: MDOT  I certify that the above named material was
Signature	yet Jahr	7 1 2 11 5 8 Pickup Date	Signature Signature	Delivery Date
	· · · · · · · · · · · · · · · · · · ·	DESTIN	ATION	
	es	obinsonville, MS		Phone No.: (601) _363-2282  Time:  knowledge, the foregoing is true and accurate.
Namé (print)	3154	Signature  ANDFILL Yellow — GEN	ERATOR Pink — TRAN	Receipt Date  TOTAL TO DATE: 7402. 19

3781877

	GENE	RATOR		
me of nerator Defense Distribution De	pot, Memphis	Waste Generation Location	SAME	
tress. 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u>		Phone No. ()		
ste ID Code No TUN-9807002		<del>(</del>		
ecial Handling Instructions and Additional In	formation:			
h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept. of	Environmental Quality	/ (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	26.19	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent	Signature	OPTER	Shipment Date	
Om. I	Inanor	Onien		
ck No		Transporter Phone	No.: ( <u>601</u> ) <u>429-2200</u>	
nsporter Name: Matthews Trucking		Driver Name (print)	: KAY YOU~)	
tress 1340 Gwynn Road		Vehicle License No /State: 白ひフタッタ		
Nesbit, MS 38651		Vehicle Certification	n: MDOT	
h my signature, I certify that the above materi he Generator site listed above.	ial was picked up	With my signature, delivered without in	I certify that the above named material was acident to the destination listed below.	
nature Kay Your	7,21,98			
	Pickup Date	Signature	Delivery Date	
	DESTINA	ATION		
Name: Trash Hunters USA O			Phone No.: (601) 363-2282	
Address: 6035 Bowdre Rd. Rot	oinsonville, MS	38664	Time:	
crepancies:		71		
	as been accepted an	d to the bast of my le	nowledge, the foregoing is true and accurate.	
ne (print)	Signature		Receipt Date	
2 003153 White — LAN	DFILL Yellow — GENE	RATOR Pink TRANS	TOTAL TO DATE: 7476. 24	



3781878

GENE	RATOR
Name of Generator Defense Distribution Depot, Memphis  Address 2163 Airways Blvd.  Memphis, TN 38114	Waste Generation Location: SAME Address:
Phone No . ( 901 ) 775-0173  Waste ID Code No TUN-9807002	Phone No.: ()
Special Handling Instructions and Additional Information:	
Trash Hunters USA of Tunica, Inc. Permit Number SW-9720010459 Ticket Number	Customer Number
RESPONSIBLE AGENCY: Mississippi Dept. of Environmental Qualit  Waste Description Actual Quantity	
Dieldrin Contaminated 28.52 Soil	☐ Pounds ☐ Drum ☒ Truck ☐ Carton ☐ Box ☐ Cu. Yd ☐ Bag ☐ Other. ☐ Cu. Ft. Volume.
Generator Authorized Agent Signature	A Kallel G St. C. Shipment Date
TRANSF	OHIER
Truck No.: 17 1/2 1	Transporter Phone No.: (601) 429-2200
Transporter Name: Matthews Trucking	Driver Name (print): JACKIE YOUNT
Address: 1340 Gwynn Road	Vehicle License No./State: A07881 m5
Nesbit, MS 38651	Vehicle Certification: MDOT
With my signature, I certify that the above material was picked up at the Generator site listed above.	With my signature, I certify that the above named material delivered without incident to the destination listed below.
Signature Jourt 9, 21, 98 Pickup Date	Signature Jount 9 12 1 9  Delivery Date
DESTIN	HOITAI
Site Name: Trash Hunters USA Of Tunica, Inc.  Site Address: 6035 Bowdre Rd. Robinsonville, MS  Piscrepancies:	Phone No : (601) 363-2282  38664 Time:
hereby certify that the above named material has been accepted a	and to the best of my knowledge. The foregoing is true and accu
Name (print) Signature  Nº 003152 White - LANDFILL Yellow - GEN	Receipt Date  TOTAL TO DATE: 7456.9

3781879

### **NON-HAZARDOUS WASTE MANIFEST**

	GENER	RATOR		
me of Defense Distribution Depot, Me	emphis	Waste Generation Location	SAME	
ess. 2163 Airways Blvd.		Address		
Memphis, TN 38114				
one No (901) 775-0173			)	
ste ID Code No TUN-9807002	·			
ecial Handling Instructions and Additional Information:				
1 Hunters USA of Tunica, Inc. Permrt Humber: SW-0720018459 Ticket N	lumber:		Customer Number _	
SPONSIBLE AGENCY. Mississippi Dept. of Environment	ntal Quality	(601) 961-5171		
Waste Description Actual Q		Units	Contain	ег Туре
Dieldrin Contaminated Soil	13	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Tru ☐ Carton ☐ Box ☐ Bag ☐ Oth Volume:	ner
nerator Authorized Agent Signatur	TRANSPO	ORTER		Shipment Date
:k No		Transporter Phone	No: (601 ) 429.	2200
sporter Name: _Matthews Trucking		Driver Name (print		YOUNT
ress: 1340 Gwynn Road		**	o./State: A0788	) ms
Nesbit, MS 38651		Vehicle Certification		
n my signature, I certify that the above material was pictine Generator site listed above.	ked up	With my signature	, I certify that the above noident to the destination	named material was listed below.
nature Pickup Da	1 <u>8</u> ite	Signature	yount (	Delivery Date
	DESTINA	TION		
Name: Trash Hunters USA Of Tunica	a. Inc.		Phone No. (CO1)	262 2222
Address: 6035 Bowdre Rd. Robinsonvi		38664	Phone No.: (601) _ 3	10.3-2282
repancies		<del></del>	INITO.	
reby certify that the above named material has been a	ccepted and	d to the best of my l	knowledge, the foregoing	is true and accurate.
se (print) /0 Signature	<b>a</b>	00		Receipt Date
2 003151 White LANDFILL	Yellow - GENER	NATOR Pink — TRAN	SPORTER TOTAL TO DATE	: 3483.63



	GENEF	RATOR		
Name of Generator. Defense Distribution D	epot, Memphis	Waste Generation Location	SAME	
Address 2163 Airways Blvd.		Address.		
Memphis, TN 38114				
Phone No . ( 901 ) 775-0173				
Waste ID. Code No TUN-9807002	· · · · · · · · · · · · · · · · · · ·			
Special Handling Instructions and Additional	Information.			
Trash Hunters of Tunica, inc. Permit Number 8W-9720010459	Ticket Number		Customer Number	
RESPONSIBLE AGENCY. Mississippi Dept. o				
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	Z5.P	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other	
Generator Authorized Agent	Signature	ORTER	Shipment Date	
Truck No RM4		T	601 420 2200	
Transporter Name: Matthews Trucking	 ng	•	no.: (601) 429-2200	
Address: 1340 Gwynn Road		Vehicle License No./State: A07879		
Nesbit, MS 38651		Vahicle Certification: MDOT		
With my signature, I certify that the above mat at the Generator site listed above.	terial was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.	
Lovier	7,22,98		, ,	
Signature 1	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Site Name: Trash Hunters of Tu	inica Inc		Photo No. ( 201) 200 2000	
Site Address: 6035 Bowdre Rd. R		38664	Phone No.: (601) 363-2282	
-			Time:	
I hereby certify that the above hamed materia	al has been accepted a	nd to the best of	knowledge, the foregoing is true and accurate.	
Name (print)	Signature	-n///	102,98 Basin Basin	
Nº 003212	-	SAATOR PINK — TRA	Receipt Date  TOTAL TO DATE: 2508.82	



3781881

	GENE	HAIOH		
	erator: Defense Distribution Depot, Memphis		SAME	
tress: 2163 Airways Blvd.		Address		
Memphis, TN 38114		<del>-</del>		
one No (901) 775-0173		Phone No ()		
ste ID Code No TUN-980700	2			
ecial Handling Instructions and Additional	I Information:			
a Hunters of Tunice, Inc. Permit Number SW 0720010459	Ticket Number:		Customer Number	
			Castomer Namber	
SPONSIBLE AGENCY Mississippi Dept.  Waste Description			Ongresia and Tra	
Wasie Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated	7//	☐ Pounds ☑ Tons	☐ Drum ☑ Truck ☐ Carton ☐ Box	
Soil	66.97	□ Cu Yd	Bag Other:	
		□ Cu Ft.	Volume:	
packaged, and is in proper condition for	r transportation according	of or any applicable st to applicable regular	9 32, 98	
packaged, and is in proper condition for	Signature	g to applicable regular	tions.	
packaged, and is in proper condition for	r transportation according	g to applicable regular	tions.	
packaged, and is in proper condition for the second	Signature	g to applicable regular	Shipment Date	
packaged, and is in proper condition for the con	Signature  TRANSP	orter  Transporter Phone	Shipment Date	
packaged, and is in proper condition for A C C C C C C C C C C C C C C C C C C	Signature  TRANSP	ORTER  Transporter Phone Oriver Name (print)	Shipment Date  No.: (601) 429-2200	
packaged, and is in proper condition for the second	Signature  TRANSP	ORTER  Transporter Phone Oriver Name (print)	Shipment Date  No.: (601) 429-2200  : JACKIE LEN YOUNT  A/State: A07881 MS	
packaged, and is in proper condition for the land of t	Signature TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	Shipment Date  No.: (601) 429-2200  : JACKIE LEN YOUNT  DISTANCE MOTERIAL MS  D. MDOT	
ress: 1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above ma	Signature TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature,	Shipment Date  No.: (601 ) 429-2200  : JACK, e Lew Yount  o/State: A01881 m5  n. MDOT  I certify that the above named material was	
ress: 1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above mather above.	Signature TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  : JACK, e Lew Yount  o/State: A01881 m5  n. MDOT  I certify that the above named material was	
ress: 1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above mather above.	Signature TRANSP  Ing  aterial was picked up	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  I JACK LE LEN YounT  State: A01881 MS  In MDOT  I certify that the above named material was acident to the destination listed below  Jan Yount 9 22 98	
ress: 1340 Gwynn Road Nesbit, MS 38651 h my signature, I certify that the above mather described above.	Signature  TRANSP  Ing  aterial was picked up  Pickup Date  DESTIN	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	Shipment Date  No.: (601) 429-2200  : JACK, e Lew Your I  ./State: Ao 1881 ms  n. MDOT  I certify that the above named material was acident to the destination listed below  Jan Your 9 22 18  Delivery Date	
packaged, and is in proper condition for the Land Land Land Land Land Land Land Land	Signature  TRANSP  Ing  Aterial was picked up  Pickup Date  DESTIN  unica, Inc.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601) 429-2200  I JACK LE LEN YounT  State: A01881 MS  In MDOT  I certify that the above named material was acident to the destination listed below  Jan Yount 9 22 98	
packaged, and is in proper condition for the Land Land Land Land Land Land Land Land	Signature  TRANSP  Ing  Aterial was picked up  Pickup Date  DESTIN  unica, Inc.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	Shipment Date  No.: (601) 429-2200  : JACK, e Len Youn I  ./State: Ao 1881 ms  n. MDOT  I certify that the above named material was acident to the destination listed below  Jan Yount 9 22 18  Delivery Date	
packaged, and is in proper condition for the Land Land Land Land Land Land Land Land	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601 ) 429-2200  : JACK, e Len Youn I  ./State: A01881 ms  n. MDOT  I certify that the above named material was acident to the destination listed below  Jan Yourt 9 22 18  Delivery Date  Phone No.: (601) 363-2282  Time:	
packaged, and is in proper condition for the Land Land Land Land Land Land Land Land	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601) 429-2200  : JACK, e Lew Yount  J./State: A01881 ms  n. MDOT  I certify that the above named material was acident to the destination listed below  Delivery Date  Phone No.: (601) 363-2282	
packaged, and is in proper condition for the Land Land Land Land Land Land Land Land	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	Shipment Date  No.: (601) 429-2200  : JACK, e Lew Your Tour Tour Tour Tour Tour Tour Tour T	



3781882

	GENE	RATOR	
Name of Generator: Defense Distribution D	Depot, Memphis	Waste Generation Location:	SAME
Address: 2163 Airways Blvd.		Address:	
Memphis, TN 38114			
Phone No (901) 775-0173		Phone No : (	)
Waste ID Code No TUN-980700			
Special Handling Instructions and Additional	<del></del>		
Special Hariding histractions and Additional	mormation.		
_			
Trash Hunters of Tunica, Inc. Permit Number 8W-0720010459	Ticket Number		Customer Number:
RESPONSIBLE AGENCY Mississippi Dept.	of Environmental Qualit	y (601) 961-5171	
Waste Description	<b>Actual Quantity</b>	Units	Container Type
		☐ Pounds	☐ Drum ☑ Truck
Dieldrın Contaminated	2/2 40	☑ Tons	☐ Carton ☐ Box
Soil	10.0	□ Cu Yd □ Cu Ft	Bag Other
and packaged, and is in proper condition for	r transportation according		ations. $9^{5622}$
and packaged, and is in proper condition for	r transportation accordin	g to applicable regula	
and packaged, and is in proper condition for	r transportation according	g to applicable regula	ations. $9^{3622}$
and packaged, and is in proper condition for JACK Kull cul Generator Authorized Agent	r transportation accordin	g to applicable regular value of the second	Shipment Date  No.: (601 ) 429-2200
and packaged, and is in proper condition for TACK Kull cul Generator Authorized Agent  Truck No.: RM	r transportation according Signature  TRANSF	g to applicable regular value of the second	ations.  9 5 2 2 9 5 5 1 9 5 5 1 9 5 5 1 9
and packaged, and is in proper condition for TACK Kull cul Generator Authorized Agent  Truck No.: RM	r transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print	Ations.  93622 Shipment Date  No.: (601 ) 429-2200  The Ray Young
and packaged, and is in proper condition for TACK Kull cul Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck	r transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  o./State: Ao 78 79
and packaged, and is in proper condition for JACK Kull cull Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck Address: 1340 Gwynn Road	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  o./State: Ao 78 79  on: MDOT
and packaged, and is in proper condition for JACK Kull cull Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materials and signature is certify that the above materials and signature.	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  to./State: Ao 78 75  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
and packaged, and is in proper condition for JACK Kull cull Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above materials and signature.	Signature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  o./State: Ao 78 79  on: MDOT  e, I certify that the above named material was
and packaged, and is in proper condition for JACK Kull Cull Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mat the Generator site listed above.  Ray Your	Signature  TRANSF  Ing  aterial was picked up  9 22 98  Pickup Date	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  to./State: Ao 78 75  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
and packaged, and is in proper condition for JACK Kull Cull Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above mat the Generator site listed above.  Ray Your	Signature TRANSF  Ing  aterial was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without i	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  so./State: Ao 78 75  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date
and packaged, and is in proper condition for JACK Kull cul  Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matter the Generator site listed above.  Ray Your  Signature	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ne Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  to./State: Ao 78 75  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
and packaged, and is in proper condition for JACK Kull cul  Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matter the Generator site listed above.  Signature  Site Name: Trash Hunters of T	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ne Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): Ray Young  lo./State: Ao 78 79  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
and packaged, and is in proper condition for JACK Kull cul  Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matter the Generator site listed above.  Signature Trash Hunters of T  Site Address: 6035 Bowdre Rd.	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ne Vehicle Certification With my signature delivered without in Signature  NATION	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): Ray Young  lo./State: Ao 78 79  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
and packaged, and is in proper condition for JACK Kull cul  Generator Authorized Agent  Truck No.: RM  Transporter Name: Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matter the Generator site listed above.  Signature Trash Hunters of T  Site Address: 6035 Bowdre Rd.	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIF	PORTER  Transporter Phone Driver Name (print Vehicle License Ne Vehicle Certification With my signature delivered without in Signature  NATION	Shipment Date  No.: (601 ) 429-2200  t): Ray Young  lo./State: Ao 78 79  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:



3781883

***	GENE	RATOR		
ne of Defense Distribution		Waste Generation Location.	SAME	
1ress 2163 Airways Blvd.  Memphis, TN 38114  2ne No (901) 775-0173		Address:		
		ste ID Code No.: TUN-980700	2	7 Hone (40 ()
ecial Handling Instructions and Additional	I Information:			
1 Kunlers of Tunica, Inc. Permit Number SW-0720010458	Ticket Number		Customer Number	
SPONSIBLE AGENCY. Mississippi Dept.	of Environmental Qualit	v (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	30.49	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other	
nerator Authorized Agent	Signature	h Kallad	Shipment Date	
NM-	Inansi	ORIER		
ck No.	<u> </u>		No.: ( <u>601</u> ) <u>429-2200</u>	
sporter Name. <u>Matthews Trucki</u>	ng	Driver Name (print): JACKIE HEN YOUNT		
ress: 1340 Gwynn Road		Vehicle License No./State: ACTES   MS		
Nesbit, MS 38651		Vehicle Certification	n: MDOT	
my signature, I certify that the above mane Generator site listed above.	iterial was picked up	With my signature, delivered without in	, I certify that the above named material was acident to the destination listed below.	
Jacker Jount	7 <u>22,98</u>	Jackie	Jan Yount 9,2285	
O.	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Name: Trash Hunters of Tu	ınica, İnc.		Phone No.: (601) 363-2282	
Address: 6035 Bowdre Rd. R		38664	Time:	
repancies			Time.	
reby control that the above named materia	al has been second	nd to the host of much	knowledge, the foregoing is true and accurate,	
	Of an a	to the best of my k	crowledge, the foregoing is true and accurate.	
ne (print)	Signature		Receipt Date	
003209	(ANDELL)		TOTAL TO DATE: 2473 (0)	



