APPENDIX E
LADA WASTE COMPANY
ST. CLAIR COUNTY
DUPO, ILLINOIS
ILD980497978
LPC#1630355003
SUPERFUND/ HRS

EPA Region 5 Records Ctr.
295701

CERCLA

Analytical Results

Illinois Environmental
Protection Agency

Appendix E

Laboratory Analysis and Chain of Custody Forms

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: MEO0M7 CERCLIS No: ILD980497978

Case No: 35607 Site Name/Location: STATE LINDA WASTE COMPANY (IL)

Contractor or EPA Lab: Compuchem Data User: IEPA

No. of Samples: 19 Date Sampled or Date Received: 25 Aug 06

Have Chain-of-Custody records been received? Yes X No ____

Have traffic reports or packing lists been received? Yes X No ____

If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?

Yes ____ No ____

If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____

____ ____ ____ ____

Are basic data forms in? Yes X No ____

No of samples claimed: ____ No. of samples received: ____

Received by: Adam Johnson Date: 25 Aug 06

Received by LSSS: Adam Johnson Date: 25 Aug 06

Review started: 9-12-06 Reviewer Signature: [signature]

Total time spent on review: 9.5 + 2.0 [illegible] Date review completed: 9-14-06

Copied by: ____ Date: ____

Mailed to user by: Adam Johnson Date: 25 Sept 06

DATA USER:

Please fill in the blanks below and return this form to:

Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

____

____

Received by Data Mgmt. Coordinator for Files. Date: ____

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG No.: ME00M7

Instrument ID: V3 Analysis Method: CV

Start Date: 08/16/2006 End Date: 08/16/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ME00M8	1.0	1231															X									
ME00M9	1.0	1234															X									
ME00N0	1.0	1236															X									
ME00N1	1.0	1238															X									
ME00N2	1.0	1240															X									
ME00N3	1.0	1242															X									
ME00N4	1.0	1245															X									
ME00N5	1.0	1247															X									
ME00N6	1.0	1249															X									
ME00N7	1.0	1251															X									
CCV	1.0	1254															X									
CCB	1.0	1256															X									
ME00N8	1.0	1258															X									
ME00N9	1.0	1300															X									
ME00P1	1.0	1302															X									
ME00P2	1.0	1305															X									
ME00P4	1.0	1307															X									
ME00P5	1.0	1309															X									
ME00P6	1.0	1311															X									
ME00P7	1.0	1314															X									
ZZZZZZ	1.0	1316																								
CRI	1.0	1318															X									
CCV	1.0	1320															X									
CCB	1.0	1323															X									

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: V3 Analysis Method: CV

Start Date: 08/16/2006 End Date: 08/16/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1113															X									
S0.2	1.0	1115															X									
S0.5	1.0	1117															X									
S1	1.0	1119															X									
S5	1.0	1122															X									
S10	1.0	1124															X									
ICV	1.0	1127															X									
ICB	1.0	1129															X									
CRI	1.0	1131															X									
CCV	1.0	1133															X									
CCB	1.0	1136															X									
ZZZZZZ	1.0	1138																								
ZZZZZZ	1.0	1140																								
ZZZZ	1.0	1142																								
ZZZZZZ	1.0	1144																								
ZZZZZZ	1.0	1147																								
ZZZZZZ	1.0	1149																								
ZZZZZZ	1.0	1151																								
ZZZZZZ	1.0	1153																								
ZZZZZZ	1.0	1156																								
ZZZZZZ	1.0	1158																								
CCV	1.0	1200															X									
CCB	1.0	1202															X									
ZZZZZZ	1.0	1205																								
ZZZZZZ	1.0	1207																								
ZZZZZZ	1.0	1209																								
ZZZZZZ	1.0	1211																								
PBS	1.0	1213															X									
LCSS	1.0	1216															X									
ME00M7	1.0	1218															X									
ME00M7D	1.0	1220															X									
ME00M7S	1.0	1222															X									
CRI	1.0	1225															X									
CV	1.0	1227															X									
CCB	1.0	1229															X									

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/22/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	1645							X							X										

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/22/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1204							X							X										
S	1.0	1211																								
S	1.0	1218							X																	
S	1.0	1224														X										
S	1.0	1229																								
ICV	1.0	1236							X							X										
ICB	1.0	1243							X							X										
CRI	1.0	1250														X										
ICSA	1.0	1257							X							X										
ICSAB	1.0	1304							X							X										
CCV	1.0	1311							X							X										
CCB	1.0	1318							X							X										
ZZZZZZ	1.0	1340																								
ZZZZZZ	1.0	1401																								
ZZZZZZ	1.0	1408																								
ZZZZZZ	1.0	1415																								
ZZZZZZ	1.0	1422																								
ZZZZZZ	1.0	1431																								
ZZZZZZ	1.0	1438																								
ZZZZZZ	1.0	1445																								
ZZZZZZ	1.0	1452																								
ZZZZZZ	1.0	1459																								
CCV	1.0	1506							X							X										
CCB	1.0	1513							X							X										
ZZZZZZ	1.0	1520																								
ZZZZZZ	1.0	1527																								
ZZZZZZ	1.0	1534																								
ME00M7A	1.0	1549														X										
ME00P7	2.0	1556							X																	
ZZZZZZ	1.0	1603																								
ZZZZZZ	1.0	1610																								
CRI	1.0	1617														X										
ICSA	1.0	1624							X							X										
ICSAB	1.0	1631							X							X										
CCV	1.0	1638							X							X										

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/21/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	0812	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

La ode: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/21/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.0	0406	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	0413	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0420	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00M7S	1.0	0427		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X	
ME00M7L	5.0	0434	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00M7A	1.0	0441		X																						
ME00M8	1.0	0448	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00M9	1.0	0455	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N0	1.0	0502	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N1	1.0	0509	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N2	1.0	0516	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N3	1.0	0523	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N4	1.0	0530	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
V	1.0	0537	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0544	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N5	1.0	0551	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N6	1.0	0558	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N7	1.0	0605	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N8	1.0	0612	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00N9	1.0	0619	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P1	1.0	0626	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P2	1.0	0633	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	0640		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	0647	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	0655	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	0702	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0709	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P4	1.0	0716	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P5	1.0	0723	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P6	1.0	0730	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P7	1.0	0737	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	0744		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	0751	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	0758	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	0805	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/21/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.0	0000	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0007	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0014																								
ZZZZZZ	1.0	0021																								
ZZZZZZ	1.0	0028																								
ZZZZZZ	1.0	0035																								
ZZZZZZ	1.0	0042																								
ZZZZZZ	1.0	0049																								
ZZZZZZ	1.0	0056																								
CRI	1.0	0103		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	0110	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	0117	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	0124	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0131	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0138																								
ZZZZZZ	1.0	0145																								
ZZZZZZ	1.0	0152																								
ZZZZZZ	1.0	0159																								
ZZZZZZ	1.0	0206																								
ZZZZZZ	1.0	0213																								
ZZZZZZ	1.0	0220																								
ZZZZZZ	1.0	0227																								
ZZZZZZ	1.0	0234																								
ZZZZZZ	1.0	0241																								
CCV	1.0	0249	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	0256	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0303																								
ZZZZZZ	1.0	0310																								
ZZZZZZ	1.0	0317																								
PBS	1.0	0324	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LCSS	1.0	0331	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00M7	1.0	0338	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00M7D	1.0	0345	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	0352		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	0359	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

L. Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/21/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	1954	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	2001																								
ZZZZZZ	1.0	2008																								
ZZZZZZ	1.0	2015																								
ZZZZZZ	1.0	2022																								
ZZZZZZ	1.0	2029																								
ZZZZZZ	1.0	2036																								
ZZZZZZ	1.0	2043																								
ZZZZZZ	1.0	2050																								
ZZZZZZ	1.0	2057																								
ZZZZZZ	1.0	2104																								
CCV	1.0	2112	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	2119	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZ	1.0	2126																								
ZZZZZZ	1.0	2133																								
ZZZZZZ	1.0	2140																								
ZZZZZZ	1.0	2147																								
ZZZZZZ	1.0	2154																								
ZZZZZZ	1.0	2201																								
ZZZZZZ	1.0	2208																								
CRI	1.0	2215		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	2222	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	2229	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	2236	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	2243	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	2250																								
ZZZZZZ	1.0	2257																								
ZZZZZZ	1.0	2304																								
ZZZZZZ	1.0	2311																								
ZZZZZZ	1.0	2318																								
ZZZZZZ	1.0	2325																								
ZZZZZZ	1.0	2332																								
ZZZZZZ	1.0	2339																								
ZZZZZZ	1.0	2346																								
ZZZZZZ	5.0	2353																								

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG No.: ME00M7

Instrument ID: P3 Analysis Method: P

Start Date: 08/21/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1514	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.0	1521						X		X		X		X				X		X	X		X		X	
S	1.0	1528	X						X						X				X			X				
S	1.0	1533			X	X	X				X		X			X								X		
S	1.0	1539		X																						
ICV	1.0	1546	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.0	1553	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	1600		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	1607	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	1614	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	1621	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	1628	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	1650																								
ZZZZZZ	1.0	1657																								
ZZZZZZ	1.0	1704																								
ZZZZZZ	1.0	1711																								
ZZZZZZ	1.0	1718																								
ZZZZZZ	5.0	1725																								
ZZZZZZ	1.0	1747																								
ZZZZZZ	1.0	1754																								
ZZZZZZ	1.0	1801																								
ZZZZZZ	1.0	1808																								
CCV	1.0	1815	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	1822	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	1835																								
ZZZZZZ	1.0	1842																								
ZZZZZZ	1.0	1849																								
ZZZZZZ	1.0	1856																								
ZZZZZZ	1.0	1903																								
ZZZZZZ	1.0	1910																								
ZZZZZZ	5.0	1919																								
CRI	1.0	1926		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	1933	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	1940	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	1947	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG No.: ME00M7

Instrument ID: C2 Analysis Method: AS

Start Date: 08/12/2006 End Date: 08/12/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.0	1332																								X
CCB	1.0	1333																								X

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: C2 Analysis Method: AS

Start Date: 08/12/2006 End Date: 08/12/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	1300																								X
ZZZZZZ	1.0	1303																								
PBS	1.0	1304																								X
LCSS	1.0	1304																								X
ME00M7	1.0	1305																								X
ME00M7S	1.0	1306																								X
ME00M7D	1.0	1307																								X
ME00M8	1.0	1307																								X
ME00M9	1.0	1308																								X
ME00N0	1.0	1309																								X
CRI	1.0	1310																								X
CCV	1.0	1310																								X
CCB	1.0	1311																								X
ME00N1	1.0	1314																								X
ME00N2	1.0	1314																								X
ME00N3	1.0	1315																								X
ME00N4	1.0	1316																								X
ME00N5	1.0	1317																								X
ME00N6	1.0	1317																								X
ME00N7	1.0	1318																								X
ME00N8	1.0	1319																								X
ME00N9	1.0	1320																								X
ME00P1	1.0	1321																								X
CCV	1.0	1321																								X
CCB	1.0	1322																								X
ME00P2	1.0	1324																								X
ME00P4	1.0	1325																								X
ME00P5	1.0	1326																								X
ME00P6	1.0	1327																								X
ME00P7	1.0	1327																								X
ZZZZZZ	1.0	1328																								
ZZZZZZ	1.0	1329																								
ZZZZZZ	1.0	1330																								
ZZZZZZ	1.0	1331																								
CRI	1.0	1331																								X