	GENE	RATOR	, i	
Name of Generator Defense Distribution E	Depot, Memphis	Waste Generation Location	SAME	
Address 2163 Airways Blvd.	2162 Airweye Blad		•	
Memphis, TN 38114				
Phone No (901) 775-0173		Phone No · ()		
Waste ID Code NoTUN-980700				
Special Handling Instructions and Additional	I Information		, , , , , , , , , , , , , , , , , , , ,	
Trush Hunters of Tunica, Inc. Permit Number 8W 0720010459	Ticket Number		Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrın Contamınated Soil	29.06	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature		Shipment Date	
	TRANSF	OHIER		
Truck No: KINY		Transporter Phone	No.: (601) 429-2200	
Transporter Name: <u>Matthews Truck</u>	ing	Driver Name (print): RAY YOU MG		
Address: 1340 Gwynn Road		Vehicle License No./State: A07879		
Nesbit, MS 38651	··	Vehicle Certification: MDOT		
With my signature, I certify that the above ma at the Generator site listed above.	aterial was picked up		e, I certify that the above named material waincident to the destination listed below.	
Ray Your	9,22,98 Pickup Date	Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Trash Hunters of T	unica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd. I		38664	Time:	
screpancies:				
	rial has been accepted a	and te The best of pry	khowledge, the foregoing is true and accoura	
Name (print)	Signature		Receipt Date	
Nº 003208	- LANDFILL YEAR GE	NEJOTOR PINK — TRA	NSPORTER TOTAL TO DATE:	



3781885

	GENE	RATOR			
me of nerator. Defense Distribution Depot, Memphis dress: 2163 Airways Blvd.  Memphis, TN 38114  one No (901) 775-0173		Waste Generation Location	SAME		
		Address:			
					Phone No., (
		iste ID Code NoTUN-9807002			
ecial Handling instructions and Additional In	formation.				
h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number		
SPONSIBLE AGENCY: Mississippi Dept. of					
Waste Description	Actual Quantity	Units	Container Type		
Dieldrin Contaminated Soil	Z <b>4</b> .94	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume.		
nerator Authorized Agent	Signatur TRANSP(	ORTER	Shipment Date		
ck No: HLBZZ		Transporter Disease	No. 7601 1 400 2000		
nsporter Name Matthews Trucking		Transporter Phone No (601 ) 429-2200			
dress: 1340 Gwynn Road			Driver Name (print):		
Nesbit, MS 38651		Vehicle License No./State: A-0 230 /			
h my signature, I certify that the above material was picked up					
he Generator site listed above.	al was picked up	Vehicle Certification With my signature,			
he Generator site listed above.	7,23,98	Vehicle Certification With my signature,	T certify that the above named material was		
he Generator site listed above.	ial was picked up	Vehicle Certification With my signature,	T certify that the above named material was		
he Generator site listed above.	7,23,98	Vehicle Certification With my signature, delivered without in Signature	I certify that the above named material was acident to the destination listed below.		
he Generator site listed above.	Pickup Date  DESTINA	Vehicle Certification With my signature, delivered without in Signature	I certify that the above named material was acident to the destination listed below.  Delivery Date		
Name:Trash Hunters USA O	Pickup Date  DESTINA  f Tunica, Inc.	Vehicle Certification With my signature, delivered without in Signature	I certify that the above named material was acident to the destination listed below.		
Name:Trash Hunters USA O	Pickup Date  DESTINA  f Tunica, Inc.	Vehicle Certification With my signature, delivered without in Signature	I certify that the above named material was acident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282		
Name:Trash Hunters USA O  Address:6035 Bowdre Rd. Rob	Pickup Date  DESTINA  f Tunica, Inc.  pinsonville, MS 3	Vehicle Certification With my signature, delivered without in Signature STION	I certify that the above named material was ecident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:		
Name:	Pickup Date  DESTINA  f Tunica, Inc.  pinsonville, MS 3  as been accepted and	Vehicle Certification With my signature, delivered without in Signature STION	Phone No.: (601) 363-2282  Time:  nowledge, the foregoing is true and accurate/		
Name: Trash Hunters USA O  Address: 6035 Bowdre Rd. Rob  crepancies:  reby certify that the above named material h	Pickup Date  DESTINA  f Tunica, Inc.  pinsonville, MS 3	Vehicle Certification With my signature, delivered without in Signature STION	I certify that the above named material was ecident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:		



3781886

	GENE	RATOR		
Name of Generator Defense Distribution De	pot, Memphis	Waste Generation Location	SAME	
Address. 2163 Airways Blvd.		Address:		
Memphis, TN 38114				
Phone No (901) 775-0173	-	Phone No. (	)	
Waste ID Code No TUN-9807002		·	,	
Special Handling Instructions and Additional In	formation:			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720018459	Ticket Number:		Customer Number:	
RESPONSIBLE AGENCY. Mississippi Dept of I	Environmental Quality	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	26.85	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:	
Generator Authorized Agent	Signature	OPTER	Shipment Date	
Dmy	TRANSF	OHIEN		
	<u></u>	Transporter Phone	No.: (_601)429-2200	
Transporter Name: Matthews Trucking	<u> </u>	Driver Name (print)	E KAY Young	
Address: 1340 Gwynn Road	<del></del>	Vehicle License No./State: A0 7879		
Nesbit, MS 38651		Vehicle Certificatio	n· <u>MDOT</u>	
With my signature, I certify that the above mater at the Generator site listed above.	ial was picked up	With my signature delivered without in	, I certify that the above named material was noident to the destination listed below.	
Kay Your 7	47,24	<del></del>		
Signature 0 / 0	Pickup Date	Signature	Delivery Date	
	DESTIN	ATION		
Site Name: Trash Hunters USA O	of Tunica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd. Rol	· ·		Time:	
Siscrepancies:		. 1	time	
hereby certify that the above named material is	has been englased -	//	knowledge the ferrors to be	
The above figured material i	nes seen accepted a	TO THE DEST OF MY	wiowiedge, the foregoing is true and accurate.	
Name (print)	Signature	Jay J	Receipt Date	
Nº 003146	NOFILL Yellow GEN	ERATOR PINK — TRAN	TOTAL TO DATE: 3/073.95	

3781887

	GENE	RATOR		
me of nerator:Defense Distribution Dep	ot, Memphis	Waste Generation Location	SAME	
dress: 2163 Airways Blvd.		Address		
Memphis, TN 38114				
one No. (901) 775-0173		Phone No.: (		
iste ID Code No. TUN-9807002		, -		
ecial Handling Instructions and Additional Info	rmation:			
h Hunters USA of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Num	ber
SPONSIBLE AGENCY: Mississippi Dept. of En	vironmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	C	ontainer Type
Dieldrın Contamınated Soıl	18.81	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Carton	☑ Truck □ Box □ Other·
nerator Authorized Agent	Signature TRANSP	ORTER		Shipment Date
ck No.: Rm - 7		Transporter Phone	No. ( 601 )	420 2200
nsporter Name: Matthews Trucking		•	<u> </u>	429-2200
ress. 1340 Gwynn Road		Vehicle License No./State: A07881 m5		
Nesbit, MS 38651		Vehicle Certification: MDOT		
h my signature, I certify that the above material he Generator site listed above.	was picked up		I certify that the a	above named material was nation listed below.
naturg Sen Yount 9	23 198 ckup Date	Signature Jan	fount	9 23,98 Delivery Date
. ;	DESTINA	ATION (		
Name. <u>Trash Hunters USA Of</u> Address: 6035 Bowdre Rd. Robin		38664	Phone No.: ( <u>601</u>	363-2282
repancies:				
reby certify that the above named material has	_ /271/	d to the best of my kr	nowledge, the fore	going is true and accurate.
2 003148	Signature			Receipt Date
White — LANDFII	LL WOON GENE	RATOR PINK — TRANS	PORTER TOTAL TO	DATE: 369276



3781888

TOTAL TO DATE: 3717, (2

	GENE	RATOR		
Name of Generator Defense Distribution Depot, Memphis		Waste Generation Location:	SAME	
Address2163 Airways Blvd		Address:		
Memphis, TN 38114				
Phone No (901) 775-0173		Phone No.: ()		
Waste ID Code No. TUN-9807002		,		
Special Handling instructions and Additional				
Trash Hunters USA of Tunica, Inc. Permit Humber: SW-0720010459	Ticket Number.		Customer Number.	
RESPONSIBLE AGENCY Mississippi Dept. o	of Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	24.56	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
and packaged, and is in proper condition for	e as defined by 40 CFR 2 transportation according	261 or any applicable s	state law, has been properly described, classifications.	
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for	e as defined by 40 CFR $^{\prime}$	261 or any applicable s g to applicable regula	state law, has been properly described, classifications.	
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for Generator Authorized Agent	e as defined by 40 CFR 2 transportation according Signature	261 or any applicable s g to applicable regular CORTER	state law, has been properly described, classified ations.    22,98   Shipment Date	
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for Generator Authorized Agent  Truck No.	e as defined by 40 CFR 2 transportation according Signature	261 or any applicable s g to applicable regula  CORTER  Transporter Phone	state law, has been properly described, classifications.    22 98   Shipment Date    No.: (601 ) 429-2200	
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for SACK Kulla Generator Authorized Agent  Truck No. Matthews Trucking 1240 Company Trucking	e as defined by 40 CFR 2 transportation according Signature	PORTER  Transporter Phone Driver Name (print)	Shipment Date  No.: (601 ) 429-2200	
State law or regulation, is not a hazardous waster and packaged, and is in proper condition for Generator Authorized Agent  Truck No. Matthews Trucking Matt	e as defined by 40 CFR 2 transportation according Signature	PORTER  Transporter Phone Driver Name (print)	No.: (601 ) 429-2200  Shipment Date	
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for Generator Authorized Agent  Truck No.  Transporter Name: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matat the Generator site fisted above.	transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certificatio With my signature.	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (701 ) 429-2200  Shipment Date	
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for Generator Authorized Agent  Truck No. Matthews Trucking Address: 1340 Gwynn Road	transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certificatio With my signature.	No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date	
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for SACK Address: Matthews Trucking Address: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matat the Generator site listed above.	transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print) Vehicle License No. Vehicle Certificatio With my signature delivered without in	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (MDOT 423 27)  The Modern of the shown named material wancident to the destination listed below.	
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for SACK Address: Matthews Trucking Address: Matthews Trucking Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above matat the Generator site listed above.	transportation according Signature  TRANSF  TRANSF  TRANSF  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (MDOT 423 27)  The Modern of the shown named material wancident to the destination listed below.	
Site Name:	transportation according Signature  TRANSF  TRANSF  TRANSF  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	No.: (601) 429-2200  No.: (601) 429-2200  No.: MDOT 42327  Incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282	
Site Address:	transportation according Signature  TRANSF  TRANSF  TRANSF  DESTINATION OF Tunica, Inc. Robinsonville, MS	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certificatio With my signature delivered without in Signature	No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT 423-27  In: MDOT 423-27  Incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:	

### 3781889



### USA WASTE SERVICES

GENE	RATOR		
me of nerator: Defense Distribution Depot, Memphis	Waste Generation Location:		
tress 2163 Airways Blvd.	Address.		
Memphis, TN 38114  one No (_901)775-0173  ste ID Code NoTUN-9807002  scial Handling Instructions and Additional Information:			
1 Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ticket Number:			
<del>- "</del>	· · · · · · · · · · · · · · · · · · ·	Customer Number	
SPONSIBLE AGENCY: Mississippi Dept. of Environmental Quality  Waste Description Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
nerator Authorized Agent Signature TRANSP	ODTED	Shipment Date	
Doul	ONIEN		
k No : Kill Y	Transporter Phone		
ress: 1340 Gwynn Road	Driver Name (print	•	
Nesbit, MS 38651	Vehicle License No /State: 607679		
my signature, I certify that the above material was picked up	Vehicle Certificatio		
ne Generator site listed above.	With my signature delivered without is	, I certify that the above named material was noticent to the destination listed below.	
tan you 9,03,98		,	
nature 0 Pickup Date	Signature		
	<b>g</b>	Delivery Date	
DESTIN		Delivery Date	
Name: Trash Hunters USA Of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS	ATION	Phone No.: (601)363-2282	
Name:Trash Hunters USA Of Tunica, Inc. Address:6035 Bowdre Rd. Robinsonville, MS	38664	Phone No.: (601)363-2282	
Name: Trash Hunters USA Of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS	38664	Phone No.: (601)363-2282	



		GENE	RATOR		
Name of Generator:	Defense Distribution De	pot, Memphis	Waste Generation Location.	SAME	
Address	ess. 2163 Airways Blvd.		Address:		
_	Memphis, TN 38114				
Phone No	<u>(901 )</u> 775-0173		Phone No : (		
Waste ID. Co	ode No. TUN-9807002		Phone No.: ()		
	dling Instructions and Additional Ir				
Trash Hunters US/	A of Tunica, Inc. Permit Number: SW-0720010459	Ticket Number		Customer Number	
RESPONSIB	LE AGENCY: Mississippi Dept of	Environmental Quality	v (601) 961-5171		
	Waste Description	Actual Quantity	Units	Container Type	
Dielo	drin Contaminated Soil	27.15	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other	
Generator Au	K Ka I/a/ uthorized Agent	Signature	Kally	Shipment Date	
		TRANSP	ORTER		
Truck No ·	12m-7		Transporter Divers	No. (601 ) 400 0000	
Transporter N	lame: Matthews Trucking		Transporter Phone No.: (601) 429-2200		
	1340 Guyana Bood		Driver Name (print): JACKIE LEN YOUNT		
	Nesbit, MS 38651		Vehicle License No./State: Ho7881 m5  Vehicle Certification: _MDOT		
	ature, I certify that the above mater	ial was nicked up			
at the Genera	ator site listed above.	ia. Was pioned ap	delivered without in	I certify that the above named material was notident to the destination listed below.	
tac	Rie Yount 9	123,98	Sach	90 4 7 9 23.90	
Signatule		Pickup Date	Signatura	Delivery Date	
		DESTIN	ATION		
Site Name: _	Trash Hunters USA O	f Tunica, Inc.		Phone N. (2004)	
Site Address:	000= -	oinsonville, MS	38664	Phone No.: (601) _363-27	
crepancies				Time:	
nereby certif	that the above named material h	nas been accepted an	d to the best of my k	inowledge, the foregoin	
lame (print)		Signature O	M		
<b>N</b> º 003	143	•	RATOR Pink TRANS	SPORTER TOTAL TO DAIL	

3781891

	GENER	RATOR		
me of Defense Distribution Depot, Me	emphis	Waste Generation Location	SAME	
dress. 2163 Airways Blvd. Memphis, TN 38114		<del></del>	O7 WIL	
		7-GU1053		
	<del></del>	Phone No. (	)	
ste ID Code No.: TUN-9807002		1 110110 140.: (		
ecial Handling Instructions and Additional Information.	· <del></del>			
	1.			
			Customer Number	
SPONSIBLE AGENCY: Mississippi Dept of Environmer		(601) 961-5171		
Waste Description Actual Q	luantity	Units	Container Type	
Dieldrin Contaminated	46	☐ Pounds ☑ Tons	☐ Drum ☑ Truck ☐ Carton ☐ Box	
Soil	19	Cu Yd.	☐ Carton ☐ Box ☐ Carton ☐ Carton ☐ Dox ☐	
h my signature, I certify that the above named material of		☐ Cu Ft.	Volume:	
nerafor Authorized Agent Signature	TRANSPO		Shipment Date	
0/1/6-2-2	INANSEC	ZNI EN		
ck No.: 97411 C		Transporter Phone		
nsporter Name: <u>Matthews Trucking</u>	<del></del>	Driver Name (print): 4 L Tite NIDKK NIV		
tress 1340 Gwynn Road	<del></del> -	Vehicle License No./State: 4077		
Nesbit, MS 38651		Vehicle Certification: MDOT 653677		
h my signature, I certify that the above material was pick he Generator site listed above.	•	With my signature delivered without in	, I certify that the above named material was incident to the destination listed below.	
Afficial States Produce Designer Design	20	JA VIII	adrian 9,23,90	
nature Pickup Dat	ite	Signature	Delivery Date	
	DESTINA	TION		
Name: Trash Hunters USA Of Tunica	a. Inc.		Phone No. (601) 262 2202	
Address: 6035 Boyvdre Rd. Robinsonvil		 88664	Phone No.: (601) 363-2282	
repancies/			Time:	
reby certify that the above named material has been ac			showledge, the foregoing is true and ecourate.	
ne (print) Signature	90		1 F58	
003142	•		Receipt Date	
White — LANDFILL	Yellow - GENER	ATOR Pink - TRAN	SPORTER TOTAL TO DATE: 3795.69	



3781892

	GENE	RATOR		
Name of Generator Defense Distribution Depot	, Memphis	Waste Generation Location.	SAME	
Address. 2163 Airways Blvd.				
Memphis, TN 38114				
Phone No. / 901 \ 775-0173		Phone No. (	)	
Waste ID Code No TUN-9807002		/ Horio 110 (		
Special Handling Instructions and Additional Inform	ation.			
Trash Hunters USA of Tunica, Inc. Permit Number SW-0720010459 Ti	cket Number		Customer Alice I	
		· <del></del>	Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept. of Envir Waste Description Ac	tual Quantity	(601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	25.56	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
	TRANSPO	ORTER	Snipment Date	
Truck No. RMY			004	
Franchistor Name Mattheway Trucking			No.: (601 ) 429-2200	
Address: 1340 Gwynn Road		Driver Name (print): Roy Young		
Nesbit, MS 38651		Vehicle License No./State: AD 1579 MS		
Vith my signature, I certify that the above material wa	n sucked	Vehicle Certification: MDOT		
trie Generator site listed above.	23,9P	delivered without in	I certify that the above named material was cident to the destination listed below.	
	up Date	Signature	Delivery Datr	
	DESTINA	TION		
Site Name: Track Hunton LICA Of T				
ite Name: <u>Trash Hunters USA Of Tu</u> ite Address: 6035 Bowdre Rd. Robins	inica, Inc.	20004	Phone No.: (.601.)363-2"	
•••	onvine, MS 3	88664	Time:	
repancies.	+		<del></del>	
nereby certify that the above named material has be	en accepted and	to the best of my kr	nowledge, the foregoin	
		1//-	<u>-</u>	
ame (print) Sign	15n			
Sign (print) Sign Sign Sign Sign Sign Sign Sign Sign	nature 7 2		PORTER TOTAL TO DAIL	



3781893

	GENE	RATOR		
e of	erator Defense Distribution Depot, Memphis		SAME	
ess 2163 Airways Blvd.		-		
Memphis, TN 38114				
ie No (901) 775-0173		Phone No.: (	)	· · · · · · · · · · · · · · · · · · ·
e ID Code No: TUN-980700	)2	\ <u></u>		
ial Handling Instructions and Additiona	I Information:			
unters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number.		Customer Number	
'ONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	/ (601) 961-5171		· · · · · · · · · · · · · · · · · · ·
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil  my signattire, I certify that the above nation or requisition, is not a hazardous wast	2441	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	i
rator Authorized Agent	Signature TRANSP	ORTER	Shipme	ent Date
No RM7		-	201	<del></del>
porter Name: Matthews Truckir	ng	Transporter Phone		
ss 1340 Gwynn Road			): Jackie Len Your	
Nesbit, MS 38651		Vehicle Certification	o./State: <u>A07881 m</u>	
ny signature, i certify that the above mai	terial was picked up			
Generator site listed above		delivered without in	. I certify that the above named mander in the destination listed below.	aterial was
ture factive jound	9,23,48	Lookes;	Len Joant 9 2	3 SX
	Pickup Date	Signature	Delive	ry Date
	DESTINA	ATION		
lame: Trash Hunters of Tu	nica, Inc.		Phone No. (CO1) COO COC	
ddress: 6035 Bowdre Rd. Ro	obinsonville, MS 3	38664	Phone No.: (601)363-228 Time:	32
pancies.			, mile.	· · · · · · · · · · · · · · · · · · ·
by certify that the above named materia	I has been accepted and	to the best of my k	nowledge, the foregoing is true and	acetrate.
(prints)	Signature		Receip	t Date
003214	ANDFILL Yellow — GENER	ATOR PINK — TRANS	TOTAL TO DATE: 345	502



	GENEF	RATOR		
Name of Generator: Defense Distribution I			SAME	
Address. 2163 Airways Blvd.		Address		
Memphis, TN 38114				
Phone No (901) 775-0173		Phone No.: (	)	
Waste ID. Code No . TUN-980700	02			
Special Handling Instructions and Additiona				
Tresh Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number:		Customer Number	
RESPONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	22.20	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum     Truck ☐ Carton ☐ Box ☐ Other:	
Generator Authorized Agent	Signature	,	Shipment Dáte	
	TRANSP	ORTER		
Truck No.:		Transporter Phone	9 No.: ( <u>601</u> ) <u>429-2200</u>	
Transporter Name: Matthews Truck		Driver Name (print): 17 K. BUNDPUNI		
Address: 1340 Gwynn Road		Vehicle License No./State: A 6 2 3 6 7		
Nesbit, MS 38651		Vehicle Certification: MDOT 683677		
With my signature, I certify that the above mat the Generator site listed above	naterial was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.	
Signature June	Pickup Date	Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Trash Hunters of T	Tunica Inc		Phone No. (601) 262 2292	
	COSE Devedes Del Debinson III. NAC		Phone No.: (601) 363-2282	
			Time:	
Discrepancies:			1	
Name (print)	rial has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate	
Nº 003213	Cidilatora		Receipt Date	
	LANDFILL Yellow GEI	WERUTOR Pink TR.	ANSPORTER TOTAL TO DATE: 3467.4	



3781895

	GENE	RATOR	
	rator. Defense Distribution Depot, Memphis		SAME
Memphis, TN 38114		Address:	
ne No (_901 ) 775-0173		<del></del>	
te ID. Code No TUN-980700	)2	Phone No. (	
	Information:		
Henters of Tunics, Inc. Permit Number 8W 0720010459	Tillian		
			Customer Number:
PONSIBLE AGENCY: Mississippi Dept Waste Description			_
TVaste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated	2171	☐ Pounds ☐ ☐ Tons	☐ Drum ☑ Truck ☐ Carton ☐ Box
Soil	26.70	☐ Cu. Yd.	Bag Other:
		☐ Cu. Ft.	Volume.
	TRANSP	ORTER	Shipment Date
R 22 - 7			
(No		Transporter Phone	
sporter Name: <u>Matthews Trucki</u>	ing		): ACKIE YoualT
ess 1340 Gwynn Road		Vehicle License No	0./State: AU7881 m5
Nesbit, MS 38651		Vehicle Certificatio	n: <u>MDOT</u>
my signature, I certify that the above mage Generator site listed above.	aterial was picked up	With my signature	I certify that the above named material was noident to the destination listed below.
Mell III +	9 211 90	la :	recident to the destination listed below.
ature Car	Pickup Date	Signature	Delivery Date
	DESTINA	TION	O DOMENT DATE
<b>-</b>		-	
Name: <u>Trash Hunters of Tu</u>			Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. F	robinsonville, MS	38664	Time:
epancies:			
by certify that the above named materi	al has been accepted an	d to the best of my I	knowledge, the foregoing is true and accurate
e (print)	Signature	w////	1,4,9
003201		0//	Receipt Date
	LANDFILL Yellow GENEI	RATOR PINK — TRAN	SPORTER TOTAL TO DATE: 38 94,50



#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	
Name of	TOTODOS Distribuitas Damas Massachia		SAME
0400 41			
Memphis, TN 38114	· · · · · · · · · · · · · · · · · · ·	A001033	
001 775 0172		Phone No : /	)
Waste ID. Code NoTUN-9807002		F110118 140 (	
Special Handling Instructions and Additional Inform	nation:		
rash Hunters USA of Tunica, Inc. Permit Number: SW-0720010459 Ti	icket Number:		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept. of Envi	_		
	ctual Quantity	Units	Container Type
Dieldrin Contaminated Soil	23.16	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
hith my signature, I certify that the above named material tate law or regulation, is not a hazardous waste as defined packaged, and is in proper condition for transp	ofined by 40 CFR portation according	261 or any applicable s	state law, has been properly described, classifie ations.
tate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transp	ofined by 40 CFR portation according	261 or any applicable s ng to applicable regula	state law, has been properly described, classifie
tate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transposenerator Authorized Agent	ofined by 40 CFR portation according	261 or any applicable sag to applicable regular	state law, has been properly described, classifie ations.  Shipment Date
tate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transpose and a senerator Authorized Agent Significant Signifi	ortation accordured ac	261 or any applicable s ag to applicable regula  PORTER  Transporter Phone	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200
ruck No Rame: Matthews Trucking	ortation accordured ac	PORTER  Transporter Phone Oriver Name (print	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200
tate law or regulation, is not a hazardous waste as de ind packaged, and is in proper condition for transporter Authorized Agent  Signature Name: Matthews Trucking address: 1340 Gwynn Road	ortation accordured ac	PORTER  Transporter Phone  Oriver Name (print	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  AND SAN YOUR STAN SOLUTION STAN STAN STAN STAN STAN STAN STAN STA
tate law or regulation, is not a hazardous waste as de ind packaged, and is in proper condition for transporter Authorized Agent  Signature of the state of the s	ignature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200  Description: MDOT
tate law or regulation, is not a hazardous waste as de ind packaged, and is in proper condition for transporter Authorized Agent  Signature Name: Matthews Trucking address: 1340 Gwynn Road	ignature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  Description: MDOT  On: MDOT  On: Legislation of the content
tate law or regulation, is not a hazardous waste as de ind packaged, and is in proper condition for transporter Authorized Agent  Signature Name: Matthews Trucking address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material waste in the individual of the individu	ignature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601) 429-2200  Description: MDOT
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Agent Signa	ignature TRANSE	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  A 1 429-2200  Do./State: 100 1879 M5  On: MDOT  On: Lortify that the above named material was incident to the destination listed below.
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Authorized Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Agent Signal Franchiscopy (Signal Franchiscopy Condition for transporter Agent Signa	TRANSI	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without i	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  Description: MDOT  On: MDOT  On: Legislation of the content
interest and the regulation, is not a hazardous waste as defined packaged, and is in proper condition for transporter Authorized Agent  Signature  Signature Interest and Inte	ras picked up  Vas picked up  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without i	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Delivery Date
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Fruck No  Fruck No  Matthews Trucking  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above material waste the Generator site listed above.  Fignature  Fignature  Trash Hunters USA Of T	TRANSI  Vas picked up  Vas picked up  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601_) 429-2200  ANDOT  On: MDOT  On: MDOT  On: Lertify that the above named material was incident to the destination listed below.  Delivery Date
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Fruck No	TRANSI  Vas picked up  Vas picked up  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classifie ations.  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Delivery Date
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Fruck No  Fransporter Name: Matthews Trucking  Industrial Matthews Trucking  Industrial Matthews Trucking  Industrial Matthews Matthews  Industrial Matthews Matthews  Industrial Matthews  Indus	TRANSI  TRANSI  Vas picked up  Vas picked up  DESTIN  Unica, Inc.  sonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  Signature	state law, has been properly described, classifie ations.
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Fruck No	TRANSI  TRANSI  Vas picked up  Vas picked up  DESTIN  Unica, Inc.  sonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  Signature	state law, has been properly described, classifie ations.
itate law or regulation, is not a hazardous waste as de and packaged, and is in proper condition for transporter Authorized Agent  Fruck No	TRANSI  TRANSI  Vas picked up  Vas picked up  DESTIN  Unica, Inc.  sonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  Signature	state law, has been properly described, classifie ations.

3781897

	GENE	RATOR	
me of Defense Distribution Depot, Memphis tress 2163 Airways Blvd.		Waste Generation Location. Address	SAME
Memphis, TN 38114			
one No (_901_) 775-0173 iste ID Code NoTUN-9807002		Phone No.: (	
		,	
ecial Handling Instructions and Additional Inf	ormation:		
:h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number.
SPONSIBLE AGENCY Mississippi Dept. of E	nvironmental Quality	v (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.27	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other. Volume:
nerator Authorized Agent	Signatura	ORTER	Shipment Date
ck No. Rm - 7			
nsporter Name <u>Matthews Trucking</u>		Transporter Phone	<u> </u>
dress 1340 Gwynn Road			: JACKIE LEW YOUNT
Nesbit, MS 38651			1/State: A07881 m5
		Vehicle Certification	
h my signature, I certify that the above materia he Generator site listed above.	ıı was picked up	With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.
nature sekie yount 9	24,98 Pickup Date	Signature	Delivery Date
	DESTINA	ATION	
NameTrash Hunters USA Of	Tunica Inc		Discovery (2004)
Address: 6035 Bowdre Rd. Rob		38664	Phone No.: (601) 363-2282
crepancies			Time:
	is been accepted an	d to the best of my ki	nowledge, the foregoing is true and accurate.
ne (print)	way Dil	reffi	5, 24,78
2 00314 <b>9</b>	Signature	80	Receipt Date
Whate — LAND	FILL Yellow — GENE	RATOR Pink — TRANS	PORTER TOTAL TO DATE: 3944.77



	GENEI	RATOR	
Name of Generator Defense Distribution Depot, Memphis  Address 2163 Airways Blvd.  Memphis, TN 38114		<del>-</del>	
, , , , , , , , , , , , , , , , , , , ,		Phone No. (	
Waste ID Code No. TUN-980700 Special Handling Instructions and Additiona			
Trash Husters of Tunica, Inc. Permit Number SW-0720010458	Ticket Number		Customer Number:
RESPONSIBLE AGENCY Mississippi Dept.	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	79.50	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum
Generator Authorized Agent	Signature TRANSI	PORTER	Shipment Date
Truck No. RM-7		Transporter Phone	No.: (601) 429-2200
Transporter Name: Matthews Truck	<u>king</u>		): JACKIE LEN Your
Address 1340 Gwynn Road		Vehicle License No	o./State: <u>A07881 m5</u>
Nesbit, MS 38651		Vehicle Certification: MDOT	
With my signature, I certify that the above mat the Generator site listed above.	naterial was picked up		e, I certify that the above named material was incident to the destination listed below.
Signature Joseph Signature	9 24 198 Pickup Date	Signature	Journal Jay 78 Delivery Date
	DESTI	NOITAN	
Site Name:Trash Hunters of ] Site Address6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282 Time:
I hereby certify that the above named mate	erial has been accepted	and to the best of my	knowledge, the foregoing is true and accurate
			7,24, 8
Name (print) NO 003239	Signature		Receipt Date



3781899

ne of Defense Distribution Depot, Memphis	Waste Generation Location:	SAME
ress 2163 Airways Blvd.	Address.	
Memphis, TN 38114		
ne No (901) 775-0173	Phone No.: (	
ste ID. Code NoTUN-9807002		
icial Handling Instructions and Additional Information.		
: Hunlers of Tunics, Inc. Permit Number SW 0729010459 Ticket Number: _		_ Customer Number
SPONSIBLE AGENCY. Mississippi Dept. of Environmental Quali		
Waste Description Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil 25.63	☐ Pounds ☐ Tons ☐ Cu Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Vitel wallal	all Kal	and God Sk
	AU Kal	Shipment Date
TRANS	PORTER	Shipment Date
transi		Shipment Date  9 No. (601 ) 429-2200
TRANS		e No. ( <u>601</u> ) <u>429-2200</u>
TRANS	Transporter Phone	e No. ( <u>601</u> ) <u>429-2200</u>
TRANS  Sk No RMY  Issporter Name: Matthews Trucking  Iress 1340 Gwynn Road  Nesbit, MS 38651	Transporter Phone	e No. ( <u>601</u> ) <u>429-2200</u> nt): <u>Ray Youry</u> No./State: <u>1707879</u>
TRANS  Sk No RM   RM    Insporter Name: Matthews Trucking  Iress 1340 Gwynn Road  Nesbit, MS 38651  The my signature, I certify that the above material was picked up	Transporter Phone Driver Name (print Vehicle License Note Certification With my signature	e No. ( <u>601</u> ) <u>429-2200</u> nt): <u>Ray Youry</u> No./State: カロラミラタ
TRANS  Sk No RM  Sporter Name: Matthews Trucking  ress 1340 Gwynn Road  Nesbit, MS 38651  Trucking  Nesbit, MS 38651  Trucking  Nesbit, MS 38651  Trucking  Nesbit, MS 38651	Transporter Phone Driver Name (print Vehicle License Note Certification With my signature	e No. (601) 429-2200  nt): Rey Young  No./State: Rey Young  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
TRANS  Sk No RM  Isporter Name: Matthews Trucking  Isporter Name: Matthews	Transporter Phone Driver Name (print Vehicle License Novehicle Certification With my signature delivered without	e No. (601) 429-2200  nt): Rey Young  No./State: 1707879  on: MDOT  e, I certify that the above named material was
Isporter Name: Matthews Trucking  ress 1340 Gwynn Road  Nesbit, MS 38651  rest responsible to the second state of the second sec	Transporter Phone Driver Name (print Vehicle License Note Certification With my signature delivered without	e No. (601) 429-2200  nt): Rey Young  No./State: 107879  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
TRANS  Isk No RM  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  In my signature, I certify that the above material was picked up  In Generator site listed above.  Pickup Date  DESTINAME. Trash Hunters of Tunica, Inc.	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature	e No. (601) 429-2200  nt): Rey Young  No./State: 107879  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
TRANSICK No Record Record Record Resporter Name: Matthews Trucking Responsibilities Respons	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature	e No. (601) 429-2200  nt): Rey Youry No./State: 100 18 79  on: MDOT  e, I certify that the above named material was incident to the destination listed below.
TRANS  Isk No RM  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  In my signature, I certify that the above material was picked up  In Generator site listed above.  Pickup Date  DESTIF  Name: Trash Hunters of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS  Ispancies: Matthews Trucking  Indicate the property of the pr	Transporter Phone Driver Name (print Vehicle License Novehicle Certification With my signature delivered without Signature NATION	e No. (601) 429-2200  nt): Ray Young  No./State: Ray 9  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
TRANS  Isk No RM  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  Isporter Name: Matthews Trucking  In my signature, I certify that the above material was picked up  In Generator site listed above.  Pickup Date  DESTIF  Name: Trash Hunters of Tunica, Inc.  Address: 6035 Bowdre Rd. Robinsonville, MS  Ispancies: Matthews Trucking  Indicate the property of the pr	Transporter Phone Driver Name (print Vehicle License Novehicle Certification With my signature delivered without Signature NATION	e No. (601) 429-2200  nt): Ray Young  No./State: Ray 9  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:
TRANSITION OF THE TRANSITION O	Transporter Phone Driver Name (print Vehicle License Novehicle Certification With my signature delivered without Signature NATION	e No. (601) 429-2200  nt): Ray Young  No./State: Ray 9  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:



	GENE	RATOR		
Name of Generator: Defense Distribution De	enerator: Defense Distribution Depot, Memphis		SAME	
Memphis, TN 38114				
Phone No (901) 775-0173		Phone No : (	_)	
TUN 0007002		rnone No.: ()		
Waste ID. Code No. 10N-9807002 Special Handling Instructions and Additional Ir				
Special Flatiding Instructions and Additional II				
Treat Hunters of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number	
RESPONSIBLE AGENCY. Mississippi Dept. of	Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	28.23	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:	
Generator Authorized Agent	Signature	PORTER	∠Shipment Date	
•		Transporter Phone		
Transporter Name Matthews Truckin	<u>g</u>	Driver Name (print): JACKIE YOUN!		
Address 1340 Gwynn Road		Vehicle License No./State:		
Nesbit, MS 38651		Vehicle Certification: MDOT		
With my signature, I certify that the above mate at the Generator site listed above.	erial was picked up		e, I certify that the above named material was incident to the destination listed below.	
at the Generator site listed above.	0-90	delivered willout	$\sim 11 - 40$	
Signature Signature	Pickup Date	Signature	Delivery Date	
<u> </u>	DESTI	NATION		
Site Name: Trash Hunters of Tu	nica Inc		Phone No. / 601 \ 262 2292	
6025 Powdro Pd P		38664	Phone No.: ( <u>601</u> ) <u>363-2282</u>	
and Address.		1.	Time:	
iscrepancies.				
I hereby carrier matthe above named materia	i has been accepted	and to the best of my	knowledge, the foregoing is true and accurate	
Name (print)	Signature		Receipt Date	
Nº 003219		7	TOTAL TO DATE: 40 76 13	