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: C2 Analysis Method: AS

Start Date: 08/12/2006 End Date: 08/12/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.0	1231																								
ZZZZZZ	1.0	1231																								
ZZZZZZ	1.0	1232																								
ZZZZZZ	1.0	1233																								
ZZZZZZ	1.0	1234																								
ZZZZZZ	1.0	1234																								
ZZZZZZ	1.0	1235																								
ZZZZZZ	1.0	1236																								
ZZZZZZ	1.0	1237																								
ZZZZZZ	1.0	1237																								
CCV	1.0	1238																								X
CCB	1.0	1239																								X
ZZZZZZ	1.0	1241																								
ZZZZZ	1.0	1242																								
ZZZZZZ	1.0	1243																								
ZZZZZZ	1.0	1244																								
ZZZZZZ	1.0	1244																								
ZZZZZZ	1.0	1245																								
ZZZZZZ	1.0	1246																								
ZZZZZZ	1.0	1247																								
ZZZZZZ	1.0	1247																								
CRI	1.0	1248																								X
CCV	1.0	1249																								X
CCB	1.0	1250																								X
ZZZZZZ	1.0	1252																								
ZZZZZZ	1.0	1253																								
ZZZZZZ	1.0	1254																								
ZZZZZZ	1.0	1254																								
ZZZZZZ	1.0	1255																								
ZZZZZZ	1.0	1256																								
ZZZZZZ	1.0	1257																								
ZZZZZZ	1.0	1257																								
ZZZZZZ	1.0	1258																								
ZZZZZ	1.0	1259																								
CCV	1.0	1300																								X

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00M7

Instrument ID: C2 Analysis Method: AS

Start Date: 08/12/2006 End Date: 08/12/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S200	1.0	1156																								X
S100	1.0	1156																								X
S50	1.0	1157																								X
S20	1.0	1158																								X
S10	1.0	1159																								X
S0	1.0	1159																								X
ICV	1.0	1202																								X
ICB	1.0	1203																								X
CRI	1.0	1203																								X
CCV	1.0	1204																								X
CCB	1.0	1205																								X
MRS	1.0	1207																								X
ZZZZZZ	1.0	1210																								
ZZZZZZ	1.0	1210																								
ZZZZZZ	1.0	1211																								
ZZZZZZ	1.0	1212																								
ZZZZZZ	1.0	1213																								
ZZZZZZ	1.0	1214																								
ZZZZZZ	1.0	1214																								
ZZZZZZ	1.0	1215																								
ZZZZZZ	1.0	1216																								
CCV	1.0	1217																								X
CCB	1.0	1217																								X
ZZZZZZ	1.0	1220																								
ZZZZZZ	1.0	1221																								
ZZZZZZ	1.0	1221																								
ZZZZZZ	1.0	1222																								
ZZZZZZ	1.0	1223																								
ZZZZZZ	1.0	1224																								
ZZZZZZ	1.0	1224																								
ZZZZZZ	1.0	1225																								
ZZZZZZ	1.0	1226																								
CRI	1.0	1227																								X
CCV	1.0	1227																								X
CCB	1.0	1228																								X

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Method: DS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
LCSS	08/07/2006	1.00	50
ME00M7	08/07/2006	1.00	50
ME00M7D	08/07/2006	1.00	50
ME00M7S	08/07/2006	1.00	50
ME00M8	08/07/2006	1.00	50
ME00M9	08/07/2006	1.00	50
ME00N0	08/07/2006	1.00	50
ME00N1	08/07/2006	1.00	50
ME00N2	08/07/2006	1.00	50
ME00N3	08/07/2006	1.00	50
ME00N4	08/07/2006	1.00	50
ME00N5	08/07/2006	1.00	50
ME00N6	08/07/2006	1.00	50
ME00N7	08/07/2006	1.00	50
ME00N8	08/07/2006	1.00	50
ME00N9	08/07/2006	1.00	50
ME00P1	08/07/2006	1.00	50
ME00P2	08/07/2006	1.00	50
ME00P4	08/07/2006	1.00	50
ME00P5	08/07/2006	1.00	50
ME00P6	08/07/2006	1.00	50
ME00P7	08/07/2006	1.00	50
PBS	08/07/2006	1.00	50

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
ME00P7	08/08/2006	0.20	100
PBS	08/08/2006	0.20	100
S0	08/08/2006		100
S0.2	08/08/2006		100
S0.5	08/08/2006		100
S1	08/08/2006		100
S10	08/08/2006		100
S5	08/08/2006		100

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
CCB	08/08/2006		100
CCB	08/08/2006		100
CCB	08/08/2006		100
CCB	08/08/2006		100
CCB	08/08/2006		100
CCV	08/08/2006		100
CCV	08/08/2006		100
CCV	08/08/2006		100
CCV	08/08/2006		100
CCV	08/08/2006		100
CRI	08/08/2006		100
CRI	08/08/2006		100
CRI	08/08/2006		100
ICB	08/08/2006		100
ICV	08/08/2006		100
LCSS	08/08/2006	0.20	100
ME00M7	08/08/2006	0.20	100
ME00M7D	08/08/2006	0.20	100
ME00M7S	08/08/2006	0.20	100
ME00M8	08/08/2006	0.19	100
ME00M9	08/08/2006	0.19	100
ME00N0	08/08/2006	0.21	100
ME00N1	08/08/2006	0.21	100
ME00N2	08/08/2006	0.20	100
ME00N3	08/08/2006	0.21	100
ME00N4	08/08/2006	0.19	100
ME00N5	08/08/2006	0.20	100
ME00N6	08/08/2006	0.19	100
ME00N7	08/08/2006	0.19	100
ME00N8	08/08/2006	0.20	100
ME00N9	08/08/2006	0.20	100
ME00P1	08/08/2006	0.20	100
ME00P2	08/08/2006	0.21	100
ME00P4	08/08/2006	0.20	100
ME00P5	08/08/2006	0.19	100
ME00P6	08/08/2006	0.21	100

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Method: HS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
LCSS	08/08/2006	1.00	100
ME00M7	08/08/2006	1.00	100
ME00M7D	08/08/2006	1.00	100
ME00M7S	08/08/2006	1.00	100
ME00M8	08/08/2006	1.09	100
ME00M9	08/08/2006	1.08	100
ME00N0	08/08/2006	1.00	100
ME00N1	08/08/2006	1.06	100
ME00N2	08/08/2006	1.04	100
ME00N3	08/08/2006	1.07	100
ME00N4	08/08/2006	1.09	100
ME00N5	08/08/2006	1.00	100
ME00N6	08/08/2006	1.06	100
ME00N7	08/08/2006	1.09	100
ME00N8	08/08/2006	1.05	100
ME00N9	08/08/2006	1.00	100
ME00P1	08/08/2006	1.06	100
ME00P2	08/08/2006	1.05	100
ME00P4	08/08/2006	1.01	100
ME00P5	08/08/2006	1.03	100
ME00P6	08/08/2006	1.06	100
ME00P7	08/08/2006	1.00	100
PBS	08/08/2006	1.00	100

Comments:

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: CV Instrument ID: V3 Date: 01/15/2006

Preparation Method: CS1

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

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.10	0.0420

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: CV Instrument ID: V3 Date: 01/15/2006

Preparation Method: CS1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.2	0.032

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: HS1

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

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	20.00	3.10
Antimony	206.84	6.00	0.18
Arsenic	189.04	1.00	0.32
Barium	493.41	20.00	0.05
Beryllium	313.04	0.50	0.02
Cadmium	226.50	0.50	0.01
Calcium	317.93	500.00	7.10
Chromium	267.72	1.00	0.13
Cobalt	228.62	5.00	0.03
Copper	324.75	2.50	0.08
Iron	271.44	10.00	2.30
Lead	220.35	1.00	0.11
Magnesium	279.08	500.00	0.88
Manganese	257.61	1.50	0.04
Nickel	231.60	4.00	0.09
Potassium	766.49	500.00	2.10
Selenium	196.02	3.50	0.35
Silver	328.07	1.00	0.07
Sodium	330.23	500.00	13.30
Thallium	190.86	2.50	0.40
Vanadium	292.40	5.00	0.02
Zinc	213.80	6.00	0.18

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	200	30.9
Antimony	206.84	60	7.70
Arsenic	189.04	10	2.60
Barium	493.41	200	0.610
Beryllium	313.04	5	0.140
Cadmium	226.50	5	0.270
Calcium	317.93	5000	64.9
Chromium	267.72	10	0.70
Cobalt	228.62	50	0.49
Copper	324.75	25	0.58
Iron	271.44	100	17.7
Lead	220.35	10	0.82
Magnesium	279.08	5000	33.1
Manganese	257.61	15	0.51
Nickel	231.60	40	0.56
Potassium	766.49	5000	24.5
Selenium	196.02	35	3.20
Silver	328.07	10	1.10
Sodium	330.23	5000	118.0
Thallium	190.86	25	5.3
Vanadium	292.40	50	0.34
Zinc	213.80	60	1.70

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: AS Instrument ID: C2 Date: 01/20/2006

Preparation Method: DS2

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

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	2.50	0.16

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Instrument Type: AS Instrument ID: C2 Date: 01/15/2006

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	0.32

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

ME00M7L

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	45089.77		47937.93		6		P
Antimony	60.000	U	300.000	U			P
Arsenic	29.876		28.462	J	5		P
Barium	1064.550		1121.214		5		P
Beryllium	2.361	J	25.000	U	100		P
Cadmium	5.000	U	25.000	U			P
Calcium	35295.44		38294.05		8		P
Chromium	75.670		75.961		0		P
Cobalt	64.107		69.264	J	8		P
Copper	86.042		90.826	J	6		P
Iron	80599.98		87362.05		8		P
Lead	91.33		103.54		13	E	P
Magnesium	11561.00		13087.63	J	13	E	P
Manganese	3630.356		3907.109		8		P
Nickel	102.871		109.959	J	7		P
Potassium	6397.66		5884.30	J	8		P
Selenium	35.00	U	175.00	U			P
Silver	10.000	U	50.000	U			P
Sodium	1163.46	J	2579.72	J	122		P
Thallium	25.00	U	125.00	U			P
Vanadium	159.429		168.196	J	5		P
Zinc	250.43		243.42	J	3		P

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No: _____ SDG NO.: ME00M7

Solid LCS Source: EPA

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum				115.0	78.6		54.7	175.0	68
Antimony				66.0	54.1		27.6	104.0	82
Arsenic				253.0	215.1		154.0	352.0	85
Barium				1.6	1.6	J	1.0	2.2	100
Beryllium				4.9	4.3		3.0	6.8	88
Cadmium				10.9	9.8		7.7	14.0	90
Calcium				44200.0	39975.5		30300.0	58200.0	90
Chromium				27.1	25.1		18.5	35.7	93
Cobalt				37.4	33.4		24.2	50.6	89
Copper				1770.0	1582.2		1320.0	2230.0	89
Iron				6470.0	5672.5		4280.0	8660.0	88
Lead				56.9	49.2		41.4	72.4	86
Magnesium				29200.0	25336.9		20500.0	37900.0	87
Mercury				3.6	3.4		1.9	5.3	95
Manganese				61.0	53.4		41.6	80.5	88
Nickel				16.3	14.0		9.0	23.7	86
Potassium				39.7	17.5	J	0.0	85.3	44
Selenium				10.0	9.0		4.1	15.9	90
Silver				5.9	4.7		2.7	9.1	80
Sodium				72.5	113.9	J	0.0	216.0	157
Thallium				9.5	7.8		2.9	16.1	82
Vanadium				17.6	16.2		11.6	23.7	92
Zinc				47.5	33.5		20.5	74.4	71
Cyanide				9.6	9.8		7.4	11.8	102

6-IN

DUPLICATES

EPA SAMPLE NO.