3781901

	GENE	RATOR		
ne of nerator. Defense Distribution	rator. Defense Distribution Depot, Memphis		SAME	
Iress 2163 Airways Blvd.				
Memphis, TN 38114				
ne No. ( <u>901</u> ) <u>775-0173</u>		Phone No.: (	)	
ste ID Code No TUN-980700	)2	•		
cial Handling Instructions and Additiona	I Information			
Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number		Customer Number	
3PONSIBLE AGENCY Mississippi Dept.	of Environmental Quality	v (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	29.77	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:	
	TRANSP	ORTER	Shipment Date	
* No. 21-1/2 22		Transporter Phone	AND 420 2200	
sporter Name: Matthews Trucki			4,5	
ress 1340 Gwynn Road		Vehicle License No./State: ####################################		
Nesbit, MS 38651		Vehicle Certification: MDOT 68 76 77		
my signature, i certify that the above ma	iterial was picked up		e, I certify that the above named material was	
ne Generator site listed above.	_	delivered without i	incident to the destination listed below.	
nature	Pickup Date	Signature	Delivery Date	
	DESTINA	ATION		
NameTrash Hunters of Tu	inica, Inc.	-	Phone No.: (601) 363-2282	
Address: 6035 Bowdre Rd. R	lobinsonville, MS :	38664	Time:	
repancies		<b>₹</b>	11110.	
reby certify that the above named materia	al has been accepted an	d to Are best of my	knowledge, the foregoing is true and accurate,	
_ // )				
003218	Signature		Receipt Date	
	LANDFILL Yellow - GENE	RATOR Pink TRAN	INSPORTER TOTAL TO DATE: 40 67 96	



### NON-HAZARDOUS WASTE MANIFEST

3781902

	GENE	RATOR	
Name of Generator Defense Distribution De	epot, Memphis	Waste Generation Location.	SAME
Address 2163 Airways Blvd.			
Memphis, TN 38114		Address	
		Phone No. /	)
Waste ID Code NoTUN-9807002		F110118 140 (	
Special Handling Instructions and Additional I			
	mornanon.		
Trash Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number		Customer Number
RESPONSIBLE AGENCY. Mississippi Dept. of	Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
	- 2 10	☐ Pounds	☐ Drum
Dieldrin Contaminated	26.68	☑ Tons ☐ Cu. Yd.	☐ Carton ☐ Box ☐ Dther:
Soil		Cu. Ft.	☐ Bag ☐ Other:
and packaged, and is in proper condition for the same of the same			
and packaged, and is in proper condition for the same of the same	transportation accordin	g to applicable, regula	lations.
and packaged, and is in proper condition for the second state of the second sec	transportation according	g to applicable regula	Shipment Date
and packaged, and is in proper condition for the second state of the second sec	Signature TRANSE	PORTER Transporter Phone	Shipment Date  9 No.: (601.) 429-2200
Generator Authorized Agent  Truck No:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print	Shipment Date  Shipment Date  No.: (601_) 429-2200  It)
Generator Authorized Agent  Truck No:	Signature TRANSE	PORTER  Transporter Phone Driver Name (print	Shipment Date  Shipment Date  P No.: (601.) 429-2200  Att. Att. Att. Att. Att. Att. Att. Att
Generator Authorized Agent  Truck No:	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  P No.: (601_) 429-2200  It).
Generator Authorized Agent  Truck No:	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  P No.: (601_) 429-2200  It).
Generator Authorized Agent  Truck No:	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature	Shipment Date  Shipment Date  P. No.: (601_) 429-2200  P. J. J. J. J. J. J. J. J. J. J. J. J. J.
Generator Authorized Agent  Truck No:	Signature TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601.) 429-2200  It). 429-2200
Generator Authorized Agent  Truck No:	TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certificatio With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  No./State: 4 7-307  No./State: 4 7-307  No.: MDOT 68 36 77  No.: I certify that the above named material was incident to the destination listed below.  Delivery Date
Generator Authorized Agent  Truck No:	TRANSF  TRANSF  TRANSF  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  No./State: 4 7 36 7  No./State: 4 7 36 7  No.: MDOT 48 36 7 7  No.: I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
Generator Authorized Agent  Truck No:	TRANSF  TRANSF  TRANSF  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  It).
Generator Authorized Agent  Truck No:	TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  It)
and packaged, and is in proper condition for the Condition for the	TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  It)
Generator Authorized Agent  Truck No:	TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without in Signature	Shipment Date  Shipment Date  No.: (601_) 429-2200  It).



3781903

	GENE	RATOR	
ne of erator Defense Distribution I 2163 Airways Blvd.	erator Defense Distribution Depot, Memphis		SAME
Memphis, TN 38114			
ne No (_901_)_775-0173		Phone No : (	
te ID Code No. TUN-980700			
cial Handling Instructions and Additional	I Information		
Hunters of Tunica, Inc. Perint Number SW-0720010459	Ticket Number		Customer Number.
PONSIBLE AGENCY: Mississippi Dept Waste Description			Container Type
Dieldrın Contaminated Soil	25.4	☐ Pounds ☐ Tons ☐ Cu Yd ☐ Cu Ft.	☐ Drum      Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:
erator Authorized Agent	Signature	ORTER	Shipment Date
k No :sporter Name: <u>Matthews Trucki</u>	n.a	•	No.: (601) 429-2200
ress 1340 Gwynn Road	ng	Driver Name (print	~ / ^ ^ ^ 6.
Nesbit, MS 38651			o./State: <u>M.かょみ 0 188 1</u> in: <u>MDOT - 490 2 7 7</u>
my signature, I certify that the above ma e Generator site listed above.	terial was picked up	With my signature	, I certify that the above named material was neident to the destination listed below.
ature	Pickup Date	Signature	Delivery Date
	DESTINA	ATION	
Name: <u>Trash Hunters of Tu</u> Address: <u>6035 Bowdre Rd.</u> R		29664	Phone No.: (601) 363-2282
· · · · · · · · · · · · · · · · · · ·	iodinaonville, M2	30004	Time:
ehy certify that the stone games made			~7
out the introduction material	ai nas been accepted an	d to the best of my	knowledge, the foregoing is true and accurate.
e (print)	Signature		Receipt Date
003215	LANDFILL Yellow — GENE	RATOR PINK - TRAN	TOTAL TO DATE / 1/1/1 12



3781904

		GENE	RATOR		•
Name of Generator:	Defense Distribution (	Depot, Memphis	Waste Generation Location	SAME	
Address	2163 Airways Blvd.		Address		
	Memphis, TN 38114	_	,	•	
Phone No:	Phone No.: (901) 775-0173  Waste ID Code No TUN-9807002		Phone No : (	1	
			1 110116 140. ( <u> </u>		
	ndling Instructions and Additiona		<u>.</u>	<del></del>	
Track Hunters of T	unica, Inc. Permit Number 8W-9720010459	Ticket Number		Customer Nur	mber
RESPONSIE	BLE AGENCY: Mississippi Dept	of Environmental Quality	v (601) 961-5171		
	Waste Description	Actual Quantity	Units		Container Type
Diel	drin Contaminated Soil	24.62	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum☐ Carton☐ Bag Volume:	☐ Box ☐ Other:
Generator A	Authorized Agent	Signature	NOTER	······································	Shipment Date
	11/100	INANSP	ONIER	<del></del>	<del></del>
Truck No.:	79/1		Transporter Phone	No.: (601_)	429-2200
Transporter	Name <u>Matthews Truck</u>	ing	Driver Name (print): 1/4 /// /// //////////////////////////		
Address:	1340 Gwynn Road	- / · · · · · · · · · · · · · · · · · ·	Vehicle License No./State: 7.307		
_	Nesbit, MS 38651		Vehicle Certification	on: MDOT	53677
at the Gene	nature, I certify that the above materials listed above.	aterial was picked up	With my signature	e, I certify that the	e above named material was stination listed below.
Signature	July Drum	Pickup Date	Signature !	u. Lu n.	Delivery Date
		DESTIN	IATION		
Site Name:	Trash Hunters of T	unica, Inc.		Phone No.: <u>( 6</u>	01) 363-2282
Site Addres	s: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:	
screpanci	es:		_		
	rtify that the above named mate	rial has been accepted a	ind to the best of my	knowledge, the fo	pregoing is true and accusate
	165	1 1	Tall		9 75,4
Name (print		Signature			Receipt Date
Nº 00	3244		<i>(                                    </i>		1112/1



3781905

	GENE	RATOR	
ne of Defense Distribution D	Depot, Memphis	Waste Generation Location	SAME
tress2163 Airways Blvd. Memphis, TN 38114 one No901775-0173 ste ID Code NoTUN-9807002		Address:	
		Phone No (	
		•	
ecial Handling Instructions and Additional	Information		
1 Hunters of Yunics, Inc. Permit Number SW-0720010459	Ticket Number:		Curtomer Number
			Customer Number
SPONSIBLE AGENCY: Mississippi Dept of Waste Description	Actual Quantity	(601) 961-5171 Units	Container Type
Dieldrin Contaminated Soil	26.29	☐ Pounds ☑ Tons ☐ Cu Yd ☐ Cu Ft.	☐ Drum     Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:
nerator Authorized Agent	Signature	ORTER	Shipment Date
ok No. RAY		T	N. (601 ) 420 2200
nsporter Name Matthews Trucking	na	Transporter Phone	10 . (/
ress 1340 Gwynn Road	<u> </u>	Driver Name (print): AY Young	
Nesbit, MS 38651		Vehicle License No./State: (30) 3 79  Vehicle Certification: MDOT	
h my signature, I certify that the above mat he Generator site listed above.	terial was picked up	With my signature	, I certify that the above named material was notident to the destination listed below.
fallow /	9,25,98		
nature /	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name. Trash Hunters of Tu Address: 6035 Bowdre Rd. R		38664	Phone No.: (601) 363-2282
crepancies.			Time:
	al has been accepted an	nd to the best of my	knowledge, the foregoing is true and accurate.
ne (print)	Signature	my	Receipt Date
2 003216	AND THE	W	TOTAL TO DATE: 41/1 / O4



### NON-HAZARDOUS WASTE MANIFEST

	GENEF	ATOR	
Name of Generator.  Address  Defense Distribut  2163 Airways Bi  Memphis, TN 38		Waste Generation Location Address	SAME
Phone No. (901) 775-0173  Waste ID. Code No: TUN-980  Special Handling Instructions and Add	07002	·	
Tresh Hunters of Tunica, Inc. Permit Number 8W 072001045	9 Ticket Number:		Customer Number.
RESPONSIBLE AGENCY: Mississippi Waste Description	Dept. of Environmental Quality  Actual Quantity	(601) 961-5171 <b>Units</b>	Container Type
Dieldrın Contamınated Soıl	24.44	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum      Truck ☐ Carton ☐ Box ☐ Bag ☐ Other
Generator Authorized Agent	Signature	ORTER	Shipment Date
Truck No.:	Trucking d	Transporter Phone Driver Name (print Vehicle License Note Note to Certification	it): 10/3/10/20/20/20/20/State: 10/3/20/20/20/20/20/20/20/20/20/20/20/20/20/
With my signature, I certify that the all at the Generator site listed above.  Signature	bove material was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.  Delivery Date
	DESTIN	IATION	
	s of Tunica, Inc. Rd. Robinsonville, MS	38664	Phone No.: (601) 363-2282 Time:
Name (print)  Nº 003243	Signature  Whee — LANOFILL Yellow — GEI		Receipt Date  TOTAL TO DATE: 4 55 , 44



3781907

	GENE	RATOR		
ne of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME	
tress 2163 Airways Blvd.	ss2163 Airways Blvd			
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u> ste ID Code No. TUN-9807002		Phone No.: (		
		,·		
ecial Handling Instructions and Additiona	al Information.			
3 Hunters of Tunics, Inc. Permit Number SW 0720010459	Ticket Number			
			Customer Number	
SPONSIBLE AGENCY. Mississippi Dept.  Waste Description	Actual Quantity	(601) 961-5171 Units	Contail	пет Туре
Dieldrın Contaminated Soıl	29.00	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu Ft.	☐ Drum	her:
nerator Authorized Agent	Signature TRANSP	ORTER		Shipment Date
ck No PM4			004	
nsporter Name: Matthews Trucki	ina	Transporter Phone	-	-2200
ress 1340 Gwynn Road	ing	Driver Name (print	, <u>, , , , , , , , , , , , , , , , , , </u>	1 KAYYOUNG
Nesbit, MS 38651	<u></u>	Vehicle License No./State: ASS 79  Vehicle Certification: MDOT		
n my signature, I certify that the above mane Generator site listed above.	aterial was picked up	With my signature,	, I certify that the above noident to the destination	named material was listed below.
nature / J	Pickup Date	Signature		Delivery Date
	DESTIN	ATION		
Name: Trash Hunters of Tu			Phone No.: (.601)	363-2282
Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Time:	
crepancies.		<u> </u>		
reby certify that the above named materi		d to the best of my k	cnowledge, the foregoing	is true and accurate
003242	Signature	///		Receipt Date
	LANDFILL Yellow — GENE	RATOR Pink TRAN	SPORTER TOTAL TO DATE	:4714 54



### NON-HAZARDOUS WASTE MANIFEST

	GENER	RATOR	<u> </u>
Name of Generator: Defense Distribution De	epot. Memphis	Waste Generation Location:	SAME
2162 Aircrass Blad			
Memphis, TN 38114		Address.	
Phone No (901) 775-0173			
		Phone No.' (	
Waste ID. Code No TUN-9807002  Special Handling Instructions and Additional I			
Trash Kunters of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY: Mississippi Dept. of	f Environmental Quality	(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	27.12	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum
th my signature, I certify that the above name state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of the st	as defined by 40 CFR 2 transportation according	261 or any applicable s	state law, has been properly described, classifier ations.
state law or regulation, is not a hazardous waste	as defined by 40 CFR 2	261 or any applicable s g to applicable regula M / Alla	state law, has been properly described, classifie
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	as defined by 40 CFR 2 transportation according Signature	261 or any applicable s g to applicable regula M / Alla PORTER	state law, has been properly described, classifier ations.  Shipment Date
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	as defined by 40 CFR 2 transportation according Signature	261 or any applicable sign to applicable regular ap	state law, has been properly described, classifier ations.  Shipment Date  No.: (601) 429-2200
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	as defined by 40 CFR 2 transportation according Signature	261 or any applicable sign to applicable regular ap	state law, has been properly described, classifier ations.  Shipment Date  No.: (601 ) 429-2200
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	as defined by 40 CFR 2 transportation according Signature	PORTER  Transporter Phone Driver Name (print Vehicle License No.	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  1): // /////////////////////////////////
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	sas defined by 40 CFR 2 transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  It): // /////////////////////////////////
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): // /////////////////////////////////
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the following of the following	sas defined by 40 CFR 2 transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No With my signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): // /////////////////////////////////
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	TRANSF  Terial was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): // /////////////////////////////////
State law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): // /////////////////////////////////
state law or regulation, is not a hazardous waste and packaged, and is in proper condition for the state of t	Signature  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classified ations.  Shipment Date  No.: (601 ) 429-2200  t): // /////////////////////////////////
Site Name: Trash Hunters of Tu	Signature  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classifie ations.
Site Name:	Signature  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature delivered without in Signature  1ATION	state law, has been properly described, classifie ations.
Site Name:  Site Address:  Site Addr	Signature  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License New Vehicle Certification With my signature delivered without in Signature  1ATION	state law, has been properly described, classifie ations.



	GENE	RATOR	
tress 2163 Airways Blvd.	erator Defense Distribution Depot, Memphis ess 2163 Airways Blvd.		SAME
Memphis, TN 38114 ne No901775-0173 ste ID_Code NoTUN-9807002		Phone No . (	)
cial Handling Instructions and Additiona	il Information		
1 Hunters of Tanics, Inc. Pertuit Number 8W-0720010459	Ticket Number:		Customer Number:
SPONSIBLE AGENCY: Mississippi Dept.  Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 <b>Units</b>	Container Type
Dieldrın Contaminated Soil	23.64	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
erator Authorized Agent	Signature	COPTER	Shipment Date
k No.:	/ MANOP	Transporter Phone	No.: (_601) 429-2200
sporter Name: Matthews Truck		Driver Name (print)	<u> </u>
ress. 1340 Gwynn Road		Vehicle License No	W- 0 (1)
Nesbit, MS 38651			n: MDOT 490277
my signature, I certify that the above ma	aterial was picked up	Vehicle Certification With my signature,	n: MDOT 49000000000000000000000000000000000000
my signature, I certify that the above made Generator site listed above.	aterial was picked up	Vehicle Certification With my signature,	, I certify that the above named material w
rmy signature, I certify that the above made Generator site listed above.		Vehicle Certification With my signature, delivered without in	, I certify that the above named material was neident to the destination listed below.
n my signature, I certify that the above made Generator site listed above.  Name:Trash_Hunters_of_Tra	Pickup Date  DESTIN	Vehicle Certification With my signature, delivered without in Signature  ATION	Phone No.: (601) 363-2282
nmy signature, I certify that the above made Generator site listed above.  Name:Trash_Hunters_of_Teachers:6035_Bowdre_RdF	Pickup Date  DESTIN	Vehicle Certification With my signature, delivered without in Signature  ATION	I certify that the above named material was necident to the destination listed below.
n my signature, I certify that the above made Generator site listed above.  Name:	Pickup Date  DESTIN  unica, Inc.  Robinsonville, MS	Vehicle Certification With my signature, delivered without in Signature  ATION  38664	Phone No.: (601) 363-2282
n my signature, I certify that the above made Generator site listed above.  Name:	Pickup Date  DESTIN  unica, Inc.  Robinsonville, MS	Vehicle Certification With my signature, delivered without in Signature  ATION  38664	Phone No.: (601) 363-2282  Time:



#### NON-HAZARDOUS WASTE MANIFEST

	GENEF	ATOR	
Name of Generator: Defense Distribution [ Address 2163 Airways Blvd.		Waste Generation Location:	SAME
Memphis, TN 38114		Address	
Phone No (901) 775-0173		Phone No : (	
Waste ID Code No TUN-980700		7 HOHE 140 (	
Special Handling Instructions and Additional			
Treath Hunters of Tunice, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept.			
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	24.38	☐ Pounds ဩ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other
Generator Authorized Agent	Signature	ORTER	Shipment Date
Truck No. RMY			601 400 0000
Truck No.:	vina	Transporter Phone	7.1 (2
Address: 1340 Gwynn Road	ang	Driver Name (print	26.70
Nesbit, MS 38651		Vehicle Certification	
With my signature, I certify that the above mat the Generator site listed above.	naterial was picked up	With my signature	e, I certify that the above named material was incident to the destination listed below.
Signature / Signature	Pickup Date	Signature	Delivery Date
	DESTIN	IATION	
Site Name: Trash Hunters of 3 Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282 Time:
I hereby certify that the above named mater	orial has been accepted a	and to the best of my	knowledge, the foregoing is true and accurate
	orial has been accepted a	and to the best of my	knowledge, the feregoing is true and accurate Receipt Date



3781911

	GENE	RATOR		
ne of Defense Distribution	rator Defense Distribution Depot, Memphis		SAME	
ress. 2163 Airways Blvd.				
Memphis, TN 38114			, 10, 100	
ste ID Code No.:TUN-9807002		Phone No.: (	)	
		• "		
icial Handling Instructions and Additiona	Information:			
1 Hunters of Tunics, Inc. Perant Number SW 0720010459	Ticket Number:		Customer Numbe	or
3PONSIBLE AGENCY: Mississippi Dept. Waste Description	of Environmental Quality  Actual Quantity	/ (601) 961-5171 Units		ntainer Type
Dieldrin Contaminated Soil	23.49	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum	Truck Box Other
nerator Authorized Agent	Signature TRANSP	ORTER		Shipment Date
:k No 9/1/1/22			No: (601 ) 4	29-2200
sporter Name: Matthews Truck		,	<i>i</i> , i	
iress: 1340 Gwynn Road		Vehicle License No./State: 4 7 7 0 7		
Nesbit, MS 38651			n MDOT	
n my signature, I certify that the above mane Generator site listed above.	aterial was picked up	With my signature		ove named material was
nature!	Pickup Date	Signature	- Ap	7 126,98
				Delivery Date
	DESTIN	ATION	<u></u>	
NameTrash Hunters of Tu			Phone No.: (601)	363-2282
Address: 6035 Bowdre Rd. F	Robinsonville, MS	<u> 38664                                    </u>	Time:	
crepancies:				
reby certify that the above named materi	al has been accepted ar	the best of my	knowledge, the forego	oing is true and accurate.
777	19 mg			92698
ne (éyvek)	Signature			Receipt Date
2 003204	· ·		TOTAL TO	DATE: 4212 17



### NON-HAZARDOUS WASTE MANIFEST

		GENER	RATOR	
lame of De	efense Distribution D	Pepot, Memphis	Waste Generation Location.	SAME
21	63 Airways Blvd.			
	emphis, TN 38114	· · · · · · · · · · · · · · · · · · ·	7400000	
	01 ) 775-0173		Phone No : (	
	No. TUN-980700	•	1110110110	
rash Hunters of Tunica, Inc	c. Permil Number SW 0729010459	Ticket Number:		Customer Number
RESPONSIBLE A	GENCY: Mississippi Dept.	of Environmental Qualit	y (601) 361-5171	
Wast	te Description	Actual Quantity	Units	Container Type
Dieldrin	Contaminated Soil	28.20	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other. Volume:
state law or regula and packaged, a	ation, is not a hazardous was	te as defined by 40 CFR are transportation according	261 or any applicable s	state law, has been properly described, classifations.
state law or regula and packaged, a	ation, is not a hazardous was	te as defined by 40 CFR :	261 or any applicable s ig to applicable regula	state law, has been properly described, classifi
state law or regula and packaged, a THC & Generator Author	ation, is not a hazardous was	te as defined by 40 CFR of transportation according Signature	261 or any applicable sign to applicable regularized August August August PORTER	state law, has been properly described, classifications.  Shipment Date
state law or regular and packaged, a second packaged, a second packaged, a second packaged, a second packaged p	ation, is not a hazardous was and is in proper condition for rized Agent	te as defined by 40 CFR of transportation according Signature	261 or any applicable s ig to applicable regula  PORTER  Transporter Phone	state law, has been properly described, classifiations.  Shipment Date  No.: (601) 429-2200
frack No.	ation, is not a hazardous was and is in proper condition for rized Agent  Re. Matthews Truck	te as defined by 40 CFR or transportation according Signature	261 or any applicable s ig to applicable regula  PORTER  Transporter Phone  Driver Name (print	Shipment Date  No.: (601) 429-2200
itate law or regular and packaged, a senerator Author Generator Author Iransporter Name Address:134	ation, is not a hazardous was and is in proper condition for rized Agent	te as defined by 40 CFR or transportation according Signature	PORTER  Transporter Phone Driver Name (print Vehicle License N	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  th: RCKR YOUNT
State law or regular and packaged, a state law or regular and packaged, a state of the state of	ation, is not a hazardous was and is in proper condition for rized Agent  Re. Matthews Truck 40 Gwynn Road	te as defined by 40 CFR or transportation according Signature  TRANSI	PORTER  Transporter Phone Driver Name (print Vehicle License N With my signature	Shipment Date  No.: (601 ) 429-2200  t): ACK E YOUNG  lo./State: A0188   MS  on: MDOT  e, 1 certify that the above named material vincident to the destination listed below.
fruck No.  Fruck No.  Fruck No.  Fransporter Nam  Address: 134  With my signaturat the Generator	rized Agent  Matthews Truck 40 Gwynn Road sbit, MS 38651  re, I certify that the above m	te as defined by 40 CFR or transportation according Signature  TRANSI	PORTER  Transporter Phone Driver Name (print Vehicle License N With my signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  th: ACK & You William State: ACT & You William Stat
fruck No.  Fruck No.  Fruck No.  Fransporter Nam  Address: 134  With my signaturat the Generator	rized Agent  Matthews Truck 40 Gwynn Road sbit, MS 38651  re, I certify that the above m	sing  aterial was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print) Vehicle License N Vehicle Certification With my signature delivered without	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  th: RCKR YOUNT  lo./State: ROTER (MDOT)  e, I certify that the above named material incident to the destination listed below.
Fruck No.  Fruck No.  Fruck No.  Fransporter Name  Address:  Nes  With my signature  Signature	rized Agent  Matthews Truck 40 Gwynn Road sbit, MS 38651  re, I certify that the above m	signature  TRANSI  aterial was picked up  Pickup Date  DESTI	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  th: RCKR YOUNT  lo./State: ROTER I M. 5  on: MDOT  e, I certify that the above named material wincident to the destination listed below.
Fruck No.  Fruck No.  Fruck No.  Fransporter Name  Address:134	ation, is not a hazardous was and is in proper condition for rized Agent  Trized Agent  Matthews Truck  40 Gwynn Road  sbit, MS 38651  Tre, I certify that the above me site listed above.	Signature  TRANSI  ing  aterial was picked up  Pickup Date  DESTII	PORTER  Transporter Phone Driver Name (printive Vehicle License Note Vehicle Certification With my signature delivered without Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  t): RCK, C You William State: A01881 Mg Sandard Material Vincident to the destination listed below.  Delivery Date
State law or regular and packaged, a state law or regular and packaged, a state of the state of	ation, is not a hazardous was and is in proper condition for rized Agent  Trash Hunters of T	Signature  TRANSI  ing  aterial was picked up  Pickup Date  DESTII	PORTER  Transporter Phone Driver Name (printive Vehicle License Note Vehicle Certification With my signature delivered without Signature	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): \( \text{PCK} \text{PODD} \)  Solo/State: \( \text{PODD} \)  Solo   MDOT    Solo   Certify that the above named material valued incident to the destination listed below.  Delivery Date
Generator Author  Generator Author  Generator Author  Generator Author  Generator Author  Address:	rized Agent  Matthews Truck  Mostly Matthews Truck  Gwynn Road  Sbit, MS 38651  Te, I certify that the above me site listed above.  Trash Hunters of T  6035 Bowdre Rd.	signature  TRANSI  TRANSI  ing  aterial was picked up  Pickup Date  DESTIL	PORTER  Transporter Phone Driver Name (print Vehicle License N Vehicle Certification With my signature delivered without Signature NATION	Shipment Date  Shipment Date  No.: (601 ) 429-2200  t): \( \text{PCK} \text{PODD} \)  Solo/State: \( \text{PODD} \)  Solo   MDOT    Solo   Certify that the above named material valued incident to the destination listed below.  Delivery Date



3781913

•	GENE	RATOR	
ne of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME
ress 2163 Airways Blvd.	2162 A		
Memphis, TN 38114			
ne No. ( <u>901</u> ) <u>775-0173</u>		Phone No · (	)
ite ID. Code No TUN-98070	02	,	
cial Handling Instructions and Addition	al Information.		
Kunters of Tunics, Inc. Permst Number 8W 0720010459	Ticket Number:		Customer Number.
PONSIBLE AGENCY Mississippi Dept	of Environmental Qualit	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	26.89	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum      Truck ☐ Carton ☐ Box ☐ Bag ☐ Other
	TRANSP	ORTER	Shipment Date
KNO. RINY			
sporter Name: <u>Matthews Truck</u>	ring	,	No.: ( <u>601</u> ) <u>429-2200</u>
ess: <u>1340 Gwynn Road</u>	ang	Driver Name (print	,
Nesbit, MS 38651			o./State: 707879
my signature, I certify that the above m		Vehicle Certificatio	
Generator site listed above.	atenal was picked up	delivered without in	<ul> <li>I certify that the above named material was incident to the destination listed below.</li> </ul>
Day You	7,29,98		
ature ///	Pickup Date	Signature	Delivery Date
	DESTIN	ATION	
Name: Trash Hunters of T	unica Inc		
Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282
epancies:			Time:
•	ual has heen accepted 4	ed to the bardet and	
The adove named make	Tal rias been accepted an	a to the best of my	knowledge, the foregoing is true and accurate
e (print)	Signature		Receipt Date
003206	- LANOFILL Yellow — GENE	FATOR PINK — TRAN	TOTAL TO DATE 43/2 2/
		//	·-· -···-· 1



#### NON-HAZARDOUS WASTE MANIFEST

3721911

	GENER	RATOR	
		Waste Generation Location: Address.	SAME
Memphis, TN 38114			
Phone No . ( <u>901</u> ) <u>775-0173</u>		Phone No. (	)
Waste ID Code No. TUN-980700	2		
Special Handling instructions and Additional	Information.		
Treath Humbers of Tunica, Inc. Permit Number 8W 0720010459	Ticket Number:		Customer Number:
RESPONSIBLE AGENCY Mississippi Dept.		(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	27.57	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume
Generator Authorized Agent	Signature	eh Kalla	Shipment Date
	TRANSP	ORTER	
Truck No.: RM —	1	Transporter Phone	No: (601) 429-2200
Transporter Name. Matthews Trucki	ng	·	: JACKIE YOUNT
Address: 1340 Gwynn Road			o./State: R07881 m5
Nesbit, MS 38651		Vehicle Certificatio	
With my signature, I certify that the above me at the Generator site listed above.  Signature	9 129 98 Pickup Date	delivered without in Signature	, I certify that the above named material wancident to the destination listed below.  Journ 9,39,9  Delivery Date
at the Generator site listed above.	9,29,98	delivered without in Signature	yound 9,29,9
Signature  Site Name:Trash Hunters of Touristie Address:6035 Bowdre Rd. F	Pickup Date  DESTIN  unica, Inc.  Robinsonville, MS	Signature	yound 9,29,9
Signature  Trash Hunters of Touristies Address: 6035 Bowdre Rd. Fuscrepancies:	Pickup Date  DESTIN  unica, Inc.  Robinsonville, MS	Signature  IATION  38664	Phone No.: (601) 363-2282  Time:
Signature  Trash Hunters of Till Site Address: 6035 Bowdre Rd. Filtscrepancies:	Pickup Date  DESTIN  unica, Inc.  Robinsonville, MS	Signature  IATION  38664	Phone No.: (601) 363-2282

Nº 003207

TOTAL TO DATE: 4395.83



3781915

	GENE	RATOR			
ne of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME		
ress 2163 Airways Blvd.			Address.		
Memphis, TN 38114		<del></del>			
ne No . (_901_ <sub>)</sub> _775-0173 ste ID Code No :TUN-9807002		Phone No. (	)		
cial Handling Instructions and Additiona	al Information:				
Hunters of Tunics, Inc. Permit Number SW 0720010459	Ticket Number.		Customer Numbe	r·	
SPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	/ (601) 961-5171			
Waste Description	Actual Quantity	Units	Cor	itainer Type	
Dieldrin Contaminated Soil	27.69	☐ Pounds ☐ Tons ☐ Cu Yd ☐ Cu. Ft	☐ Carton ☐	Truck Box Other:	
nerator Authorized Agent	Signature TRANSP	ORTER		Shipment Date	
- 2mV					
k No ·	100	Transporter Phone	$\dot{\mathbf{n}}$	29-2200	
nsporter Name: <u>Matthews Truck</u> ress: <u>1340 Gwynn</u> Road	ing	Driver Name (print	· · · · · · · · · · · · · · · · · · ·	.70	
ness: <u>1340 Gwynn Road</u> <u>Nesbit, MS 38651</u>		Vehicle License No./State: 4074/9			
		Vehicle Certification		<del></del>	
n my signature, I certify that the above mane Generator site listed above.	9 29.98	delivered without	o, I certify that the ab incident to the destina	ove named material was tion listed below.	
nature /	Pickup Date	Signature		Delivery Date	
	DESTIN	ATION			
Name: Trash Hunters of T	unica. Inc.		Phone No. (CO1)	202 2000	
Address: 6035 Bowdre Rd. F		38664	Phone No.: (601)		
crepancies:			Time:		
reby certify that the above named materi	ial has been accepted as	d to the best of my	knowledge, the forego	ing is true and accurate.	
_) // )	5-15mg/			9,29,98	
16 (print)	Signature			Receipt Date	
; UU32UZ	I ANDENIA		TOTAL TO	NATE 14473 52	



#### NON-HAZARDOUS WASTE MANIFEST

3781916

	GENE	RATOR		
Name of Generator Defense Distribution [			SAME	
Address 2163 Airways Blvd.	2162 Airman Blod			
Memphis, TN 38114		Address.		
Phone No : (_901_) 775-0173		Phone No. (	)	
Waste ID Code No TUN-980700	)2	,		
Special Handling Instructions and Additiona	I Information			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-07200184	59 Ticket Number		Customer Number:	
RESPONSIBLE AGENCY. Mississippi Dept.	of Environmental Quality	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	26.33	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum   ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
and packaged, and is in proper condition to	te as defined by 40 CFR are transportation according	261 or any applicable s	state law, has been properly described, classifications.	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition to	te as defined by 40 CFR 2	261 or any applicable s g to applicable regula make the control	state law, has been properly described, classifie	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition to TTC/L/L/L/L/L/Generator Authorized Agent	te as defined by 40 CFR are transportation according Signature	261 or any applicable s g to applicable regula and Cullus PORTER	state law, has been properly described, classifications.  Shipment Date	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition to JTTC/L/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/	te as defined by 40 CFR ar transportation according Signature	261 or any applicable s g to applicable regula 2016 CORTER  Transporter Phone	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200	
Truck No.:  Mate law or regulation, is not a hazardous was and packaged, and is in proper condition for the following of the	ste as defined by 40 CFR ar transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print	Shipment Date  No.: (601 ) 429-2200	
Truck No.:	ste as defined by 40 CFR ar transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (A D D D D D D D D D D D D D D D D D D	
Truck No.:  Matthews Truck  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above me	ste as defined by 40 CFR ar transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Do./State: A D & S CONSTANT On: MDOT  In certify that the above named material was	
Truck No.:  Matthews Truck  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above me	ste as defined by 40 CFR ar transportation according Signature  TRANSF	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  Do./State: ADDOT	
Truck No.:  Transporter Name. Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above man at the Generator site listed above.	ste as defined by 40 CFR ar transportation according Signature  TRANSF  ing  aterial was picked up	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: MDOT  It certify that the above named material wincident to the destination listed below.	
Truck No.:  Matthews Truck  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above me	ste as defined by 40 CFR ar transportation according Signature  TRANSF  ing  aterial was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	state law, has been properly described, classifications.  Shipment Date  No.: (601 ) 429-2200  Do./State: A D & S M M M M M M M M M M M M M M M M M M	
Truck No.:  Transporter Name. Matthews Truck  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above man at the Generator site listed above.	ste as defined by 40 CFR ar transportation according Signature  TRANSF  ing  aterial was picked up	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: MDOT  It certify that the above named material wancident to the destination listed below.	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition for the second state of the second sta	Signature  TRANSF  ing  aterial was picked up  Pickup Date  DESTINATION  Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601) 429-2200  Shipment Date  No.: MDOT  It certify that the above named material wancident to the destination listed below.	
Truck No.:  Transporter Name.  Matthews Truck  Address:  1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above me at the Generator site listed above.  Signature	Signature  TRANSF  ing  aterial was picked up  Pickup Date  DESTINATION  Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	state law, has been properly described, classifications.  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  No.: (601) 429-2200  Shipment Date  On: MDOT  In certify that the above named material wincident to the destination listed below.  Delivery Date	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition for the second state of the second sta	Signature  TRANSF  ing  aterial was picked up  Pickup Date  DESTINATION  Of Tunica, Inc.	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition to TTCL Control of Con	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIN  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  IATION	Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Shipment Date  No.: (601 ) 429-2200  Delivery Date  Phone No.: (601) 363-2282	
Rate law or regulation, is not a hazardous was and packaged, and is in proper condition to TTCL Control of Con	Signature  TRANSF  Ing  aterial was picked up  Pickup Date  DESTIN  A Of Tunica, Inc.  Robinsonville, MS	PORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without in Signature  IATION	Shipment Date  No.: (601 ) 429-2200  No.: (601 ) 429-2200  No.: MDOT  In certify that the above named material wancident to the destination listed below.  Phone No.: (601) 363-2282  Time:	