ME00M7D

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 77.3 % Solids for Duplicate: 77.1

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		5833.0880		5427.2890		7		P
Antimony		7.7620	U	7.7620	U			P
Arsenic	1.2937	3.8650		3.3764		13		P
Barium	25.8732	137.7167		114.7128		18		P
Beryllium		0.3054	J	0.2661	J	14		P
Cadmium		0.6468	U	0.6468	U			P
Calcium	646.8305	4566.0340		2738.3170		50	*	P
Chromium		9.7892		9.3414		5		P
Cobalt	6.4683	8.2933		7.3202		12		P
Copper	3.2342	11.1309		10.8385		3		P
Iron		10426.9100		9727.0070		7		P
Lead		11.8156		10.0682		16		P
Magnesium	646.8305	1495.6020		1361.2360		9		P
Mercury		0.1294	U	0.1294	U			CV
Manganese		469.6451		187.9035		86	*	P
Nickel	5.1746	13.3081		12.9994		2		P
Potassium	646.8305	827.6402		815.9653		1		P
Selenium		4.5278	U	0.5238	J	200		P
Silver		1.2937	U	1.2937	U			P
Sodium		150.5124	J	160.6687	J	7		P
Thallium		3.2342	U	3.2342	U			P
Vanadium	6.4683	20.6247		18.4296		11		P
Zinc	7.7620	32.3971		29.8062		8		P
Cyanide		3.2342	U	3.2342	U			AS

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00M7A

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		112.22		7.70	U	120.0	94		P
Manganese		10877.88		3630.36		7260.0	100		P

Comments:

USEPA - CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00M7S

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 77.1

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	7.6566	J	7.7821	U	25.94	30	N	P
Arsenic	75 - 125	13.1765		3.8750		10.38	90		P
Barium	75 - 125	671.9479		138.0739		518.81	103		P
Beryllium	75 - 125	12.3942		0.3062	J	12.97	93		P
Cadmium	75 - 125	12.3856		0.6485	U	12.97	95		P
Chromium	75 - 125	61.0565		9.8146		51.88	99		P
Cobalt	75 - 125	131.6193		8.3148		129.70	95		P
Copper	75 - 125	82.4957		11.1598		64.85	110		P
Lead	75 - 125	16.5506		11.8462		5.19	91		P
Mercury	75 - 125	0.6277		0.1297	U	0.65	97		CV
Manganese	75 - 125	334.5895		470.8633		129.70	-105	N	P
Nickel	75 - 125	136.9937		13.3426		129.70	95		P
Selenium	75 - 125	10.9942		4.5396	U	12.97	85		P
Silver	75 - 125	13.2293		1.2970	U	12.97	102		P
Thallium	75 - 125	11.4066		3.2425	U	12.97	88		P
Vanadium	75 - 125	148.8064		20.6782		129.70	99		P
Zinc	75 - 125	157.0367		32.4812		129.70	96		P
Cyanide	75 - 125	6.9012		3.2425	U	6.49	106		AS

Comments:

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					253000	104	252000	102
Antimony	0	585					2.6		643	110
Arsenic	0	97					1.6		104	107
Barium	2	475					2.5	125	552	116
Beryllium	0	482					-0.44		508	105
Cadmium	0	916					-0.18		992	108
Calcium	234000	234000					249000	106	246000	105
Chromium	36	506					40.3	112	536	106
Cobalt	3	455					3.4	113	500	110
Copper	15	537					17.5	117	560	104
Iron	94900	95100					101000	106	101000	106
Lead	5	51					5.4	108	56.8	111
Magnesium	249000	254000					270000	108	268000	106
Manganese	19	483					17.6	93	525	109
Nickel	10	930					12.6	126	1030	111
Potassium	0	0					16.7		19.2	
Selenium	0	51					3.9		51.8	102
Silver	0	210					0.62		216	103
Sodium	0	0					1010		924	
Thallium	0	96					-2.3		102	106
Vanadium	1	481					1.2	120	515	107
Zinc	39	975					18.6	48	1040	107

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					249000	102	251000	101
Antimony	0	585					1.2		641	110
Arsenic	0	97					0.27		105	108
Barium	2	475					2.5	125	550	116
Beryllium	0	482					-0.18		509	106
Cadmium	0	916					-0.92		995	109
Calcium	234000	234000					241000	103	247000	106
Chromium	36	506					38.7	108	537	106
Cobalt	3	455					3.1	103	500	110
Copper	15	537					16.6	111	560	1
Iron	94900	95100					99200	105	101000	106
Lead	5	51					6.2	124	56.6	111
Magnesium	249000	254000					263000	106	267000	105
Manganese	19	483					17.0	89	526	109
Nickel	10	930					12.4	124	1020	110
Potassium	0	0					17.2		16.4	
Selenium	0	51					1.4		50.0	98
Silver	0	210					0.23		217	103
Sodium	0	0					881		982	
Thallium	0	96					-0.28		101	105
Vanadium	1	481					0.89	89	516	107
Zinc	39	975					17.7	45	1040	107

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					248000	102	248000	100
Antimony	0	585					1.6		631	108
Arsenic	0	97					-0.99		102	105
Barium	2	475					2.5	125	545	115
Beryllium	0	482					-0.30		495	103
Cadmium	0	916					-0.23		968	106
Calcium	234000	234000					245000	105	241000	103
Chromium	36	506					39.3	109	523	103
Cobalt	3	455					3.3	110	488	107
Copper	15	537					17.2	115	560	104
Iron	94900	95100					99800	105	99100	104
Lead	5	51					5.8	116	55.9	110
Magnesium	249000	254000					263000	106	261000	103
Manganese	19	483					17.2	91	514	106
Nickel	10	930					12.3	123	1000	108
Potassium	0	0					16.2		19.2	
Selenium	0	51					3.6		50.1	98
Silver	0	210					0.22		212	101
Sodium	0	0					956		916	
Thallium	0	96					0.71		98.8	103
Vanadium	1	481					1.1	110	507	105
Zinc	39	975					17.8	46	1010	104

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					250000	102	248000	100
Antimony	0	585					1.5		632	108
Arsenic	0	97					0.53		104	107
Barium	2	475					2.9	145	545	115
Beryllium	0	482					-0.020		499	104
Cadmium	0	916					-0.75		979	107
Calcium	234000	234000					245000	105	244000	104
Chromium	36	506					39.5	110	530	105
Cobalt	3	455					3.5	117	492	108
Copper	15	537					16.6	111	558	1(
Iron	94900	95100					101000	106	100000	105
Lead	5	51					5.1	102	54.4	107
Magnesium	249000	254000					264000	106	263000	104
Manganese	19	483					17.3	91	519	107
Nickel	10	930					12.7	127	1010	109
Potassium	0	0					19.3		17.3	
Selenium	0	51					0.97		53.1	104
Silver	0	210					-0.019		214	102
Sodium	0	0					904		904	
Thallium	0	96					4.4		101	105
Vanadium	1	481					1.3	130	510	106
Zinc	39	975					18.5	47	1020	105

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					246000	101	247000	100
Antimony	0	585					0.72		632	108
Arsenic	0	97					1.3		103	106
Barium	2	475					2.8	140	544	115
Beryllium	0	482					0.26		494	102
Cadmium	0	916					-1.2		975	106
Calcium	234000	234000					239000	102	242000	103
Chromium	36	506					39.1	109	530	105
Cobalt	3	455					3.3	110	490	108
Copper	15	537					15.7	105	550	102
on	94900	95100					99500	105	100000	105
Lead	5	51					5.7	114	55.8	109
Magnesium	249000	254000					260000	104	262000	103
Manganese	19	483					17.0	89	518	107
Nickel	10	930					12.3	123	1010	109
Potassium	0	0					15.3		17.2	
Selenium	0	51					0.96		51.0	100
Silver	0	210					-0.13		210	100
Sodium	0	0					787		864	
Thallium	0	96					1.3		101	105
Vanadium	1	481					1.3	130	508	106
Zinc	39	975					17.9	46	1020	105

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG NO.: ME00M7

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000	247000	101	247000	100	245000	100	243000	98
Antimony	0	585	2.5		625	107	2.3		621	106
Arsenic	0	97	2.0		102	105	0.54		103	106
Barium	2	475	2.7	135	536	113	2.7	135	536	113
Beryllium	0	482	0.66		482	100	0.68		478	99
Cadmium	0	916	-0.87		957	104	-1.9		953	104
Calcium	234000	234000	244000	104	242000	103	242000	103	239000	102
Chromium	36	506	39.0	108	516	102	39.0	108	521	103
Cobalt	3	455	3.3	110	478	105	3.1	103	478	105
Copper	15	537	14.5	97	532	99	14.6	97	538	1[illegible]
Iron	94900	95100	96700	102	96900	102	99800	105	99100	104
Lead	5	51	5.5	110	56.0	110	4.1	82	53.7	105
Magnesium	249000	254000	256000	103	257000	101	259000	104	257000	101
Manganese	19	483	17.1	90	510	106	17.0	89	507	105
Nickel	10	930	12.7	127	999	107	12.3	123	996	107
Potassium	0	0	22.8		15.0		15.2		19.5	
Selenium	0	51	1.6		51.1	100	-0.21		51.3	101
Silver	0	210	-0.37		202	96	-0.68		202	96
Sodium	0	0	797		736		710		726	
Thallium	0	96	1.0		96.8	101	1.1		98.6	103
Vanadium	1	481	1.5	150	496	103	1.3	130	497	103
Zinc	39	975	18.4	47	1000	103	17.9	46	999	102

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Calcium	5000.000	U	86.3	J	5000.000	U	5000.000	U			P
Manganese	-1.100	J	-0.528	J	-0.904	J	-0.942	J			P

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			-82.400	J	-90.200	J	-88.400	J			P
Antimony			60.000	U	60.000	U	60.000	U			P
Arsenic			10.000	U	10.000	U	10.000	U			P
Barium			0.654	J	0.650	J	200.000	U			P
Beryllium			-0.384	J	-0.531	J	-0.542	J			P
Cadmium			5.000	U	5.000	U	5.000	U			P
Calcium			5000.000	U	5000.000	U	5000.000	U			P
Chromium			-0.957	J	-0.735	J	-1.130	J			P
Cobalt			50.000	U	50.000	U	50.000	U			P
Copper			1.400	J	1.520	J	0.898	J			P
Iron			100.000	U	19.200	J	100.000	U			P
Lead			10.000	U	10.000	U	10.000	U			P
Magnesium			5000.000	U	5000.000	U	5000.000	U			P
Manganese			-1.230	J	-1.230	J	-1.380	J			P
Nickel			40.000	U	40.000	U	40.000	U			P
Potassium			5000.000	U	5000.000	U	5000.000	U			P
Selenium			35.000	U	35.000	U	35.000	U			P
Silver			10.000	U	10.000	U	10.000	U			P
Sodium			330.000	J	395.000	J	339.000	J			P
Thallium			25.000	U	25.000	U	25.000	U			P
Vanadium			50.000	U	50.000	U	50.000	U			P
Zinc			60.000	U	60.000	U	-1.780	J			P

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			-93.500	J	-103.000	J	200.000	U			P
Antimony			60.000	U	60.000	U	60.000	U			P
Arsenic			10.000	U	10.000	U	10.000	U			P
Barium			200.000	U	200.000	U	1.030	J			P
Beryllium			-0.391	J	-0.535	J	5.000	U			P
Cadmium			5.000	U	5.000	U	0.445	J			P
Calcium			5000.000	U	5000.000	U	70.800	J			P
Chromium			-1.140	J	-0.912	J	10.000	U			P
Cobalt			50.000	U	50.000	U	0.529	J			P
Copper			0.758	J	0.953	J	1.560	J			P
Iron			100.000	U	100.000	U	35.800	J			P
ead			10.000	U	10.000	U	10.000	U			P
Magnesium			5000.000	U	5000.000	U	88.000	J			P
Manganese			-1.500	J	-1.450	J	-0.855	J			P
Nickel			40.000	U	-0.644	J	40.000	U			P
Potassium			5000.000	U	5000.000	U	34.200	J			P
Selenium			35.000	U	35.000	U	35.000	U			P
Silver			10.000	U	10.000	U	10.000	U			P
Sodium			298.000	J	332.000	J	313.000	J			P
Thallium			25.000	U	25.000	U	25.000	U			P
Vanadium			50.000	U	50.000	U	0.558	J			P
Zinc			-1.930	J	-1.840	J	60.000	U			P
Cyanide			10.000	U	10.000	U	-0.343	J			AS