### USA WASTE SERVICES

3781917

### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
me of Defense Distribution De	pot, Memphis	Waste Generation Location	SAME	
tress. 2163 Airways Blvd.		Address		
Memphis, TN 38114				
one No (901) 775-0173		Phone No (		
ste ID. Code No TUN-9807002				
acial Handling Instructions and Additional In	formation			
3 Hunters USA of Tunica, Inc. Permit Number SW-0720810459	Ticket Number		Customer Nu	mber
SPONSIBLE AGENCY. Mississippi Dept of I	Environmental Qualit	y (601) 961-5171		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Waste Description	Actual Quantity	Units		Container Type
Dieldrin Contaminated Soil	25.09	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu Ft	☐ Drum ☐ Carton ☐ Bag Volume.	☑ Truck ☐ Box ☐ Other
n my signature, I certify that the above named e law or regulation, is not a hazardous waste as packaged, and is in proper condition for transport that the above named is packaged, and is in proper condition for transport	3 UBIIIIBU DY <del>4</del> U CPR 2	TO I OT SOV SODNICADIA 6	atate law, has been ations.	925,9
packaged, and is in proper condition for tra	Ansportation according	g to applicable regula	atate law, has been ations.	properly described, classifie  Shipment Date
packaged, and is in proper condition for tra	Signature TRANSP	or any applicable sg to applicable regula	ations.	Shipment Date
packaged, and is in proper condition for transfer Authorized Agent	Signature  TRANSP	ORTER  Transporter Phone	No ( <u>601</u> )	925 9 Shipment Date 429-2200
packaged, and is in proper condition for transfer Authorized Agent  ik No	Signature  TRANSP	ORTER  Transporter Phone  Driver Name (print)	no ( <u>601</u> ):	9,25,9 Shipment Date 429-2200
packaged, and is in proper condition for transcription for Authorized Agent  ask No	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No	No ( <u>601</u> ):  Ray You	925 9 Shipment Date 429-2200
packaged, and is in proper condition for transcription for transcr	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No	No ( <u>601</u> ) ): <u>Ray yo</u> o./State: <u>Po</u>	92579 Shipment Date 429-2200
packaged, and is in proper condition for transcription for transcription for Authorized Agent  asporter Name: Matthews Trucking ress. 1340 Gwynn Road	Signature  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Wehicle Certification With my signature,	No ( <u>601</u> )	9,25,9 Shipment Date 429-2200
packaged, and is in proper condition for tracking and in proper condition for tracking and in proper condition for tracking and a separate Name: Matthews Trucking and Indiana	TRANSP  all was picked up	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No ( <u>601</u> )	Shipment Date  429-2200  25-3  78-79  above named material was tination listed below.
packaged, and is in proper condition for tracking and in proper condition for tracking and in proper condition for tracking and a separate Name: Matthews Trucking and Indiana	TRANSP  al was picked up  Pickup Date	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No ( <u>601</u> )	Shipment Date  429-2200  23-3  78-79  above named meterial week
packaged, and is in proper condition for tracking merator Authorized Agent  The Company of the C	al was picked up  Pickup Date  DESTINA	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No ( <u>601</u> )	Shipment Date  429-2200  25-3  78-79  above named material was tination listed below.
packaged, and is in proper condition for transcription for transcr	TRANSP  TRANSP  al was picked up  Pickup Date  DESTINA	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No (601_)  No (601_)  No./State: Po  I certify that the desemble desemb	Shipment Date  429-2200  23~3  26 7 9  Above named material was tination listed below.  Delivery Date  1) 363-2282
packaged, and is in proper condition for tracking merator Authorized Agent  Sk No.  Sporter Name: Matthews Trucking mess. 1340 Gwynn Road  Nesbit, MS 38651  The Generator site listed above.  Name: Trash Hunters USA Of Address: 6035 Bowdre Rd. Rob	al was picked up  TRANSP  TRANSP  DESTINATION  TRANSP	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature	No (601_)  No (601_)  No./State: Po  I certify that the desemble desemb	Shipment Date  429-2200  23-3  78-79  above named material was tination listed below.  Delivery Date
packaged, and is in proper condition for transporter Name: Matthews Trucking ress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material regenerator site listed above.  Name: Trash Hunters USA Of Address: 6035 Bowdre Rd. Rob	al was picked up  Pickup Date  DESTINATION DESTINATION OF TUNICAL INC.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No (601 )	Shipment Date  429-2200  257  Above named material was tination listed below.  Delivery Date  1)36.3-2282
packaged, and is in proper condition for transporter Name: Matthews Trucking ress. 1340 Gwynn Road  Nesbit, MS 38651  In my signature, I certify that the above material regenerator site listed above.  Name: Trash Hunters USA Of Address: 6035 Bowdre Rd. Rob	al was picked up  Pickup Date  DESTINATION DESTINATION OF TUNICAL INC.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No (601 )	Shipment Date  429-2200  257  Above named material was tination listed below.  Delivery Date  1)36.3-2282
packaged, and is in proper condition for tracking merator Authorized Agent  Sk No.  Sporter Name: Matthews Trucking mess. 1340 Gwynn Road  Nesbit, MS 38651  The Generator site listed above.  Name: Trash Hunters USA Of Address: 6035 Bowdre Rd. Rob	al was picked up  Pickup Date  DESTINATION DESTINATION OF TUNICAL INC.	ORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature ATION	No (601 )	Shipment Date  429-2200  257  Above named material was tination listed below.  Delivery Date  1)36.3-2282



### USA WASTE SERVICES

3781918

#### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR		
	ator Defense Distribution Depot, Memphis		SAME	
Address 2163 Airways Blvd.	<del>_</del> -	Address:		
Memphis, TN 38114				
Phone No (901) 775-0173		Phone No. (		
Waste ID Code NoTUN-98070	02			
Special Handling Instructions and Addition	al Information			
Trash Hunters USA of Tunica, Inc. Permit Number: SW-0720010			Customer Number	
RESPONSIBLE AGENCY. Mississippi Dept	of Environmental Quality	v (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contamınated Soil	24.17	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature / TRANSF	PORTER	Shipment Date	
Total No. 12 (-)		Towns to Disco	N. (601 ) 420 2200	
Truck No	kina	Transporter Phone	16/ 1	
Transporter Name: <u>Matthews Truc</u> Address 1340 Gwynn Road	Killy	Driver Name (print)		
Nesbit, MS 38651	* M. C.	Vehicle License No./State: LC LJ J O 7  Vehicle Certification: MDOT		
With my signature, I certify that the above r at the Generator site listed above.  Signature	material was picked up	With my signature	, I certify that the above named material was neident to the destination listed below.  Delivery Date	
	DESTIN	IATION		
Car Name Track Huntara US				
Site Name: <u>Trash Hunters US</u> Site Address: 6035 Bowdre Rd.		38664	Phone No.: (601) 363-2282	
<u> </u>	110211101111107 1110		Time:	
hereby certify they the above samed mate		and to this base of most	Andrew Market	
The tile above named man	ена наз реец ассер( <b>ес</b> 8	Ind to the best of pay	knowledge, the foregoing is true and accurate.	
Name (print)	Signature	UNI/	Receipt Date	
Nº 003139	- LANDFILL Yellow - GE)	NERATOR Jink - TRAI	NSPORTER TOTAL TO DATE: 4199. [	

ink - TRANSPORTER

# USA WASTE SERVICES

3781919

	GENE	RATOR	
me of Defense Distribution Depe	ot, Memphis	Waste Generation Location:	SAME
dress 2163 Airways Blvd.	2163 Airways Blvd.  Memphis, TN 38114		
Memphis, TN 38114			
one No. (_901_) _775-0173		Phone No.: (	)
ste ID Code No. TUN-9807002	4	·	
ecial Handling Instructions and Additional Info	rmation:		
h Hunters USA of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept. of En	vironmental Quality	(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contamınated Soıl	29.97	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft	☐ Drum
	TRANSP	ORTER	Shipment Date
ck No R m - 7		T	601
nsporter Name: Matthews Trucking			No.: (601) 429-2200
tress: 1340 Gwynn Road		- '	JACKIE YOUNT
Nesbit, MS 38651			0./State: <u>A07881 m5</u>
h my signature, I certify that the above material	was picked up	Vehicle Certification	
he Generator site listed above.	was picked up	delivered without in	I certify that the above named material was acident to the destination listed below.
Jackie Jount 9	130,198	Jack	i yout 9 30 ,98
nature() Pi	ckup Date	Signature	Delivery Date
	DESTIN	ATION	
Name. Trash Hunters USA Of	Tunica, Inc.		Phone No.: (601) 363-2282
Address: 6035 Bowdre Rd. Robin		38664	Time:
crepancies.			
reby certify that the above named material has	s been accepted an	d to the best of my to	nowledge, the foregoing is true and accurate
ne (print) 2 003140	Signature		Receipt Date
: 003   40 White - LANDFI	ILL Yellow - GENE	RATOR Pink — TRANS	SPORTER TOTAL TO DATE: 4529.08



#### NON-HAZARDOUS WASTE MANIFEST

	GENEF	RATOR	
Name of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME
0400 41			
Memphis, TN 38114			
		Phone No.: (	)
Waste ID Code NoTUN-980700		•	, -
Special Handling Instructions and Additiona			
Trash Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number		Customer Number
RESPONSIBLE AGENCY: Mississippi Dept	. of Environmental Quality	y (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
5:11 6	20 11/	☐ Pounds	☐ Drum ☑ Truck
Dieldrın Contaminated Soıl	101.48	☑ Tons ☐ Cu. Yd.	☐ Carton ☐ Box ☐ Other:
3011		☐ Cu. Ft.	Volume:
	TRANSF	PORTER	
Truck No.:			
Fransporter Name: Matthews Truc		Transporter Phone	e No.: ( <u>601</u> ) <u>429-2200</u>
		Transporter Phoni Driver Name (prin	$\sim$ $\sim$
-	kıng	Driver Name (prin	m: Ray Young
-	<del></del>	Driver Name (prin	nt): RAY YOUNG
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above r	kıng	Driver Name (prin Vehicle License N Vehicle Certificati With my signatur	nt): RAY YOUNG No./State: AO 7879 on: MDOT
Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  RM	material was picked up	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without	nt): Ray Young No./State: AO 7879  on: MDOT  e, I certify that the above named material will incident to the destination listed below.
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  RM	material was picked up  9,30,-98  Pickup Date	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	nt): RAY YOUNG No./State: AO 7879 on: MDOT e, I certify that the above named material wi
Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature	material was picked up  9 30, 98  Pickup Date	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	nt): Ray Young No./State: Aon 879 on: MDOT e, I certify that the above named material wincident to the destination listed below.
Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature  Trash Hunters of	material was picked up  9,30, 98  Pickup Date  DESTIN	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	nt): Ray You was No./State: Ao ) 879  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature  Site Name: Trash Hunters of Site Address: 6035 Bowdre Rd.	material was picked up  9 30, 98 Pickup Date  DESTIN	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature	nt): Ray You was No./State: Ao ) 879  on: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature  Trash Hunters of 6035 Bowdre Rd.  Piscrepancies:	material was picked up  9,30,-98 Pickup Date  DESTINATION Tunica, Inc. Robinsonville, MS	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature NATION	nt):RAY YOUNG No./State:AO
Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature  Trash Hunters of Site Address: 6035 Bowdre Rd.	material was picked up  9,30,-98 Pickup Date  DESTINATION Tunica, Inc. Robinsonville, MS	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature NATION	nt): Ray You wo No./State: Ao ) 879 on: MDOT e, I certify that the above named material w incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282
Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the above rat the Generator site listed above.  Signature  Site Name: Trash Hunters of 6035 Bowdre Rd.  Piscrepancies:	material was picked up  9,30,-98 Pickup Date  DESTINATION Tunica, Inc. Robinsonville, MS	Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without Signature NATION	nt):RAY YOUNG No./State:AO



3781921

	GENE	RATOR		
me of nerator Defense Distribution Depo		Waste Generation Location:	SAME	
Memphis, TN 38114	<u></u>	<del>.</del>		
one No. ( 901 ) 775-0173		Phone No (	)	·
ste ID Code No TUN-9807002				
ecial Handling Instructions and Additional Inform	mation.			<del></del>
h Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number:		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept of Env	rironmental Qualit	y (601) 961-5171		
	Actual Quantity	Units	Container Ty	/pe
Dieldrın Contamınated Soil	25.00	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other. Volume:	
h my signature, I certify that the above named me law or regulation, is not a hazardous waste as did packaged, and is in proper condition for transposed.	efined by 40 CFR a portation accordin	261 or any applicable s	state law, has been properly des ations	scribed, classified
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transport	efined by 40 CFR 2 portation accordin Signature	261 or any applicable s g to applicable regula	state law, has been properly des ations	scribed, classified
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transport for transport for Authorized Agent	efined by 40 CFR 2 portation accordin  Signature  TRANSP	261 or any applicable s g to applicable regula	state law, has been properly des ations	scribed, classified
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transport of tr	efined by 40 CFR 2 portation accordin  Signature  TRANSP	261 or any applicable s g to applicable regula CORTER  Transporter Phone	state law, has been properly desations  Signature:  No.: (601) 429-22	scribed, classified    3
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transformerator Authorized Agent  State of the state o	efined by 40 CFR 2 portation accordin  Signature  TRANSP	PORTER  Transporter Phone  Driver Name (print	state law, has been properly desations  Signature  No.: (601) 429-22	scribed, classified  A S S S S S S S S S S S S S S S S S S
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transful for tr	efined by 40 CFR 2 portation accordin  Signature  TRANSP	PORTER  Transporter Phone Driver Name (print Vehicle License No.	No.: (601) 429-22  No.: (401) 429-22  No.: (401) 429-22	scribed, classified    3/ /8     hipment Date
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transformerator Authorized Agent  ck No	efined by 40 CFR 2 portation accordin  Signature  TRANSP	ORTER  Transporter Phone Driver Name (print Vehicle License No.	No.: (601) 429-22  No.: (MDOT 65	corribed, classified    196   Secretaria   S
te law or regulation, is not a hazardous waste as de packaged, and is in proper condition for transful for tr	efined by 40 CFR 2 portation accordin  Signature  TRANSP	ORTER  Transporter Phone Driver Name (print Vehicle License No With my signature	No.: (601) 429-22  No.: (401) 429-22  No.: (401) 429-22	corribed, classified    13/18    Shipment Date    00    10    3    7    The distribution of the control of the
nerator Authorized Agent  ck No. Matthews Trucking  matters: 1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above material the Generator site listed above.	efined by 40 CFR 2 portation accordin  Signature  TRANSP	ORTER  Transporter Phone Driver Name (print Vehicle License No With my signature	No.: (601) 429-22  No.: (601) 429-22  No.: MDOT 65  I certify that the above name and the destination lister.	corribed, classified    13/18    Shipment Date    00    10    3    7    The distribution of the control of the
nerator Authorized Agent  ck No. Matthews Trucking  matters: 1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above material the Generator site listed above.	efined by 40 CFR 2 portation accordin  Signature  TRANSP  was picked up	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	No.: (601) 429-22  No.: (601) 429-22  No.: MDOT 65  I certify that the above name and the destination lister.	hipment Date  OO  AUNI  And material was and below.
nerator Authorized Agent  ck No.  Matthews Trucking  dress:  1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above material whe Generator site listed above.	efined by 40 CFR 2 portation accordin  Signature  TRANSP  was picked up  ckup Date  DESTIN	Transporter Phone Driver Name (print Vehicle License No Vehicle Certificatio With my signature delivered without in	No.: (601) 429-22  No.: (601) 429-22  No.: MDA  No.: MDOT 65  I certify that the above name acident to the destination lister	hipment Date  OO  A IVI  The description of the control of the con
nerator Authorized Agent  ck No	efined by 40 CFR 2 portation according  Signature  TRANSP  was picked up  ckup Date  DESTIN	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without if Signature	No.: (601) 429-22  No.: (601) 429-22  No.: MDOT 65  I certify that the above name ancident to the destination lister and the second of the sec	hipment Date  OO  A IVI  The description of the control of the con
nerator Authorized Agent  ck No.  Matthews Trucking  dress:  1340 Gwynn Road  Nesbit, MS 38651  h my signature, I certify that the above material the Generator site listed above.  Name:  Trash Hunters of Tunical Address:  Address:  Address:  6035 Bowdre Rd. Robin	efined by 40 CFR 2 portation according  Signature  TRANSP  was picked up  ckup Date  DESTIN	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without if Signature	No.: (601) 429-22  No.: (601) 429-22  No.: MDA  No.: MDOT 65  I certify that the above name acident to the destination lister	hipment Date  OO  A IVI  The description of the control of the con
nerator Authorized Agent  ck No	efined by 40 CFR aportation according according according according a second according a	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without it Signature  ATION	No.: (601 ) 429-22  No.: (601 ) 429-22  No.: MDOT 65  I certify that the above name ancident to the destination lister and the second of the s	corribed, classified    1968   Shipment Date   100   State   S
nerator Authorized Agent  ck No	efined by 40 CFR aportation according according according according a second according a	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without it Signature  ATION	No.: (601 ) 429-22  No.: (601 ) 429-22  No.: MDOT 65  I certify that the above name ancident to the destination lister and the second of the s	hipment Date  OO  AUNI  The material was ad below.  Delivery Date  1-2282
is law or regulation, is not a hazardous waste as ded packaged, and is in proper condition for transformerator Authorized Agent  Ck No	efined by 40 CFR aportation according according according according a second according a	ORTER  Transporter Phone Driver Name (print Vehicle License No Vehicle Certification With my signature delivered without it Signature  ATION	No.: (601) 429-22  No.: (601) 429-22  No.: MDOT 65  I certify that the above name acident to the destination lister acident to the destination lister acident to the foregoing is transported by the foregoing by the foregoing is transported by the foregoing by th	corribed, classified    1968   Shipment Date   100   State   S