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			-68.900	J	-63.300	J	-87.300	J			P
Antimony			60.000	U	60.000	U	60.000	U			P
Arsenic			10.000	U	10.000	U	10.000	U			P
Barium			200.000	U	200.000	U	200.000	U			P
Beryllium			5.000	U	5.000	U	-0.261	J			P
Cadmium			-0.377	J	5.000	U	5.000	U			P
Calcium			5000.000	U	5000.000	U	5000.000	U			P
Chromium			-0.925	J	-0.927	J	-0.985	J			P
Cobalt			50.000	U	50.000	U	50.000	U			P
Copper			25.000	U	25.000	U	0.640	J			P
Iron			100.000	U	100.000	U	100.000	U			P
Lead			10.000	U	10.000	U	0.903	J			P
Magnesium			5000.000	U	5000.000	U	5000.000	U			P
Mercury			-0.044	J	-0.040	J					CV
Manganese			-1.560	J	-1.300	J	-1.380	J			P
Nickel			-0.689	J	-0.615	J	40.000	U			P
Potassium			5000.000	U	24.700	J	5000.000	U			P
Selenium			35.000	U	35.000	U	35.000	U			P
Silver			10.000	U	10.000	U	10.000	U			P
Sodium			212.000	J	267.000	J	301.000	J			P
Thallium			25.000	U	25.000	U	25.000	U			P
Vanadium			50.000	U	50.000	U	50.000	U			P
Zinc			-2.380	J	-1.760	J	-1.820	J			P
Cyanide			10.000	U	-0.461	J	10.000	U			AS

3-IN
BLANKS

L Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00M7

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	-44.500	J	200.000	U	-41.900	J	200.000	U	-8.235	J	P
Antimony	60.000	U	60.000	U	60.000	U	60.000	U	6.000	U	P
Arsenic	10.000	U	10.000	U	10.000	U	10.000	U	-0.400	J	P
Barium	200.000	U	200.000	U	200.000	U	200.000	U	0.058	J	P
Beryllium	0.227	J	0.762	J	0.438	J	0.433	J	-0.046	J	P
Cadmium	5.000	U	5.000	U	-0.317	J	5.000	U	-0.095	J	P
Calcium	5000.000	U	86.300	J	5000.000	U	5000.000	U	9.341	J	P
Chromium	-0.897	J	-0.780	J	-0.926	J	-1.250	J	1.000	U	P
Cobalt	50.000	U	50.000	U	50.000	U	50.000	U	-0.096	J	P
Copper	-0.701	J	-0.816	J	-1.080	J	-0.880	J	0.102	J	P
Iron	100.000	U	100.000	U	100.000	U	100.000	U	4.069	J	P
ead	10.000	U	0.874	J	10.000	U	1.150	J	0.215	J	P
Magnesium	5000.000	U	36.200	J	5000.000	U	42.400	J	3.515	J	P
Mercury	-0.069	J	-0.049	J	-0.052	J	-0.044	J	0.100	U	CV
Manganese	-1.580	J	-0.528	J	-0.904	J	-0.942	J	-0.109	J	P
Nickel	40.000	U	40.000	U	40.000	U	40.000	U	-0.134	J	P
Potassium	5000.000	U	5000.000	U	5000.000	U	5000.000	U	2.761	J	P
Selenium	35.000	U	35.000	U	35.000	U	35.000	U	3.500	U	P
Silver	10.000	U	10.000	U	10.000	U	10.000	U	1.000	U	P
Sodium	141.000	J	145.000	J	5000.000	U	194.000	J	97.313	J	P
Thallium	25.000	U	25.000	U	25.000	U	25.000	U	-0.531	J	P
Vanadium	50.000	U	50.000	U	50.000	U	50.000	U	-0.036	J	P
Zinc	-2.100	J	-2.210	J	-2.340	J	-2.280	J	6.000	U	P
Cyanide	-0.964	J	-1.030	J	-2.020	J	-0.356	J	2.500	U	AS

COVER PAGE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No: 35607 NRAS No.: SDG No: ME00M7

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID
ME00P2	1057615
ME00P4	1057616
ME00P5	1057617
ME00P6	1057618
ME00P7	1057619

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NO
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	NO
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Paul Cvetich

Date: 8-24-06 Title: Inorganics Manager

COVER PAGE

Lab Name: COMPUCHEM Contract: 68W04011

L :ode: LIBRTY Case No: 35607 NRAS No.: SDG No: ME00M7

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID
ME00M7	1057601
ME00M7D	108856
ME00M7D	108991
ME00M7D	108995
ME00M7S	108857
ME00M7S	108992
ME00M7S	108996
ME00M8	1057602
ME00M9	1057603
ME00N0	1057604
ME00N1	1057605
ME00N2	1057606
ME00N3	1057607
ME00N4	1057608
ME00N5	1057609
ME00N6	1057610
ME00N7	1057611
ME00N8	1057612
ME00N9	1057613
ME00P1	1057614

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NO
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	NO
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Paul Cvetich

Date: 8-24-06 Title: Inorganics Manager

CompuChem
a Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

DATA REPORTING QUALIFIERS FOR INORGANICS

On Form I, under the column labeled "C" for concentration qualifier and "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each analyte.

The C (concentration) qualifiers used are:

U: This flag indicates the analyte was analyzed for but not detected. This reported value was obtained from a reading that was less than the Instrument Detection Limit (IDL). The IDL will be adjusted to reflect any dilution and, for soils, the percent moisture.

B: This flag indicates the analyte was analyzed for and the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

The Q qualifiers used are:

E: This flag indicates an estimated value. This flag is used.

1 When the serial dilution (a five fold dilution for CLP and a five fold dilution for SW-846 method 6010B) results are not within 10%. The analyte concentration must be sufficiently high (minimally a factor of 50X above the IDL in the original sample)

N: This flag indicates the sample spike recovery is outside of control limits.

*: This flag is used for duplicate analysis when the sample and the sample duplicate results are not within control limits

The extensions: D, S, SD, L. A, added to the end of the client ID represent as follows:

D: matrix duplicate
S: matrix spike
SD: matrix spike duplicate
L: serial dilution
A post digestion spike

Method Codes:

P: ICP PLASMA
CV: MERCURY COLD VAPOR AA
CA: MIDI-DISTILLATION SPECTROPHOTOMETRIC

The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Paul Cvetich
Inorganic Manager
August 24, 2006

Where

C = concentration (µg/L)

V = final volume in liters after sample preparation

W = weight in grams of wet sample

S = % solids/100

Example: Aluminum result µg/L to mg/Kg.

$$\frac{45089.77\ \mu g/L\ (C)\ \times\ 0.1\ L\ (V)}{1.00\ g\ (W)\ \times\ 0.771\ (S)} = 5848.22\ mg/Kg \text{ reported as } 5850\ mg/Kg$$

INSTRUMENTAL QUALITY CONTROL:

All calibration verification solutions (ICV & CCV & CRI), blanks (ICB, & CCB), and interference check samples (ICSA & ICSAB) associated with this data were confirmed to be within EPA CLP allowable limits, with the exception of the last ICSAB on the run. The recovery for calcium was outside of CLP limits. However, there are no corrections on arsenic due to interference from calcium.

SAMPLE PREPARATION QUALITY CONTROL:

The sample preparation procedure verifications (LCSS & PBS) were found to be within acceptable ranges and all field samples were prepared and analyzed within the contract specified holding times.

MATRIX RELATED QUALITY CONTROL:

The ICP sample matrix spike, CCN = 108992 (ME00M7S) was found to be outside CLP control limits for antimony and manganese.

The ICP sample matrix duplicate, CCN = 108991 (ME00M7D) was found to be outside CLP control limits for calcium and manganese.

The mercury sample matrix spike, CCN = 108996 (ME00M7S) was found to be inside CLP control limits.

The mercury sample matrix duplicate, CCN = 108995 (ME00M7D) was found to be inside CLP control limits.

The cyanide sample matrix spike, CCN = 108857 (ME00M7S) was found to be inside CLP control limits.

The cyanide sample matrix duplicate, CCN = 108856 (ME00M7D) was found to be inside CLP control limits.

A five-fold serial dilution of sample, CCN = 1057601 (ME00M7L) was performed in accordance with CLP requirements for ICP-MS analysis.

The adjusted sample concentrations were outside CLP control limits for magnesium and lead. The samples have been flagged with an "E" on the appropriate form I and VIII.

CLP control limits for serial dilution are defined as a deviation less than or equal to 10% in the dilution adjusted concentrations from the original values for all analyte concentrations greater than fifty (50) times their respective Method Detection Limit (MDL) in the original sample.

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501 Madison Avenue Cary, NC 27513

SDG NARRATIVE
CASE # 35607 SDG # ME00M7
CONTRACT # 68W04011

The indicated Sample Delivery Group (SDG) consisting of nineteen (19) soil samples was received August 02, 2006 intact and in good condition with Chain of Custody (COC) Records in order. The temperature of the samples upon receipt was 4.4 degrees Celsius. Temperatures were determined from the cooler temperature indicator bottle.

The samples were analyzed, in accordance with EPA CLP Statement of Work (SOW) document ILM05.3 for TAL metals and cyanide.

I certify that the tests used in this report meet all requirements of the NELAC standards unless otherwise stated in the SDG narrative or QA notice.

Sample ME00N6 was received with a cracked container lid. The sample was not compromised, and the lid was still on the container. As per the region's direction, the sample analysis proceeded.

No matrix QC sample was specified on the traffic reports, and the laboratory chose QC. The sample used by the laboratory was ME00M7.

SAMPLE IDs:
The following customer IDs are associated with this SDG:

ME00M7	ME00M8	ME00M9	ME00N0	ME00N1	ME00N2
ME00N3	ME00N4	ME00N5	ME00N6	ME00N7	ME00N8
ME00N9	ME00P1	ME00P2	ME00P4	ME00P5	ME00P6
ME00P7					

EQUATIONS FOR SOIL SAMPLE CALCULATIONS:

Client sample ME00M7 is used.

Equation for obtaining metals sample results in mg/Kg as presented on FORM I data sheets from ICP instrument acquired results in µg/L (ppb).

$$\frac{C \times V}{W \times S}$$

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

EPA

Case No:	35607
DAS No:	
SDG No:	ME00M7

L

Date Shipped:	8/1/2006
Carrier Name:	FedEx
Airbill:	832577771780
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: Bruce Everetts

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Bruce Everetts	8/1/06 1845	[illegible]	8.2.06 9:00
2			
3			
4			

For Lab Use Only

Lab Contract No:	68W04011
Unit Price:	$ 83
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00M8	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303257 (1)	X201	S: 7/31/2006 10 30	E00M8	
ME00M9	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303258 (1)	X202	S: 7/31/2006 11 00	E00M9	
ME00N0	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303259 (1)	X203	S: 7/31/2006 11 30	E00N0	
ME00N1	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303260 (1)	X204	S: 7/31/2006 12:20	E00N1	
ME00N2	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303261 (1)	X205	S: 7/31/2006 12:40	E00N2	
ME00N3	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303262 (1)	X206	S: 7/31/2006 13:20	E00N3	
ME00N4	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303263 (1)	X207	S: 7/31/2006 14.00	E00N4	
ME00N5	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303264 (1)	X208	S: 7/31/2006 15.10	E00N5	
ME00N6	Sediment/ Bruce Everetts	L/G	TM/CN (21)	5-303265 (1)	X209	S: 7/31/2006 15 30	E00N6	lid cracked 8.2.06

ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 4.4 c	Chain of Custody Seal Number: 20024
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?

TM/CN = CLP TAL Total Metals, CN & Hg

TR Number: 5-433491573-080106-0001

LABORATORY COPY

PR provides pr ary results. Requests for preliminary results will increase analytical costs.
Send Copy to ole Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center D. antilly, VA 20151-3819; Phone 703/818-4200, Fax 703/818-4602

F2V5.1

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: ME00M7

Date Shipped:	8/1/2006
Carrier Name:	FedEx
Airbill:	832577771780
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: Jamo Salch

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Jamo Salch	8/1/06 18:15	[illegible]	8-2-06 9:00
2				
3				
4				

For Lab Use Only

Lab Contract No:	68W04011
Unit Price:	# 83
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00P7	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303329 (1)	X110	S: 8/1/2006 9:15	E00P7	SDG final Sample

ORIGINAL

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: —	Additional Sampler Signature(s): —	Cooler Temperature Upon Receipt: 4.4c	Chain of Custody Seal Number: 20024
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? — Shipment Iced? —

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080106-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200, Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No.
SDG No: ME00M7

L

Date Shipped:	8/1/2006
Carrier Name:	FedEx
Airbill:	832577771780
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: James Haleb

Relinquished By	(Date / Time)	Received By	(Date / Time)
James Haleb	8/1/06 18:15	[illegible]	8-2-06 9:00
2			
3			
4			

For Lab Use Only

Lab Contract No: 68W04011
Unit Price: $8.3
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00P6	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303325 (1)	X119A	S: 8/1/2006 12:10	E00P6	[illegible]

ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 4 4 C	Chain of Custody Seal Number: 20024
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? — Shipment Iced? —

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080106-0002

LABORATORY COPY

PR provides pre ary results. Requests for preliminary results will increase analytical costs.
Send Copy to ple Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center D antilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V5.1

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

EPA

Case No: 35607
DAS No:
SDG No: ME00M7 L

Date Shipped:	8/1/2006
Carrier Name:	FedEx
Airbill:	832577771780
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
James Salch	8/1/06 18:15	[illegible]	8/2/06 8:00
2			
3			
4			

For Lab Use Only

Lab Contract No: 68W04011
Unit Price: $83
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00M7	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303296 (1)	X102	S: 7/31/2006	15:45	E00M7	Good
ME00N7	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303288 (1)	X101A	S: 8/1/2006	8:00	E00N7	
ME00N8	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303292 (1)	X101B	S: 8/1/2006	8:15	E00N8	
ME00N9	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303297 (1)	X116	S: 8/1/2006	8:00	E00N9	
ME00P0	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303301 (1)	X117	S: 8/1/2006	9:00	E00P0	Did not receive 8/8/2006
ME00P1	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303305 (1)	X118	S: 8/1/2006	11:10	E00P1	Good
ME00P2	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303309 (1)	X106	S: 8/1/2006	10:40	E00P2	
~~ME00P3~~	~~Soil/Sediment/~~ Jim Salch	~~L/G~~	~~TM/CN (21)~~	~~5-303313 (1)~~	~~X112~~	~~S: 8/1/2006~~	~~11:50~~	~~E00P3~~	Gd
ME00P4	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303317 (1)	X107	S: 8/1/2006	12:00	E00P4	
ME00P5	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303321 (1)	X119B	S: 8/1/2006	12:30	E00P5	ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 4.4 C	Chain of Custody Seal Number: 20024
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080106-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to. Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

QC EXCEPTION SUMMARY REPORT

CASE\SAS#: 25607 SITE: STATE LADA WASTE MATRIX: SOIL WATER SAMPLE SPK: —

DATA SET: MEC007 LAB: COMPUCHEM CONC: LOW WATER SAMPLE DUP: —

LAB QC # REVIEWED BY: G. CONVET SOIL SAMPLE SPK: MEC007

DATE: 9-14-06 SOIL SAMPLE DUP: "

FORM #		FORM 2	FORM 3	FORM 3	FORM 3	FORM 3	FORM 4	FORM 5	FORM 6	FORM 7	FORM 7	FORM 9	FORM 9	FORM 6	FORM 5	FIELD	FIELD	FIELD	FIELD		
ELEMENT	HOLD TIME	INITIAL CALIB	CONTIN CALIB	CALIB BLANK	PREP WATER BLANK	PREP SOIL BLANK	ICS A %R	SOIL SPIKE %R/RST	SOIL DUP RPD	LCS AQ	LCS SOIL	SERIAL DILUTION AQUEOUS	SERIAL DILUTION SOIL	AQ DUP RPD	AQ SPIKE %R	BLANK	DUP RPD	BLANK	DUP RPD	GFAA DUP	GFAA ANALYT SPIKE
ALUMINUM																					
ANTIMONY								30/94													
ARSENIC																					
BARIUM																					
BERYLLIUM			0.229				-0.249														
CADMIUM				0.195		-0.095	-0.946														
CALCIUM									SOIL DIFF > 2 CRL												
CHROMIUM																					
COBALT																					
COPPER																					
IRON																					
LEAD													13.4%								
MAGNESIUM													13.2%								
MANGANESE								-105/100	85.7												
MERCURY			-0.069																		
NICKEL																					
POTASSIUM				34.20		2.96															
SELENIUM							5.649														
SILVER																					
SODIUM			141			99.31															
THALLIUM						-0.531															
TIN																					
VANADIUM																					
ZINC																					
CYANIDE																					

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00M7
Site : ILADA WASTE COMPANY
Lab. COMPUCHEM/LIBERTY
Reviewer : S. CONNET
Date : 09/14/2006

Sample Number :	ME00P4		ME00P5		ME00P6		ME00P7			
Sampling Location :	X107		X119B		X119A		X110			
Matrix :	Soil		Soil		Soil		Soil			
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/1/2006			
Time Sampled :										
%Solids :	73.6		78.7		83.4		89.2			
Dilution Factor :	1.0		1.0		1.0		1.0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	10400		9030		11900		5110			
ANTIMONY	2.0	J-	0.28	J	0.48	J	0.37	J		
ARSENIC	7.9		5.2		6.8		3.7			
BARIUM	240		139		155		215			
BERYLLIUM	0.67	UJ	0.62	UJ	0.57	UJ	0.56	UJ		
CADMIUM	6.3		0.62	UJ	0.57	UJ	0.56	J		
CALCIUM	9290	J	2410	J	2490	J	75500	J		
CHROMIUM	1240		17.9		15.1		9.4			
COBALT	15.3		10.5		7.6		5.4	J		
COPPER	353		13.8		17.5		15.1			
IRON	25500		16800		19300		8350			
LEAD	434	J+	11.0	J	220	J	548	J		
MAGNESIUM	2620	J	2510	J	2200	J	5530	J		
MANGANESE	413	J	230	J	346	J	413	J		
MERCURY	0.11	J-	0.13	U	0.11	U	0.11	U		
NICKEL	29.1		23.2		15.0		11.4			
POTASSIUM	1650		999		882		801			
SELENIUM	0.95	J+	0.53	J+	0.62	J+	0.76	J+		
SILVER	0.33	J	1.2	U	1.1	U	1.1	U		
SODIUM	673	U	617	U	1280		561	U		
THALLIUM	3.4	U	3.1	U	2.8	U	2.8	U		
VANADIUM	24.6		28.5		32.5		17.0			
ZINC	362		49.1		44.0		82.4			
CYANIDE	3.4	U	3.2	U	3.0	U	2.8	U		

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00M7
Site : ILADA WASTE COMPANY
Lab. : COMPUCHEM/LIBERTY
Reviewer : S. CONNET
Date : 09/14/2006

Sample Number	ME00N7		ME00N8		ME00N9		ME00P1		ME00P2	
Sampling Location :	X101A		X101B		X116		X118		X106	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/1/2006		8/1/2006	
Time Sampled :										
%Solids :	83.4		80.3		80.0		79.5		82.5	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	6460		11500		7190		9870		10900	
ANTIMONY	0.23	J	0.50	J	0.30	J	0.39	J	0.31	J
ARSENIC	3.8		11.9		4.6		4.9		5.5	
BARIUM	135		264		128		142		135	
BERYLLIUM	0.55	UJ	0.62		0.63	UJ	0.59	UJ	0.58	UJ
CADMIUM	0.19	J-	0.16	J-	0.63	UJ	0.096	J-	0.32	J-
CALCIUM	2940	J	12500	J	2060	J	4090	J	2220	J
CHROMIUM	10.4		20.0		13.4		16.3		22.3	
COBALT	8.9		14.1		11.4		11.3		14.4	
COPPER	12.1		19.7		11.5		14.7		17.3	
IRON	10700		24000		14100		19900		19700	
LEAD	14.8	J	15.5	J	11.8	J	10.8	J	15.1	J
MAGNESIUM	1510	J	2640	J	1590	J	2130	J	3120	J
MANGANESE	393	J	2780	J	367	J	2310	J	675	J
MERCURY	0.13	U	0.12	U	0.13	U	0.13	U	0.12	U
NICKEL	14.3		29.8		17.5		21.4		34.0	
POTASSIUM	783		1180		733		925		1480	
SELENIUM	3.9	U	4.2	U	4.4	U	4.2	U	0.65	J+
SILVER	1.1	U	1.2	U	1.3	U	1.2	U	1.2	U
SODIUM	550	U	593	U	625	U	593	U	577	U
THALLIUM	2.8	U	0.52	J-	3.1	U	3.0	U	2.9	U
VANADIUM	20.8		34.3		25.9		29.5		30.4	
ZINC	42.0		58.7		38.4		43.2		65.4	
CYANIDE	3.0	U	3.1	U	3.1	U	3.1	U	3.0	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00M7
Site ILADA WASTE COMPANY
Lab : COMPUCHEM/LIBERTY
Reviewer : S. CONNET
Date : 09/14/2006

Sample Number :	ME00N2		ME00N3		ME00N4		ME00N5		ME00N6	
Sampling Location :	X205		X206		X207		X208		X209	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Solids :	76.6		80 1		71 0		67.9		78.4	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	7340		3070		7150		7020		10700	
ANTIMONY	0.30	J	0.25	J	0.26	J	0.61	J	0.52	J
ARSENIC	2.8		10.6		3.9		5.1		6.8	
BARIUM	110		106		295		147		92.8	
BERYLLIUM	0.63	UJ	0.58	UJ	0.65	UJ	0.74	UJ	0.60	UJ
CADMIUM	0.63	UJ	0.58	UJ	0.65	UJ	0.18	J	0.16	J
CALCIUM	2260	J	22400	J	7680	J	11600	J	23400	J
CHROMIUM	12.6		6.7		11.0		11.4		25.1	
COBALT	6.5		8.2		10.2		10.2		9.4	
COPPER	12.1		12.4		12.1		16.8		15.9	
IRON	12400		11200		14600		12300		25600	
LEAD	7.9	J	5.7	J	13.7	J	29.7	J	10.2	J
MAGNESIUM	1940	J	12800	J	1950	J	2150	J	2350	J
MANGANESE	272	J	942	J	1590	J	636	J	533	J
MERCURY	0.13	U	0.12	U	0.15	U	0.15	U	0.13	U
NICKEL	15.6		18.8		13.6		15.4		23.6	
POTASSIUM	970		583	U	1020		926		957	
SELENIUM	0.59	J+	4.1	U	4.5	U	0.53	J	0.64	J+
SILVER	1.3	U	1.2	U	1.3	U	1.5	U	1.2	U
SODIUM	628	U	583	U	646	U	736	U	602	U
THALLIUM	3.1	U	2.9	U	3.2	U	3.7	U	3.0	U
VANADIUM	22.9		19.3		25.3		23.0		29.5	
ZINC	33.9		25.2		38.8		54.3		47.0	
CYANIDE	3.3	U	3.1	U	3.5	U	3.7	U	3.2	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00M7
Site : ILADA WASTE COMPANY
Lab. : COMPUCHEM/LIBERTY
Reviewer : S. CONNET
Date : 09/14/2006

Number of Soil Samples : 19
Number of Water Samples : 0

Sample Number :	ME00M7		ME00M8		ME00M9		ME00N0		ME00N1	
Sampling Location :	X102		X201		X202		X203		X204	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Solids :	77.1		71.0		75.4		73.4		67.9	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	5850		5850		9700		5390		6260	
ANTIMONY	7.8	UJ	0.32	J	0.31	J	0.53	J	0.32	J
ARSENIC	3.9		3.8		5.7		3.6		6.5	
BARIUM	138		111		200		114		154	
BERYLLIUM	0.65	U	0.65	U	0.61	UJ	0.68	UJ	0.69	UJ
CADMIUM	0.65	U	0.65	U	0.61	UJ	0.68	UJ	0.69	UJ
CALCIUM	4580	J	7840	J	8480	J	51200	J	30300	J
CHROMIUM	9.8		9.5		17.8		14.4		21.3	
COBALT	8.3		6.7		7.0		8.9		10.6	
COPPER	11.2		11.7		15.3		16.8		13.7	
IRON	10500		10600		15500		13300		15200	
LEAD	11.8	J	12.7	J	10.8	J	13.7	J	17.7	J
MAGNESIUM	1500	J	1860	J	3100	J	8720	J	2380	J
MANGANESE	471	J	535	J	662	J	582	J	1060	J
MERCURY	0.13	U	0.15	U	0.14	U	0.13	U	0.14	U
NICKEL	13.3		11.7		14.9		14.6		15.8	
POTASSIUM	830		824		1680		768		870	
SELENIUM	4.5	U	4.5	U	4.3	U	4.8	U	4.9	U
SILVER	1.3	U	1.3	U	1.2	U	1.4	U	1.4	U
SODIUM	649	U	646	U	614	U	681	U	695	U
THALLIUM	3.2	U	3.2	U	3.1	U	3.4	U	3.5	U
VANADIUM	20.7		18.3		22.4		20.3		24.5	
ZINC	32.5		37.2		44.8		36.9		47.7	
CYANIDE	3.2	U	3.5	U	3.3	U	3.4	U	3.7	U

CADRE ILM05.3 Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Reviewed by: Stephen Connet
Date: September 14, 2006

Cobalt
ME00P7

Mercury
ME00P4

Selenium
ME00N2, ME00N5, ME00N6, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

Silver
ME00P4

Thallium
ME00N8

All data, except those qualified above, are acceptable.