### NON-HAZARDOUS WASTE MANIFEST

	GENE	RATOR	· · · · · · · · · · · · · · · · · · ·	
Name of Generator Defense Distribution [	Depot. Memphis	Waste Generation Location	SAME	
O1CO Airman Blad				
Memphis, TN 38114		Address:		
Phone No (901) 775-0173	· · · · · · · · · · · · · · · · · · ·			
TUN 000700	12	Phone No (		
174310 1D COUG 110				
Special Handling Instructions and Additiona	I Information			
Trash Hunters of Tunica, Inc. Permit Number SW-0720010458	Ticket Number		Customer Number:	
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	27.59	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature	PORTER	Shipment Date	
Truck No Rm ~ 7		Transporter Shore	No.: (601 ) 429-2200	
Transporter Name: Matthews Truck			_	
Address 1340 Gwynn Road	ing	Driver Name (print): 「おとんと とって) Vehicle License No./State: 日の7881 から		
Nesbit, MS 38651		Vehicle License No./State: 10/188/ Washington: MDOT		
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	With my signature	e, I certify that the above named material wa- incident to the destination listed below.	
Signature Joseph Jourt	9,30,98 Pickup Date	Signature	acky your 9,30,98 Delivery Date	
	DESTI	NATION	7	
Site Name:Trash Hunters of T	unica, Inc.		Phone No (601) 363-2282	
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:	
Discrepancies:				
	rial has been accepted a	and to the best of my	knowledge, the foregoing is true and accurat	
Name (print)	Signature		Receipt Date	
Nº 003257			TOTAL TO DATE: 4/295 K	



378,1923

	GENE	RATOR		
me of Defense Distribution Depot, Memphis		Waste Generation Location.	SAME	
tress 2163 Airways Blvd.		Address		
Memphis, TN 38114				
one No. (_901_)_775-0173		Phone No.: (	)	
ste ID. Code No TUN-980700	)2	•		
ecial Handling Instructions and Additional	il Information			
h Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number		Customer Number	
SPONSIBLE AGENCY: Mississippi Dept	of Environmental Quality	(601) 961-5171		
Waste Description	Actual Quantity	Units	Contai	ner Type
Dieldrın Contaminated Soil	23.54	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft.	☐ Drum	nck nx nck
nerator Authorized Agent	Signature TRANSP	OPTER		Shipment Date
Doort	THANSP	ORIER		
ck No K/Y)		Transporter Phone	No: (601) 429	-2200
nsporter Name: <u>Matthews Truck</u>	ıng	Driver Name (print	1: KAY YOUN	5
tress 1340 Gwynn Road		Vehicle License No	o./State. <u>AO 78</u> 7	9
Nesbit, MS 38651		Vehicle Certificatio	n: MDOT	
h my signature, I certify that the above ma he Generator site listed above.	aterial was picked up	With my signature delivered without in	. I certify that the above acident to the destination	named material was listed below.
nature	Pickup Date	Signature		Delivery Date
	DESTINA			Delivery Date
		AIION		
Name: Trash Hunters of Ti			Phone No.: (601)	363-2282
Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Time:	
crepancies.				
reby certify that the above named materi	()w	d to the best of my i	cnowledge, the foregoing	is true and accurate.
ne (print)	Signature	<u> </u>		Receipt Date
2 003256 White	LANOFILL Yellow GENE	// RATOR Pink TRAN	SPORTER TOTAL TO DAT	4632.69



### NON-HAZARDOUS WASTE MANIFEST

SAME		
()		
Customer Number		
171		
Container Type		
Is ☐ Drum ☑ Truck ☐ Carton ☐ Box d. ☐ Bag ☐ Other: t. Volume		
Shipment Date		
Phone No.: (601 ) 429-2200		
Driver Name (print): H & BENDRANI		
Vehicle License No./State: A 02307		
Vehicle Certification: MDOT / \$ 36 77		
gnature, I certify that the above named material was rithout incident to the destination listed below.    1		
Convery Date		
Phone No.: (601) 363-2282		
Time:		
<del>//</del>		
t of my knowledge, the foregoing is true and accura		
-		



3781925

	GENE	RATOR	
me of nerator: Defense Distribution D		Waste Generation Location.	SAME
Memphis, TN 38114			
one No · (_901_) _775-0173		Phone No. (	)
ste ID Code No TUN-9807002	<u> </u>		
ecial Handling Instructions and Additional	Information		
h Hunters of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number
SPONSIBLE AGENCY: Mississippi Dept o	f Environmental Quality	(601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrin Contaminated Soil	25.26	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu Ft.	☐ Drum
nerator Authorized Agent	Signature TRANSP	ORTER	Shipment Date
ck No	7	Transporter Phone	No <sub>3</sub> : (601 ) 429-2200
nsporter Name: <u>Matthews Truckin</u>	<u>g</u>	Driver Name (print	1
tress: 1340 Gwynn Road		**	0./State: 107881 m5
Nesbit, MS 38651		Vehicle Certification	
h my signature, I certify that the above mate	erial was picked up	With my signature	, I certify that the above named material was
he Generator site listed above.	2 0 0 0	delivered without i	ncident to the destination listed below.
nature for the fresh	Pickup Date	Signature	Delivery Date
	DESTINA	ATION '	
NameTrash Hunters of Tur	nica, Inc.		Phone No. ( 601) 262 2202
Address: 6035 Bowdre Rd. Ro		38664	Phone No.: (601) 363-2282
repancies		$\overline{\Omega}$	Time.
17 X 2	has been accepted an	d to the best of my I	knowledge, the foregoing is true and accurate
ne (print)	Signature		Receipt Date
003254 White - Li	NOFILL YMON GENE	RATOR Pink TRAN	SPORTER TOTAL TO DATELY (6,493

#### 3781926

	GENE	RATOR		
Name of Generator Defense Distribution [	Depot, Memphis	Waste Generation Location:	SAME	
Address: 2163 Airways Blvd.	Address: 2163 Airways Blvd.			
Memphis, TN 38114				
Phone No. (901) 775-0173		Phone No. (	)	
Waste ID Code No. TUN-980700		,	,	
Special Handling Instructions and Additiona				
Trash Hunters of Tunica, Inc. Permit Number 8W-0728010459	Ticket Number:		Customer Number	
RESPONSIBLE AGENCY. Mississippi Dept	of Fourcomental Quality	v (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	24.89	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:	
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date	
Truck Not: AM Z		Transporter Phone	No: (601) 429-2200	
1040 C D	an iq	1717		
Nesbit, MS 38651		Vehicle License N	on: MDQT 6836 77	
With my signature, I certify that the above mat the Generator site listed above.	aterial was picked up	With my signature	e, I certify that the above named material wa incident to the destination listed below.	
Signature Signature	9,33,98 Pickup Date	- 1/1/2	Delivery Date	
	DESTI	NATION		
Site Name:Trash Hunters of T	unica, Inc.		Phone No.: (601) 363-2282	
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:	
Discrepancies		- 1		
	rial has been accepted	and to the best of box	knowledge, the foregoing is true and accurat	
(-25	7	-Cm	9,30,78	
Name (phot)	Signature		Receipt Date	
Nº 003253		//	TOTAL TO DATE / 17/19 07	



3781927

	GENE	RATOR			
ne of Defense Distribution I	perator. Defense Distribution Depot, Memphis		SAME		
fress 2163 Airways Blvd.					
Memphis, TN 38114					
one No. ( 901 ) 775-0173		Phone No. (	Phone No. (		
ste ID Code NoTUN-980700	2	Phone No . ()			
əcial Handling Instructions and Additiona	Information				
1 Hunters of Tunica, Inc. Permit Number SW-0720010459	Tillian N		_		
			Customer Number		
SPONSIBLE AGENCY: Mississippi Dept Waste Description	of Environmental Quality  Actual Quantity	(601) 961-5171 Units	Cont	ainer Type	
Dieldrın Contaminated Soil	24.01	☐ Pounds ☑ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Carton ☐	Truck Box Other:	
nerator Authorized Agent	Signature TRANSP	ORTER	-	Shipment Date	
11/1/27	8170				
nsporter Name; Matthews Trucki	0.40	Transporter Phone	1/1	9-2200	
ress: 1340 Gwynn Road	ng	Driver Name (print	•	ORUM	
Nesbit, MS 38651		Vehicle License No		2307	
h my signature, I certify that the above ma	tarial was picked in		n MDOT 68	,	
he Generator site listed above.	merial was picked up	delivered without is	, i certify that the abor- ncident to the destinati	ve named material was on listed below.	
Hyndraun	10,1,98	JHSK		10.1.98	
nature	Pickup Date	Signature	e fan e	Delivery Date	
	DESTIN	ATION			
Name: Trash Hunters of Tu	ınica, İnc.		Phone No.: (_601)	363-2282	
Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Time:	<u> </u>	
crepancies:					
reby certify that the above named materia	al has been appropried an	the best of my	knowledge, the foregoin	ng is true and accurate.	
ne (print)	Signature	1/		Receipt Date	
003252	LANOFILL VINITUM GENE	DATTO DIEL TOAL	TOTAL TO D	ATE: 4733 42	

### NON-HAZARDOUS WASTE MANIFEST

	GENER	RATOR						
Name of Generator: Defense Distribution [	Depot, Memphis	Waste Generation Location:	SAME					
Address 2163 Airways Blvd.  Memphis, TN 38114  Phone No (901) 775-0173		Address:						
					Waste ID Code NoTUN-980700		(	
					Special Handling Instructions and Additiona	I Information		
Tresh Hunters of Tunice, Inc. Permit Number SW 0720019459	Ticket Number:		Customer Number					
RESPONSIBLE AGENCY: Mississippi Dept.	of Environmental Quality	y (601) 961-5171						
Waste Description	Actual Quantity	Units	Container Type					
Dieldrin Contaminated Soil	26.04	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:					
Generator Authorized Agent	Signatúře TRANSF	PORTER	Shipment Date					
Truck No. Rm-7		Transporter Phone	No.: (601 ) 429-2200					
Transporter Name: Matthews Truck		Driver Name (prin						
Address: 1340 Gwynn Road		Vehicle License N	A = 17 m					
Nesbit, MS 38651		Vehicle Certification: MDQT						
With my signature, I certify that the above mat the Generator site listed above.	naterial was picked up	With my signature	e, I certify that the above named material wa incident to the destination listed below.					
Signature Court	Pickup Date	Signature	Delivery Date					
	DESTI	NOITAN						
Site Name: Trash Hunters of ]	Funica, Inc.		Phone No.: (601) 363-2282					
Site Address. 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:					
iscrepancies:								
	erial has been accepted	and to the best of my	knowledge, the foregoing is the and accurate					
Name (print)	Signature		Receipt Date					
Nº 003251	- LANDEILL Volce GE	NERATOR Pink — TRA	ANSPORTER TOTAL TO DATE: 4759.87					

3781929

	GENE	RATOR		
Defense Distribution Depot, Memphis ress: 2163 Airways Blvd.		Waste Generation Location Address.	SAME	
Memphis, TN 38114				
ste ID. Code No TUN-9807002		Phone No ()		
1 Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number		Customer Number	
SPONSIBLE AGENCY. Mississippi Dept.	of Environmental Quality	/ (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	24.89	☐ Pounds ☐ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:	
nerator Authorized Agent	Signature	ORTER	Shipment Date	
ok No. J4622	1070	Transporter Divers	N. (601 ) 400 0000	
nsporter Name: Matthews Trucki	ina	Transporter Phone	11 1 77	
tress:1340 Gwynn Road		Driver Name (print		
Nesbit, MS 38651	····		on: MDOT 68 36 77	
h my signature, I certify that the above ma	aterial was picked up	With my signature	, I certify that the above named material was neident to the destination listed below.	
hattire Programme /	Pickup Date	Signature	Indian 10,1,98 Delivery Date	
	DESTIN	ATION		
Name: Trash Hunters of Tu	unica. Inc.		Phase No. ( 201 ) 200 200	
Address: 6035 Bowdre Rd. F		38664	Phone No.: (601) 363-2282	
crepancies:			Time:	
. /	al has been accepted an	d to the best of my I	knowledge, the foregoing is true and accurate.	
ne (print)	Signature	- Ju	Receipt Date	
2 003250 whee-	LANDFILL Yellow — GENE	RATOR Pink — TRAN	TOTAL TO DATE (57 ALL TI	

### NON-HAZARDOUS WASTE MANIFEST

	GENER	RATOR						
Name of Generator Defense Distribution Depot, Memphis  Address 2163 Airways Blvd.  Memphis, TN 38114  Phone No. (901) 775-0173  Waste ID Code No TUN-9807002		Waste Generation Location: Address:	SAME					
		Phone No ()						
					Special Handling Instructions and Additional	il Information.		
Trash Hunters of Tunics, Inc. Permit Number 8W 0720010459	Ticket Number		Customer Number					
RESPONSIBLE AGENCY. Mississippi Dept.	of Environmental Quality	y (601) 961-5171						
Waste Description	<b>Actual Quantity</b>	Units	Container Type					
Dieldrin Contaminated	24.51	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume:					
Generator Authorized Agent	Signature	Kalle	Shipment Date					
	TRANSF	ORIER						
Truck No. 1901 12	12:55	Transporter Phon						
Transporter Name: Matthews Truck	king	Driver Name (pri						
Address: 1340 Gwynn Road	<u></u>	Vehicle License No./State: A 07.307						
<u>Nesbit, MS 38651</u>		Vehicle Certification: MDOT 68 36 77						
With my signature, I certify that the above mat the Generator site listed above.	naterial was picked up		re, I certify that the above named material was incident to the destination listed below.					
Signature Signature	10,1,78 Pickup Date	Signature Signature	Delivery Date					
	DESTIN	NATION						
Site Name Trash Hunters of T	Funica, Inc.		Phone No.: (601) _363-2282					
Site Address. 6035 Bowdre Rd.		38664	Time:					
Discrepancies								
	erial has been accepted a	and to the best of m	knowledge, the foregoing is true and accurate					
Name (print)	Signature		Receipt Date					
Nº 003249	— LANDFILL Yellow — GEI	NERATOR Pink — TR	TOTAL TO DATE: 7809.27					



3781931

	<u>GEN</u>	IERATOR	
ame of enerator Defense Distr	ibution Depot, Memphis	Waste Generation Location:	SAME
ddress 2163 Airway	s Blvd.		
Memphis, TN			
hone No (901) 775-0	173	Phone No.: (	)
/aste ID Code NoTUN-		,	
pecial Handling Instructions an	d Additional Information:		
ash Kunters of Tunica, Inc. Perinti Number SW 9720	010459 Ticket Number:		Customer Number
ESPONSIBLE AGENCY: Missis	sippi Dept. of Environmental Qua	lity (601) 961-5171	
Waste Description	Actual Quantity	Units	Container Type
Dieldrın Contaminat Soil	ed 25.75	☐ Pounds ☐ Tons ☐ Cu. Yd ☐ Cu Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
enerator Authorized Agent	Signature	SPORTER	Shipment Date
uck No RMY		Toponosti	
ansporter Name Matthew	s Trucking	Transporter Phone	
ddress: 1340 Gwynn R		Driver Name (print)	,
Nesbit, MS 386		Vehicle License No Vehicle Certification	
ith my signature, I certify that the the Generator site listed above.	e above material was picked up	With my signature,	I certify that the above named material was acident to the destination listed below.
Kyox	10,2,98		
gnature / O	Pickup Date	Signature	Delivery Date
	DESTI	NATION	
te Name: <u>Trash Hunte</u>			Phone No.: (601) 363-2282
te Address: 6035 Bowdr	e Rd. Robinsonville, MS	38664	Time:
screpancies:		-A	
nereby dertify that the above nar	(	and to the best of my k	nowledge, the foregoing is true and accurate
1º 003246	Signature		Receipt Date
15 000570	White — LANDFILL Yellow — GE	NERATOR PINK — TRANS	SPORTER TOTAL TO DATE: 2835,02

### NON-HAZARDOUS WASTE MANIFEST

Name of Generator Defense Distribution D  Address 2163 Airways Blvd.  Memphis, TN 38114	Pepot, Memphis	Waste Generation Location:			
Memphis, TN 38114					
Memphis, TN 38114		Address			
004 777 0170	· · · · · · · · · · · · · · · · · · ·		7,001000		
Phone No ( 901 ) 775-0173  Waste ID Code No TUN-9807002		Phone No. ()			
					Special Handling Instructions and Additional
Tresh Kunters of Tunics, inc. Permit Number SW 0720010459	Ticket Number		Customer Number		
RESPONSIBLE AGENCY: Mississippi Dept. o Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type		
Dieldrin Contaminated Soil	Z3.85	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu. Ft.	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:		
Generator Authorized Agent	Signature TRANSF	PORTER	Shipment Date		
Truck No. 344 77	8:30	Transporter Phone	No.: (601 ) 429-2200		
Transporter Name: Matthews Trucki	ng	Driver Name (print	1110		
Address 1340 Gwynn Road		Vehicle License No./State: 402.367			
Nesbit, MS 38651		Vehicle Certification: MDOT 68 3 4 77			
With my signature, I certify that the above ma at the Generator site listed above.	. ,	With my signature	e, I certify that the above named material was incident to the destination listed below.		
Signature	Pickup Date	Signature	Delivery Date		
	DESTIN	IATION			
Site Name: Trash Hunters of Ti	unica, Inc.		Phone No.: (601) _ 363-2282		
Site Address: 6035 Bowdre Rd. F	Robinsonville, MS	38664	Time:		
Piscrepancies:	· · · · · · · · · · · · · · · · · ·				
iscrepancies:		·			
	ial has been accepted a	ind to the best of my	knowledge, the foregoing is true and accurate		



	GENE	RATOR		
me of nerator. Defense Distribution [	Depot, Memphis	Waste Generation Location:	SAME	
tress2163 Airways Blvd.		Address.		
Memphis, TN 38114				
one No. ( <u>901</u> ) <u>775-0173</u> ste ID Code No <u>TUN-9807002</u>		Phone No. (	)	
ecial Handling Instructions and Additional	Information			
h Hunters of Tunica, Inc. Permit Number SW-0720010459	Ticket Number		Customer Number:	
SPONSIBLE AGENCY: Mississippi Dept. (	of Environmental Qualit	y (601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	27-52	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum	
	Signature TRANSP	ORTER	Shipment Date	
sk No:RM-7		Transporter Phone	No.: (601) 429-2200	
nsporter Name: Matthews Truckir	ng		JACKIE YOUNT	
tress: 1340 Gwynn Road			0./State: A0788 \ m5	
Nesbit, MS 38651		Vehicle Certificatio		
h my signature, I certify that the above mat he Generator site listed above.	erial was picked up	With my signature delivered without in	, I certify that the above named material was neident to the destination listed below.	
nature Jackie your !	Pickup Date	Signature	Yount 12,98 Delivery Date	
	DESTINA	ATION		
Name: Trash Hunters of Tu	nica Inc			
Address. 6035 Bowdre Rd. Rd		38684	Phone No.: (601) 363-2282	
repancies:			Time:	
reby certify that the above named materia	I has been accepted an	d to the best of finy k	inowiedge, the foregoing is true and accurate	
ne (print)	Signature		Receipt Date	
00324 <b>5</b>	ANDFILL YMAN - GENE	RATOR PINK — TRANS	TOTAL TO DATE   &	



### NON-HAZARDOUS WASTE MANIFEST

3781934

	GENE	RATOR	
Name of Generator Defense Distribution Defense Dist	2	Phone No.: (	
Treat Hunters of Tunica, Inc. Permit Number SW-0720010459	Ticket Number:		Customer Number
RESPONSIBLE AGENCY. Mississippi Dept.	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type
Waste Description  Dieldrin Contaminated  Soil	Z9.57	☐ Pounds ☐ Tons ☐ Cu. Yd. ☐ Cu Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other:
Generator Authorized Agent	Signature	H/Cd/M	Shipment Date
Truck No.		•	No (601 ) 429-2200
Transporter Name Matthews Trucki	ing		): RAY YOUNG
Address: 1340 Gwynn Road	<u> </u>	Vehicle License No./State: 2074 /9	
Nesbit, MS 38651  With my signature, I certify that the above mat the Generator site listed above	aterial was picked up		n: MDO I  I, I certify that the above named material was neident to the destination listed below.
Signature	Pickup Date	Signature	Delivery Date
	DESTI	IATION	
Site Name. Trash Hunters of T Site Address. 6035 Bowdre Rd. iscrepancies:	Robinsonville, MS		Phone No.: (601) 363-2282 Time:
I hereby certify that the above named mater  S. C. Will.  Name (print)		and to the best of my	knowledge, the foregoing is true and accurate.  ### Receipt Date

Nº 003263

Pink - TRANSPORTER

TOTAL TO DATE: 4915.90



3781935

	GENE	RATOR							
ne of nerator: Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME						
memphis, TN 38114  memphis, TN 38114  me No ( 901 ) 775-0173  ste ID Code No. TUN-9807002		AddressPhone No.: ()							
					ecial Handling Instructions and Additional	I Information			
					) Hunters of Tunica, Inc. Permit Number SW 0720010459	Ticket Number.		Customer Number	
					SPONSIBLE AGENCY: Mississippi Dept Waste Description	of Environmental Quality  Actual Quantity	/ (601) 961-5171 Units	Container Type	
Dieldrın Contaminated Soıl	25.96	☐ Pounds ☑ Tons ☐ Cu. Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume						
nerator Authorized Agent	Signature	ORTER	Shipment Date	<del>,</del> —					
ok Nos 248 77	10:45	Transporter Phone	No. / 601 \	_					
nsporter Name: Matthews Trucki		Driver Name (print	) / :/ ,						
ress 1340 Gwynn Road		-							
Nesbit, MS 38651		Vehicle License No./State. 402307							
n my signature, I certify that the above mathe Generator site listed above.	aterial was picked up	With my signature,	I certify that the above named material acident to the destination listed below.	was					
nature /	Pickup Date	Signature	Delivery Date	<u>78</u>					
	DESTIN	ATION							
Name: Trash Hunters of Tu Address: 6035 Bowdre Rd. F		38664	Phone No.: (601) 363-2282						
crepancies	The state of the s		Time:	<del></del>					
	al has been accented an	d to the best of my b	nowledge, the foregoing is true and accu						
1-City	_and Co		lo, "Z. , G	rate.					
ne (print)	Signature (		Receipt Date						
003262	I ANDER I MAN OF THE		TOTAL TO DATE: LIGHT 01	$\overline{}$					



#### **NON-HAZARDOUS WASTE MANIFEST**

	GENE	RATOR		
Name of Generator Defense Distributi	on Depot, Memphis	Waste Generation Location	SAME	
2163 Airways Blvd.				
	14			
Phone No (901) 775-0173		Phone No. ()		
Waste ID Code NoTUN-980		1 110116 140. <u>(</u>		
Treab Hunters of Tunica, Inc. Perent Number 8W 0720010459	Ticket Number		Customer Number	
RESPONSIBLE AGENCY: Mississippi I	Dept. of Environmental Qualit	(601) 961-5171		
Waste Description	Actual Quantity	Units	Container Type	
Dieldrın Contaminated Soil	27.79	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum       Truck ☐ Carton  ☐ Box ☐ Bag   ☐ Other:  Volume	
Generator Authorized Agent	Signature	,	Chinmont Data	
	TRANSF	PORTER	Shipment Date	
Truck No R ~ ~ 7	TRANSF	. <u></u>		
		Transporter Phone	No. (601) 429-2200	
Transporter Name: <u>Matthews T</u>	rucking	Transporter Phone	No. (601) 429-2200 DACKIE YOUNT	
Transporter Name: Matthews T	rucking	Transporter Phone Driver Name (prin Vehicle License N	No. (601) 429-2200 NO. JACKIE YOUNT NO./State: A07881 M5	
Transporter Name: <u>Matthews T</u> Address: <u>1340 Gwynn Road</u> <u>Nesbit, MS 38651</u> With my signature, I certify that the abo	rucking	Transporter Phone Driver Name (prin Vehicle License N Vehicle Certification With my signature	e No. (601) 429-2200 ot) JACKIE YOUNT Ho./State: ACT881 MS	
Transporter Name: <u>Matthews T</u> Address: <u>1340 Gwynn Road</u> <u>Nesbit, MS 38651</u> With my signature, I certify that the abo	rucking	Transporter Phone Driver Name (prin Vehicle License N Vehicle Certification With my signature	e No. (601) 429-2200  a) JACKIE YOUNT  lo./State: ACTSSI MS  on: MDOT  e, I certify that the above named material was	
Transporter Name: Matthews T  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the about the Generator site listed above.	rucking  ove material was picked up	Transporter Phone Driver Name (prin Vehicle License N Vehicle Certification With my signature delivered without	e No. (601) 429-2200  at): JACKIE YOUNT  lo./State: ACT 881 m 5  on: MDOT  e, I certify that the above named material was incident to the destination listed below.	
Transporter Name: Matthews T  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the about the Generator site listed above.  Signature  Site Name: Trash Hunters  Site Address: 6035 Bowdre F	rucking  ove material was picked up  Pickup Date  DESTIN	Transporter Phone Driver Name (prin Vehicle License N Vehicle Certification With my signature delivered without Signature	e No. (601) 429-2200  at): JACKIE YOUNT  lo./State: ACT 881 m 5  on: MDOT  e, I certify that the above named material waincident to the destination listed below.	
Transporter Name: Matthews T  Address: 1340 Gwynn Road  Nesbit, MS 38651  With my signature, I certify that the about the Generator site listed above.  Signature  Site Name: Trash Hunters  Site Address: 6035 Bowdre F	rucking  ove material was picked up  Pickup Date  DESTINATION OF Tunica, Inc. Rd. Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature  IATION  38664	Phone No.: (601) 429-2200  10. State: ACKIE YOUNT  10. State: ACTSSI MS  On: MDOT  10. I certify that the above named material was incident to the destination listed below.  Delivery Date	
Nesbit, MS 38651  With my signature, I certify that the above at the Generator site listed above.  Signature  Site Name:	rucking  ove material was picked up  Pickup Date  DESTINATION OF Tunica, Inc. Rd. Robinsonville, MS	Transporter Phone Driver Name (print Vehicle License Note Vehicle Certification With my signature delivered without Signature  IATION  38664	Phone No.: (601) 429-2200  Phone No.: (601) 429-2200  ACKIE YOUNT  JACKIE YOUNT  Solo: MDOT  e, I certify that the above named material was incident to the destination listed below.  Delivery Date  Phone No.: (601) 363-2282  Time:	



3781937

	GENE								
ne of nerator. Defense Distribution Depot, Memphis tress 2163 Airways Blvd.  Memphis, TN 38114  one No (901) 775-0173  ste ID Code No.: TUN-9807002		Waste Generation Location	SAME						
		Address							
					cial Handling Instructions and Additiona	I Information			
					i Hunlane el Tunna Ina Dapert Number CW 0760010 270				
					Hunlers of Tunica, Inc. Permit Number SW 0720010459			Customer Nu	mber
SPONSIBLE AGENCY Mississippi Dept.  Waste Description	of Environmental Quality  Actual Quantity	y (601) 961-5171 Units		Container Type					
Dieldrin Contaminated Soil	26.84	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft	☐ Drum ☐ Carton ☐ Bag	⊠ Truck □ Box □ Other					
n my signature, I certify that the above na e law or regulation, is not a hazardous was packaged, and is in proper condition for the law of the	te as defined by 40 CFR 2	C1 or any applicable s	tate law, has beer	properly described, classified					
packaged, and is in proper condition for	te as defined by 40 CFR 2 r transportation accordin Signature	261 or any applicable s g to applicable regula GCalk	tate law, has beer	properly described, classified Shipment Date					
packaged, and is in proper condition for erator Authorized Agent	te as defined by 40 CFR 2 r transportation accordin Signature TRANSP	261 or any applicable sign to applicable regular of the control of	tate law, has been	Shipment Date					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the state of the state o	te as defined by 40 CFR 2 r transportation accordin Signature TRANSP	261 or any applicable s g to applicable regula  (Calle  ORTER  Transporter Phone	tate law, has been tions  No.: (601)	Shipment Date					
packaged, and is in proper condition for the state of the	te as defined by 40 CFR 2 r transportation accordin Signature TRANSP	261 or any applicable s g to applicable regula  Call  ORTER  Transporter Phone  Driver Name (print)	No.: (601)	Shipment Date					
packaged, and is in proper condition for the state of the	te as defined by 40 CFR 2 r transportation accordin Signature TRANSP	PORTER  Transporter Phone Driver Name (print)	No.: (601):	Shipment Date					
packaged, and is in proper condition for the serator Authorized Agent  k No	r transportation accordin  Signature  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No	No.: (601_) :RA/You  No.: MDOT	Shipment Date  429-2200					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the serator Authorized Agent erator Authorized Agent erator Name: Matthews Truckings: 1340 Gwynn Road Nesbit, MS 38651	r transportation accordin  Signature  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No With my signature,	No.: (601_) :RA/You  ./State:AO  I certify that th	shipment Date  429-2200  Ag  7879  e above named material was					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the state of the state o	r transportation accordin  Signature  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No With my signature,	No.: (601_) :RA/You  ./State:AO  I certify that th	Shipment Date  429-2200					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the state of the state o	r transportation accordin  Signature  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No With my signature,	No.: (601_) :RA/You  ./State:AO  I certify that th	sproperly described, classified Shipment Date  429-2200  Ag  7879  e above named material was					
packaged, and is in proper condition for the state of the	r transportation according Signature  TRANSP  aterial was picked up  Pickup Date	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601_) :RA/You  ./State:AO  I certify that th	Shipment Date  429-2200  Se above named material was stination listed below.					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the service of the service	TRANSP  Transportation according Signature  TRANSP  Atterial was picked up  Pickup Date  DESTIN	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) : RAYYOU : RAYYOU : MDOT I certify that the	shipment Date  429-2200  Ag  Shipment Date  429-2200  Ag  Delivery Date					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the sporter Authorized Agent  k No Matthews Trucking Sporter Name: Matt	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in	No.: (601) : RAYYOU : RAYYOU : MDOT I certify that the	Shipment Date  429-2200  Se above named material was stination listed below.					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the law of the	TRANSP  TRANSP	Transporter Phone Driver Name (print) Vehicle License Note Vehicle Certification With my signature, delivered without in Signature  ATION	No.: (601) : RAYYOU : RAYYOU : MDOT I certify that the	Shipment Date  429-2200  Ag  Stripted material was stination listed below.					
packaged, and is in proper condition for the serator Authorized Agent  k No Matthews Trucking and Serator Authorized Agent  Matthews Trucking and Serator Authorized Agent  Mesbit, MS 38651  In my signature, I certify that the above make Generator site listed above.  Name: Trash Hunters of Ture Address: 6035 Bowdre Rd. For repancies:	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	No.: (601) : RAYYOU : RAYYOU : No.: MDOT I certify that the deduction to t	Shipment Date  429-2200  Ag  The property described, classified to the property described, classified to the property of the p					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the serator Authorized Agent  k No Matthews Trucking Sporter Name: Matthews Trucking Matthews Trucking Sporter Name: Matthews Trucking	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	No.: (601) : RAYYOU : RAYYOU : No.: MDOT I certify that the deduction to t	Shipment Date  429-2200  Ag  The property described, classified to the property described, classified to the property of the p					
e law or regulation, is not a hazardous was packaged, and is in proper condition for the law of the	TRANSP  TRANSP	PORTER  Transporter Phone Driver Name (print) Vehicle License No Vehicle Certification With my signature, delivered without in Signature  ATION	No.: (601) : RAYYOU : RAYYOU : No.: MDOT I certify that the deduction to t	Shipment Date  429-2200  Ag  The property described, classified of the property described, classified of the property of the p					



#### NON-HAZARDOUS WASTE MANIFEST

	GENER	RATOR		
Name of Generator Defense Distribution	Depot, Memphis	Waste Generation Location:	SAME	
ddress 2163 Airways Blvd.		Address:		
Memphis, TN 38114	•			
Phone No (901) 775-0173			)	
Waste ID. Code No TUN-98070		•	,	
	nal Information			
Track Huoters of Tunica, Inc. Permit Number 8W 0720010459	Ticket Number		Customer Number.	
RESPONSIBLE AGENCY Mississippi Depi	t of Environmental Quality  Actual Quantity	y (601) 961-5171 Units	Container Type	
Dieldrin Contaminated Soil	23.99	☐ Pounds ☑ Tons ☐ Cu Yd. ☐ Cu. Ft.	☐ Drum       Truck ☐ Carton ☐ Box ☐ Bag ☐ Other: Volume:	
Generator Authorized Agent	Signature  2 5 5 TRANSP	PORTER	Shipment Date	
Truck No.		Transporter Phone	No.: (601 ) 429-2200	
Transporter Name. Matthews Truc	king	Driver Name (prin	il 1 mars and	
Address: 1340 Gwynn Road		Vehicle License No./State: #0 2307		
Nesbit, MS 38651		Vehicle Certification: MDOT 68 36 プラ		
With my signature, I certify that the above at the Generator site listed above.		With my signature	e, I certify that the above named material waincident to the destination listed below.	
Signature Signature	Pickup Date	Signature	Delivery Date	
	DESTIN	IATION		
Site Name: Trash Hunters of	Tunica, Inc.		Phone No.: (.601) 363-2282	
Site Address: 6035 Bowdre Rd.	Robinsonville, MS	38664	Time:	
Discrepancies:				
	terial has been accepted a	and to the best of my	knowledge, the foregoing is the and accurate	
Name (print)	Signature		Receipt Date	
Nº 003264 wha	0 - LANDFILL YORON GEN	NERATOR Pink — TRA	NASPORTER TOTAL TO DATE: - SUMMER OF THE PROPERTY OF THE PROPE	



3781939

	GENE	RATOR		
ne of Defense Distribution	Depot, Memphis	Waste Generation Location	SAME	
tress 2163 Airways Blvd.	tress2163 Airways Blvd.			
Memphis, TN 38114  Dine No. ( 901 ) 775-0173				
		Phone No. ()		
ste ID Code No TUN-980700		/ Holle Hu. (		
∋cial Handling Instructions and Additiona	l Information			
a Hunters of Tunics, Inc. Permit Number SW 0720010458	Ticket Number		Customer Number	
			Customer Number	
SPONSIBLE AGENCY Mississippi Dept Waste Description	Actual Quantity			
	Actual Quantity	Units	Container Type	
Dieldrin Contaminated Soil	29.68	☐ Pounds ☐ Tons ☐ Cu Yd ☐ Cu. Ft	☐ Drum ☑ Truck ☐ Carton ☐ Box ☐ Bag ☐ Other Volume	
nerátór Authorized Agent	Sigriatore TRANSP	ORTER	Shipment Date	
ck No. Rm4	IIIAIOI			
CK 140.		Transporter Phone	No: (601) 429-2200	
nsporter Name. <u>Matthews Trucki</u>	ng	Driver Name (print)	. KAY YOUNG	
dress: 1340 Gwynn Road		Vehicle License No	./State: <u>A078.79</u>	
Nesbit, MS 38651	<del></del>	Vehicle Certification	i: _MDOT	
h my signature, I certify that the above ma he Generator site listed above.		With my signature, delivered without in	I certify that the above named material was cident to the destination listed below.	
nature //	Pickup Date	0:		
	· · · · · · · · · · · · · · · · · · ·	Signature	Delivery Date	
	DESTIN	ATION		
Name Trash Hunters of To	ınica, İnç.		Phone No.: (601) 363-2282	
Address: 6035 Bowdre Rd. F	Robinsonville, MS	39664	Time:	
crepancies:				
reby certify that the above named materia	al has been accepted an	nd to the best of my ki	nowledge, the foregoing is true and accurate	
ne (print)	Signature	/	Receipt Date	
2 003269 White-	LANDFILL Yellow — GENE	RATOP Pink — TRANS	TOTAL TO DATE: 505016	

### FINAL PAGE

### **ADMINISTRATIVE RECORD**

FINAL PAGE