Reviewed by: Stephen Connet
Date: September 14, 2006

which is not in control.

Hits are qualified "J" and non-detects are qualified "UJ".

Lead

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

Magnesium

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

The following inorganic sample results are affected by an interference check "A" sample (ICSA) for which false positive concentration values greater than the MDL were obtained. The sample contains Al, Ca, Fe, or Mg at a level comparable to the ICSA.

Hits less than 10 times the value of the ICSA are qualified "J+"; non-detects are not qualified. Hits greater than 10 times the ICSA are not qualified.

Selenium

ME00N2, ME00N6, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

The following results are affected by an interference check "A" sample (ICSA) for which false negative concentration values greater than the absolute value of the MDL were obtained. The sample contains Al, Ca, Fe or Mg at a level comparable to that of the ICSA.

Hits less than 10 times the absolute value of the ICSA are qualified "J-", non-detects are qualified "UJ". Hits greater than 10 times the ICSA are not qualified.

Beryllium

ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N6, ME00N7, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

Cadmium

ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P5, ME00P6, ME00P7

7. SAMPLE RESULTS:

The following inorganic samples have analyte concentrations reported above the method detection limit (MDL) but below the quantitation limit (CRQL).

Results are qualified "J".

Antimony

ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

Cadmium

ME00N5, ME00N6, ME00N7, ME00N8, ME00P1, ME00P2, ME00P7

Reviewed by: Stephen Connet
Date: September 14, 2006

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

The following inorganic samples are associated with a matrix spike recovery which is low (30-74%) indicating that sample results may be biased low. The required post spike was performed and results were greater than or equal to 75%.

Hits are qualified "J" and non-detects are qualified "UJ".

Antimony

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

The following inorganic samples are associated with a matrix spike recovery which is extremely low (<30%) indicating that sample results may be biased low. The required post spike was performed and results were greater than or equal to 75%.

Hits are qualified "J" and non-detects are qualified "UJ".

Manganese

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

No defects were found for the laboratory control sample.

5. LABORATORY AND FIELD DUPLICATE:

The following inorganic samples are associated with duplicate results which did not meet relative percent difference (RPD) primary criteria.

Hits are qualified "J" and non-detects are qualified "UJ".

Manganese

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

The following inorganic samples are associated with duplicate results which did not meet absolute difference (AD) primary criteria.

Hits are qualified "J" and non-detects are qualified "UJ".

Calcium

ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

No samples were identified as field duplicates.

6. ICP ANALYSIS:

The following inorganic samples are associated with an ICP serial dilution percent difference

1. HOLDING TIME:

The inorganic soil samples were reviewed for holding time violations using criteria developed for water samples. No defects were found.

2. CALIBRATIONS:

No defects were found for the calibration or the CRQL (CRI) standards.

3. BLANKS:

The following inorganic samples are associated with an ICB/CCB or preparation blank concentration which is greater than the method detection limit (MDL). The sample result is greater than the MDL.

Hits less than the CRQL are qualified "U". The sample result is raised to the CRQL. Hits greater than the CRQL but less than 5 times the blank are qualified "U" and reported at the sample value.

Beryllium
ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P6, ME00P7

Cadmium
ME00M8, ME00N0, ME00N1, ME00N3

Potassium
ME00N3

Sodium
ME00M7, ME00M8, ME00M9, ME00N0, ME00N1, ME00N2, ME00N3, ME00N4, ME00N5, ME00N6, ME00N7, ME00N8, ME00N9, ME00P1, ME00P2, ME00P4, ME00P5, ME00P7

The following inorganic samples are associated with a negative ICB/CCB or preparation blank concentration whose absolute value is greater than the method detection limit (MDL). The sample result is also greater than the MDL.

Hits less than 5 times the blank are qualified "J-".

Cadmium
ME00N5, ME00N6, ME00N7, ME00N8, ME00P1, ME00P2

Mercury
ME00P4

Thallium
ME00N8

Reviewed by: Stephen Connet
Date: September 14, 2006

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Nineteen (19) soil samples, numbered ME00M7-M9, N0-N9, P1-P2, P4-P7, were collected on July 31-August 1, 2006. The laboratory received the samples on August 2, 2006 in good condition. All samples were analyzed for metals and cyanide. All samples were analyzed using the CLP SOW ILM05.3 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) procedure.

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 9/14/06

SUBJECT: Review of Data
Received for review on 8/24/06

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data by CADRE for the following case:

SITE NAME: State Ilada Waste Company (IL)

CASE NUMBER: 35607 SDG NUMBER: ME00M7

Number and Type of Samples: 19 soils

Sample Numbers: ME00M7-M9, N0-N9, P1-P2, P4-P7

Laboratory: Compuchem/Liberty Hrs. for Review: 9.5 +2

Following are our findings:

CC: Howard Pham
Region 5 TOPO
Mail Code: SRT-4J

DATE: September 27, 2006

IEPA
Attn: Mr. Mark Wagner
1001 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

SITE NAME: State Ilada Waste Company (IL)

CASE NO.	LAB	SAMPLES	SDG	MATRIX
35607	CompuChem	19	ME00M7	soil

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 **TechLaw**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: ME 00 P8 CERCLIS No: ILD ~~050231976~~ 980497908 8-29-06 S

Case No: 35607 Site Name/Location: State Ilada Waste Company (IL)

Contractor or EPA Lab: Compuchem Data User: IEPA

No. of Samples: 16 Date Sampled or Date Received: 8-28-2006

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____
No of samples claimed: ____ No. of samples received: ____

Received by: James D. Burden Date: 8-28-2006

Received by LSSS: James D. Burden Date: 8-29-2006

Review started: 9/15/06 Reviewer Signature: Paula Zitt

Total time spent on review: 17.1 Date review completed: 9/22/06

Copied by: A.C. Harvey +3 w 9-22-06 Date: 9-25-06

Mailed to user by: Adam Johnson Date: 27 Sept 06

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Date: ____

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

L. ode: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: C2 Analysis Method: AS

Start Date: 08/15/2006 End Date: 08/15/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ME00R3	1.0	1817																								X
ME00R4	1.0	1818																								X
ME00Q7	2.0	1819																								X
ME00Q8	10.0	1820																								
ME00R1	20.0	1820																								
CRI	1.0	1821																								X
CCV	1.0	1822																								X
CCB	1.0	1823																								X
CCV	1.0	1830																								X
CCB	1.0	1831																								X
ME00Q8	50.0	1833																								X
ME00R1	50.0	1834																								X
CRI	1.0	1835																								X
V	1.0	1835																								X
CB	1.0	1836																								X

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: C2 Analysis Method: AS

Start Date: 08/15/2006 End Date: 08/15/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S200	1.0	1743																								X
S100	1.0	1743																								X
S50	1.0	1744																								X
S20	1.0	1745																								X
S10	1.0	1746																								X
S0	1.0	1746																								X
ICV	1.0	1749																								X
ICB	1.0	1750																								X
CRI	1.0	1750																								X
CCV	1.0	1751																								X
CCB	1.0	1752																								X
MIDRANGE	1.0	1754																								X
PBS	1.0	1757																								X
LCSS	1.0	1757																								X
ME00P8	1.0	1758																								X
ME00P8S	1.0	1759																								X
ME00P8D	1.0	1800																								X
ME00P9	1.0	1800																								X
ME00Q0	1.0	1801																								X
ME00Q1	1.0	1802																								X
ME00Q2	1.0	1803																								X
CCV	1.0	1804																								X
CCB	1.0	1804																								X
ME00Q3	1.0	1807																								X
ME00Q5	1.0	1807																								X
ME00Q6	1.0	1808																								X
ME00Q7	1.0	1809																								
ME00Q8	1.0	1810																								
ME00Q9	1.0	1810																								X
ME00R0	1.0	1811																								X
ME00R1	1.0	1812																								
ME00R2	1.0	1813																								X
CRI	1.0	1813																								X
CCV	1.0	1814																								X
CCB	1.0	1815																								X

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

L. ode: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: V3 Analysis Method: CV

Start Date: 08/16/2006 End Date: 08/16/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	1350															X									
ME00Q6	1.0	1352															X									
ME00Q7	1.0	1354															X									
ME00Q8	1.0	1356															X									
ME00Q9	1.0	1359															X									
ME00R0	1.0	1401															X									
ME00R1	1.0	1403															X									
ME00R2	1.0	1405															X									
ME00R3	1.0	1408															X									
ME00R4	1.0	1410															X									
CRI	1.0	1412															X									
CCV	1.0	1414															X									
CCB	1.0	1417															X									

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: V3 Analysis Method: CV

Start Date: 08/16/2006 End Date: 08/16/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.0	1231																								
ZZZZZZ	1.0	1234																								
ZZZZZZ	1.0	1236																								
ZZZZZZ	1.0	1238																								
ZZZZZZ	1.0	1240																								
ZZZZZZ	1.0	1242																								
ZZZZZZ	1.0	1245																								
ZZZZZZ	1.0	1247																								
ZZZZZZ	1.0	1249																								
ZZZZZZ	1.0	1251																								
CCV	1.0	1254															X									
CCB	1.0	1256															X									
ZZZZZZ	1.0	1258																								
ZZZZZZ	1.0	1300																								
ZZZZZZ	1.0	1302																								
ZZZZZZ	1.0	1305																								
ZZZZZZ	1.0	1307																								
ZZZZZZ	1.0	1309																								
ZZZZZZ	1.0	1311																								
ZZZZZZ	1.0	1314																								
PBS	1.0	1316															X									
CRI	1.0	1318															X									
CCV	1.0	1320															X									
CCB	1.0	1323															X									
LCSS	1.0	1325															X									
ME00P8	1.0	1327															X									
ME00P8D	1.0	1329															X									
ME00P8S	1.0	1332															X									
ME00P9	1.0	1334															X									
ME00Q0	1.0	1336															X									
ME00Q1	1.0	1338															X									
ME00Q2	1.0	1341															X									
ME00Q3	1.0	1343															X									
ME00Q5	1.0	1345															X									
CCV	1.0	1347															X									

USEPA-CLP

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: V3 Analysis Method: CV

Start Date: 08/16/2006 End Date: 08/16/2006

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1113															X									
S0.2	1.0	1115															X									
S0.5	1.0	1117															X									
S1	1.0	1119															X									
S5	1.0	1122															X									
S10	1.0	1124															X									
ICV	1.0	1127															X									
ICB	1.0	1129															X									
CRI	1.0	1131															X									
CCV	1.0	1133															X									
CCB	1.0	1136															X									
ZZZZZZ	1.0	1138																								
ZZZZZZ	1.0	1140																								
ZZZZZZ	1.0	1142																								
ZZZZZZ	1.0	1144																								
ZZZZZZ	1.0	1147																								
ZZZZZZ	1.0	1149																								
ZZZZZZ	1.0	1151																								
ZZZZZZ	1.0	1153																								
ZZZZZZ	1.0	1156																								
ZZZZZZ	1.0	1158																								
CCV	1.0	1200															X									
CCB	1.0	1202															X									
ZZZZZZ	1.0	1205																								
ZZZZZZ	1.0	1207																								
ZZZZZZ	1.0	1209																								
ZZZZZZ	1.0	1211																								
ZZZZZZ	1.0	1213																								
ZZZZZZ	1.0	1216																								
ZZZZZZ	1.0	1218																								
ZZZZZZ	1.0	1220																								
ZZZZZZ	1.0	1222																								
CRI	1.0	1225															X									
CCV	1.0	1227															X									
CCB	1.0	1229															X									

USEPA-CLP

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: P3 Analysis Method: P

Start Date: 08/23/2006 End Date: 08/23/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	2150	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA-CLP

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ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: P3 Analysis Method: P

Start Date: 08/23/2006 End Date: 08/23/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1747	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.0	1754						X		X		X		X				X		X	X		X		X	
S	1.0	1801	X						X						X				X			X				
S	1.0	1807			X	X	X				X		X			X								X		
S	1.0	1812		X																						
ICV	1.0	1819	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.0	1826	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	1833		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	1840	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	1847	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	1854	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	1901	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	1908																								
[illegible]00Q8	1.0	1915													X											
[illegible]00Q9	1.0	1922													X											
ME00R0	1.0	1929													X											
ME00R1	1.0	1936													X											
ME00R2	1.0	1943													X											
ME00R3	1.0	1950													X											
ME00R4	1.0	1957													X											
ZZZZZZ	1.0	2004																								
ZZZZZZ	1.0	2011																								
CCV	1.0	2018	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	2025	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	2032																								
ZZZZZZ	1.0	2039																								
ZZZZZZ	1.0	2046																								
ZZZZZZ	1.0	2054																								
ZZZZZZ	1.0	2101																								
ZZZZZZ	1.0	2108																								
ZZZZZZ	1.0	2115																								
CRI	1.0	2122		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	2129	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	2136	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
[illegible]CV	1.0	2143	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: P3 Analysis Method: P

Start Date: 08/22/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.0	2100	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	2107	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00Q5	10.0	2114							X																	
ZZZZZZ	1.0	2121																								
ZZZZZZ	1.0	2128																								
ZZZZZZ	1.0	2135																								
ZZZZZZ	1.0	2142																								
ZZZZZZ	1.0	2149																								
ZZZZZZ	1.0	2157																								
CRI	1.0	2204		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	2211	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	2218	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	2225	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	2232	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

USEPA-CLP

13-IN

ANALYSIS RUN LOG

Lab Name: COMPUCHEM Contract: 68W04011

L Code: LIBRTY Case No.: 35607 NRAS No.: SDG No.: ME00P8

Instrument ID: P3 Analysis Method: P

Start Date: 08/22/2006 End Date: 08/22/2006

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.0	1645	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	2.0	1652																								
ZZZZZZ	2.0	1659																								
PBS	1.0	1707	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LCSS	1.0	1714	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P8	1.0	1721	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P8D	1.0	1728	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P8S	1.0	1735		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X	
ME00P8L	5.0	1742	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME00P8A	1.0	1749		X																						
ME00P9	1.0	1756	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	1803	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	1810	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0000	1.0	1817	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0001	1.0	1824	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0002	1.0	1831	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0003	1.0	1839	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0005	1.0	1846	X		X	X				X		X			X				X			X				
ME0006	1.0	1853	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0007	1.0	1900	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.0	1907		X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.0	1914	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.0	1921	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.0	1928	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.0	1935	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ME0008	1.0	1942	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME0009	1.0	1949	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME00R0	1.0	1956	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME00R1	1.0	2004	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME00R2	1.0	2011	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME00R3	1.0	2018	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ME00R4	1.0	2025	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	2032																								
ME00P9	2.0	2046							X																	
ME0005	2.0	2053		X			X	X			X		X	X		X		X		X	X		X	X	X	

USEPA-CLP

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PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Preparation Method: DS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
ICV	08/15/2006		50
LCSS	08/15/2006	1.00	50
ME00P8	08/15/2006	1.00	50
ME00P8D	08/15/2006	1.00	50
ME00P8S	08/15/2006	1.00	50
ME00P9	08/15/2006	1.00	50
ME00Q0	08/15/2006	1.00	50
ME00Q1	08/15/2006	1.00	50
ME00Q2	08/15/2006	1.00	50
ME00Q3	08/15/2006	1.00	50
ME00Q5	08/15/2006	1.00	50
ME00Q6	08/15/2006	1.00	50
ME00Q7	08/15/2006	1.00	50
ME00Q8	08/15/2006	1.00	50
ME00Q9	08/15/2006	1.00	50
ME00R0	08/15/2006	1.00	50
ME00R1	08/15/2006	1.00	50
ME00R2	08/15/2006	1.00	50
ME00R3	08/15/2006	1.00	50
ME00R4	08/15/2006	1.00	50
MIDRANGE	08/15/2006		50
PBS	08/15/2006	1.00	50

Comments:

USEPA-CLP

12-IN

PREPARATION LOG

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
ME00R2	08/15/2006	0.21	100
ME00R3	08/15/2006	0.20	100
ME00R4	08/15/2006	0.20	100
PBS	08/15/2006	0.20	100
S0	08/15/2006		100
S0.2	08/15/2006		100
S0.5	08/15/2006		100
S1	08/15/2006		100
S10	08/15/2006		100
S5	08/15/2006		100

Comments:

USEPA-CLP

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PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
CCB	08/15/2006		100
CCB	08/15/2006		100
CCB	08/15/2006		100
CCB	08/15/2006		100
CCB	08/15/2006		100
CCB	08/15/2006		100
CCB	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CCV	08/15/2006		100
CRI	08/15/2006		100
CRI	08/15/2006		100
CRI	08/15/2006		100
CRI	08/15/2006		100
ICB	08/15/2006		100
ICV	08/15/2006		100
LCSS	08/15/2006	0.20	100
ME00P8	08/15/2006	0.20	100
ME00P8D	08/15/2006	0.20	100
ME00P8S	08/15/2006	0.20	100
ME00P9	08/15/2006	0.21	100
ME00Q0	08/15/2006	0.21	100
ME00Q1	08/15/2006	0.21	100
ME00Q2	08/15/2006	0.20	100
ME00Q3	08/15/2006	0.21	100
ME00Q5	08/15/2006	0.19	100
ME00Q6	08/15/2006	0.20	100
ME00Q7	08/15/2006	0.20	100
ME00Q8	08/15/2006	0.21	100
ME00Q9	08/15/2006	0.20	100
ME00R0	08/15/2006	0.20	100
ME00R1	08/15/2006	0.19	100

Comments:

USEPA-CLP

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PREPARATION LOG

L· Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Preparation Method: HS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	08/15/2006	1.00	100
ME00P8	08/15/2006	1.00	100
ME00P8D	08/15/2006	1.00	100
ME00P8S	08/15/2006	1.00	100
ME00P9	08/15/2006	1.03	100
ME00Q0	08/15/2006	1.07	100
ME00Q1	08/15/2006	1.07	100
ME00Q2	08/15/2006	1.09	100
ME00Q3	08/15/2006	1.09	100
ME00Q5	08/15/2006	1.01	100
ME00Q6	08/15/2006	1.07	100
ME00Q7	08/15/2006	1.04	100
ME00Q8	08/15/2006	1.03	100
ME00Q9	08/15/2006	1.08	100
ME00R0	08/15/2006	1.03	100
ME00R1	08/15/2006	1.03	100
ME00R2	08/15/2006	1.06	100
ME00R3	08/15/2006	1.00	100
ME00R4	08/15/2006	1.07	100
PBS	08/15/2006	1.00	100

Comments:

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Instrument Type: AS Instrument ID: C2 Date: 01/20/2006

Preparation Method: DS2

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

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	2.50	0.16

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METHOD DETECTION LIMITS (ANNUALLY)

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Instrument Type: AS Instrument ID: C2 Date: 01/15/2006

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Cyanide	578.00	10	0.32

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Instrument Type: CV Instrument ID: V3 Date: 01/15/2006

Preparation Method: CS1

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

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.10	0.0420

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: HS1

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

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	20.00	3.10
Antimony	206.84	6.00	0.18
Arsenic	189.04	1.00	0.32
Barium	493.41	20.00	0.047
Beryllium	313.04	0.50	0.022
Cadmium	226.50	0.50	0.011
Calcium	317.93	500.00	7.10
Chromium	267.72	1.00	0.13
Cobalt	228.62	5.00	0.033
Copper	324.75	2.50	0.083
Iron	271.44	10.00	2.30
Lead	220.35	1.00	0.11
Magnesium	279.08	500.00	0.88
Manganese	257.61	1.50	0.035
Nickel	231.60	4.00	0.092
Potassium	766.49	500.00	2.10
Selenium	196.02	3.50	0.35
Silver	328.07	1.00	0.067
Sodium	330.23	500.00	13.30
Thallium	190.86	2.50	0.40
Vanadium	292.40	5.00	0.023
Zinc	213.80	6.00	0.18

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Instrument Type: P Instrument ID: P3 Date: 01/15/2006

Preparation Method: NP1

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	200	30.9
Antimony	206.84	60	7.70
Arsenic	189.04	10	2.60
Barium	493.41	200	0.610
Beryllium	313.04	5	0.140
Cadmium	226.50	5	0.270
Calcium	317.93	5000	64.9
Chromium	267.72	10	0.70
Cobalt	228.62	50	0.49
Copper	324.75	25	0.58
Iron	271.44	100	17.7
Lead	220.35	10	0.82
Magnesium	279.08	5000	33.1
Manganese	257.61	15	0.51
Nickel	231.60	40	0.56
Potassium	766.49	5000	24.5
Selenium	196.02	35	3.20
Silver	328.07	10	1.10
Sodium	330.23	5000	118.0
Thallium	190.86	25	5.3
Vanadium	292.40	50	0.34
Zinc	213.80	60	1.70

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

ME00P8L

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	49895.15		50897.60		2		P
Antimony	2.674	J	300.000	U	100		P
Arsenic	55.734		52.337		6		P
Barium	1026.803		1033.907		1		P
Beryllium	4.402	J	6.692	J	52		P
Cadmium	0.905	J	25.000	U	100		P
Calcium	282534.90		297748.20		5		P
Chromium	109.583		115.235		5		P
Cobalt	75.976		80.734	J	6		P
Copper	161.056		158.328		2		P
Iron	104908.30		110547.60		5		P
Lead	227.54		240.73		6		P
Magnesium	31429.65		33470.92		6		P
Manganese	5186.773		5426.390		5		P
Nickel	120.806		127.097	J	5		P
Potassium	8008.02		6768.16	J	15	E	P
Selenium	35.00	U	175.00	U			P
Silver	10.000	U	50.000	U			P
Sodium	1518.62	J	1763.94	J	16		P
Thallium	25.00	U	125.00	U			P
Vanadium	158.488		163.616	J	3		P
Zinc	464.54		443.55		5		P

7 - IN
LABORATORY CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No: SDG NO.: ME00P8

Solid LCS Source: EPA

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				115.0	110.2		54.7	175.0	96
Antimony				66.0	63.9		27.6	104.0	97
Arsenic				253.0	278.3		154.0	352.0	110
Barium				1.6	1.7	J	1.0	2.2	106
Beryllium				4.9	5.3		3.0	6.8	108
Cadmium				10.9	12.0		7.7	14.0	110
Calcium				44200.0	52951.7		30300.0	58200.0	120
Chromium				27.1	30.4		18.5	35.7	112
Cobalt				37.4	40.8		24.2	50.6	109
Copper				1770.0	1721.3		1320.0	2230.0	97
Iron				6470.0	6797.1		4280.0	8660.0	105
Lead				56.9	61.2		41.4	72.4	
Magnesium				29200.0	32610.1		20500.0	37900.0	112
Mercury				3.6	3.3		1.9	5.3	92
Manganese				61.0	66.7		41.6	80.5	109
Nickel				16.3	17.5		9.0	23.7	107
Potassium				39.7	20.6	J	0.0	85.3	52
Selenium				10.0	10.8		4.1	15.9	108
Silver				5.9	5.1		2.7	9.1	86
Sodium				72.5	83.2	J	0.0	216.0	115
Thallium				9.5	9.5		2.9	16.1	100
Vanadium				17.6	18.9		11.6	23.7	107
Zinc				47.5	44.1		20.5	74.4	93
Cyanide				9.6	9.4		7.4	11.8	98

6-IN

DUPLICATES

EPA SAMPLE NO.

ME00P8D

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 62.2 % Solids for Duplicate: 61.8

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		8021.7290		7581.8190		6		P
Antimony		0.4300	J	0.3254	J	28		P
Arsenic	1.6077	8.9605		5.7414		44	*	P
Barium		165.0809		170.4047		3		P
Beryllium		0.7077	J	0.5625	J	23		P
Cadmium		0.1455	J	0.1327	J	9		P
Calcium		45423.6200		31803.7800		35	*	P
Chromium		17.6179		15.6137		12		P
Cobalt	8.0386	12.2148		9.3298		27		P
Copper		25.8932		21.8682		17		P
Iron		16866.2900		14046.0000		18		P
Lead		36.5815		29.6434		21	*	P
Magnesium		5052.9990		4846.5680		4		P
Mercury		0.1608	U	0.1608	U			CV
Manganese		833.8864		544.7780		42	*	P
Nickel	6.4309	19.4223		17.2579		12		P
Potassium	803.8585	1287.4620		1194.0790		8		P
Selenium		5.6270	U	5.6270	U			P
Silver		1.6077	U	1.6077	U			P
Sodium		244.1513	J	238.8330	J	2		P
Thallium		4.0193	U	4.0193	U			P
Vanadium	8.0386	25.4803		23.0105		10		P
Zinc		74.6848		64.8731		14		P
Cyanide		0.2769	J	4.0193	U	200		AS

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00P8A

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		116.76		2.67	J	120.0	95		P

Comments:

USEPA-CLP

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00P8S

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 62.2

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	8.3676	J	0.4300	J	32.15	25	N	P
Arsenic	75 - 125	20.6822		8.9605		12.86	91		P
Barium	75 - 125	790.8228		165.0809		643.09	97		P
Beryllium	75 - 125	15.8575		0.7077	J	16.08	94		P
Cadmium	75 - 125	15.7939		0.1455	J	16.08	97		P
Chromium	75 - 125	81.5686		17.6179		64.31	99		P
Cobalt	75 - 125	164.3302		12.2148		160.77	95		P
Copper	75 - 125	109.0304		25.8932		80.39	103		P
Lead		48.7290		36.5815		6.43	189		P
Mercury	75 - 125	0.7830		0.1608	U	0.80	98		CV
Manganese		1492.5170		833.8864		160.77	410		P
Nickel	75 - 125	173.8754		19.4223		160.77	96		P
Selenium	75 - 125	14.3631		5.6270	U	16.08	89		P
Silver	75 - 125	15.5698		1.6077	U	16.08	97		P
Thallium	75 - 125	14.4111		4.0193	U	16.08	90		P
Vanadium	75 - 125	181.1566		25.4803		160.77	97		P
Zinc	75 - 125	241.0799		74.6848		160.77	103		P
Cyanide	75 - 125	8.2426		0.2769	J	8.04	99		AS

Comments:

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000	250000	102	252000	102	248000	102	249000	100
Antimony	0	585	2.9		639	109	2.7		630	108
Arsenic	0	97	-1.3		103	106	-0.22		102	105
Barium	2	475	2.7	135	540	114	2.7	135	537	113
Beryllium	0	482	0.39		497	103	0.42		490	102
Cadmium	0	916	-1.5		980	107	-1.6		963	105
Calcium	234000	234000	243000	104	246000	105	243000	104	242000	103
Chromium	36	506	39.9	111	529	105	39.7	110	519	103
Cobalt	3	455	3.2	107	490	108	3.2	107	482	106
Copper	15	537	15.3	102	523	97	15.3	102	523	97
Iron	94900	95100	97000	102	98400	103	96700	102	96600	1
Lead	5	51	2.2	44	52.6	103	1.5	30	52.6	103
Magnesium	249000	254000	258000	104	261000	103	257000	103	257000	101
Manganese	19	483	17.6	93	525	109	17.7	93	516	107
Nickel	10	930	12.7	127	1020	110	12.7	127	999	107
Potassium	0	0	15.9		23.9		19.3		15.3	
Selenium	0	51	0.28		52.6	103	2.8		53.6	105
Silver	0	210	0.025		202	96	0.38		201	96
Sodium	0	0	752		794		787		768	
Thallium	0	96	0.85		103	107	2.2		99.7	104
Vanadium	1	481	1.2	120	507	105	1.1	110	501	104
Zinc	39	975	18.6	48	1020	105	18.3	47	1010	104

USEPA-CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

I Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					258000	106	259000	104
Antimony	0	585					2.4		664	114
Arsenic	0	97					0.77		111	114
Barium	2	475					2.7	135	531	112
Beryllium	0	482					1.2		532	110
Cadmium	0	916					-1.4		1060	116
Calcium	234000	234000					269000	115	270000	115
Chromium	36	506					42.6	118	568	112
Cobalt	3	455					3.7	123	526	116
Copper	15	537					14.3	95	510	95
on	94900	95100					105000	111	106000	111
Lead	5	51					3.1	62	57.7	113
Magnesium	249000	254000					282000	113	284000	112
Manganese	19	483					18.9	99	556	115
Nickel	10	930					14.2	142	1090	117
Potassium	0	0					27.9		24.2	
Selenium	0	51					-0.43		53.5	105
Silver	0	210					-0.15		205	98
Sodium	0	0					631		602	
Thallium	0	96					3.8		103	107
Vanadium	1	481					1.4	140	527	110
Zinc	39	975					21.2	54	1120	115

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000					259000	106	260000	105
Antimony	0	585					2.2		663	113
Arsenic	0	97					0.56		111	114
Barium	2	475					2.7	135	532	112
Beryllium	0	482					1.1		525	109
Cadmium	0	916					-1.2		1050	115
Calcium	234000	234000					269000	115	266000	114
Chromium	36	506					42.5	118	561	111
Cobalt	3	455					3.5	117	520	114
Copper	15	537					14.6	97	518	96
Iron	94900	95100					105000	111	105000	1
Lead	5	51					4.0	80	56.8	111
Magnesium	249000	254000					281000	113	281000	111
Manganese	19	483					18.9	99	549	114
Nickel	10	930					13.9	139	1080	116
Potassium	0	0					27.3		23.2	
Selenium	0	51					0.91		54.0	106
Silver	0	210					-0.20		206	98
Sodium	0	0					702		601	
Thallium	0	96					5.0		105	109
Vanadium	1	481					1.4	140	522	109
Zinc	39	975					21.2	54	1110	114

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

L]ame: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

ICP-AES Instrument ID: P3 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244000	248000	249000	102	249000	100	252000	103	253000	102
Antimony	0	585	1.4		625	107	2.4		643	110
Arsenic	0	97	-0.066		102	105	0.58		108	111
Barium	2	475	2.6	130	529	111	2.6	130	511	108
Beryllium	0	482	0.48		491	102	1.2		514	107
Cadmium	0	916	-0.26		969	106	-1.3		1030	112
Calcium	234000	234000	245000	105	244000	104	258000	110	262000	112
Chromium	36	506	39.5	110	521	103	40.9	114	549	108
Cobalt	3	455	3.2	107	486	107	3.5	117	509	112
Copper	15	537	15.0	100	527	98	14.1	94	512	95
›n	94900	95100	97000	102	97400	102	101000	106	103000	108
Lead	5	51	4.5	90	53.9	106	3.3	66	55.0	108
Magnesium	249000	254000	257000	103	257000	101	270000	108	273000	107
Manganese	19	483	17.8	94	518	107	18.2	96	538	111
Nickel	10	930	13.2	132	1010	109	13.6	136	1060	114
Potassium	0	0	18.3		21.7		17.6		22.4	
Selenium	0	51	-2.5		47.9	94	-1.1		53.3	105
Silver	0	210	0.017		204	97	-0.20		208	99
Sodium	0	0	750		753		611		657	
Thallium	0	96	1.9		99.5	104	4.5		102	106
Vanadium	1	481	1.5	150	500	104	1.4	140	511	106
Zinc	39	975	19.9	51	1010	104	20.4	52	1080	111

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: SDG NO.: ME00P8

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	-41.700	J	-31.500	J	200.000	U	200.000	U			P
Antimony	60.000	U	60.000	U	60.000	U	60.000	U			P
Arsenic	10.000	U	10.000	U	10.000	U	10.000	U			P
Barium	200.000	U	200.000	U	200.000	U	200.000	U			P
Beryllium	5.000	U	5.000	U	0.239	J	0.380	J			P
Cadmium	5.000	U	5.000	U	0.417	J	0.326	J			P
Calcium	5000.000	U	5000.000	U	5000.000	U	5000.000	U			P
Chromium	10.000	U	10.000	U	10.000	U	10.000	U			P
Cobalt	50.000	U	50.000	U	50.000	U	50.000	U			P
Copper	25.000	U	25.000	U	25.000	U	25.000	U			P
Iron	100.000	U	100.000	U	100.000	U	100.000	U			P
Lead	10.000	U	10.000	U	10.000	U	10.000	U			P
Magnesium	5000.000	U	5000.000	U	5000.000	U	5000.000	U			P
Manganese	-1.160	J	-1.150	J	-0.940	J	-0.948	J			P
Nickel	40.000	U	40.000	U	40.000	U	40.000	U			P
Potassium	5000.000	U	5000.000	U	5000.000	U	5000.000	U			P
Selenium	35.000	U	35.000	U	35.000	U	35.000	U			P
Silver	10.000	U	10.000	U	10.000	U	10.000	U			P
Sodium	255.000	J	182.000	J	210.000	J	141.000	J			P
Thallium	25.000	U	25.000	U	25.000	U	25.000	U			P
Vanadium	50.000	U	50.000	U	50.000	U	50.000	U			P
Zinc	60.000	U	60.000	U	60.000	U	60.000	U			P

3-IN
BLANKS

L Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG NO.: ME00P8

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			73.400	J							P
Antimony			60.000	U							P
Arsenic			10.000	U							P
Barium			200.000	U							P
Beryllium			1.250	J							P
Cadmium			0.391	J							P
Calcium			5000.000	U							P
Chromium			10.000	U							P
Cobalt			50.000	U							P
Copper			25.000	U							P
Iron			100.000	U							P
ead			10.000	U							P
Magnesium			5000.000	U							P
Mercury			-0.050	J							CV
Manganese			-0.825	J							P
Nickel			40.000	U							P
Potassium			5000.000	U							P
Selenium			35.000	U							P
Silver			10.000	U							P
Sodium			5000.000	U							P
Thallium			25.000	U							P
Vanadium			50.000	U							P
Zinc			60.000	U							P

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG NO.: ME00P8

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum			60.600	J	60.300	J	42.800	J			P
Antimony			60.000	U	60.000	U	60.000	U			P
Arsenic			10.000	U	10.000	U	10.000	U			P
Barium			200.000	U	200.000	U	200.000	U			P
Beryllium			1.020	J	1.010	J	0.829	J			P
Cadmium			5.000	U	5.000	U	5.000	U			P
Calcium			5000.000	U	5000.000	U	5000.000	U			P
Chromium			10.000	U	-0.747	J	10.000	U			P
Cobalt			50.000	U	50.000	U	50.000	U			P
Copper			-0.611	J	-0.640	J	25.000	U			P
Iron			100.000	U	100.000	U	100.000	U			P
Lead			10.000	U	10.000	U	10.000	U			P
Magnesium			5000.000	U	5000.000	U	5000.000	U			P
Mercury			-0.044	J	-0.040	J	-0.039	J			CV
Manganese			-0.969	J	-1.000	J	-0.941	J			P
Nickel			40.000	U	40.000	U	40.000	U			P
Potassium			5000.000	U	5000.000	U	5000.000	U			P
Selenium			35.000	U	35.000	U	35.000	U			P
Silver			10.000	U	10.000	U	10.000	U			P
Sodium			5000.000	U	5000.000	U	5000.000	U			P
Thallium			25.000	U	25.000	U	25.000	U			P
Vanadium			50.000	U	50.000	U	50.000	U			P
Zinc			60.000	U	60.000	U	60.000	U			P
Cyanide			-0.847	J	-0.767	J	-0.760	J			AS

3-IN
BLANKS

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No.: 35607 NRAS No.: _____ SDG NO.: ME00P8

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	200.000	U	51.600	J	200.000	U	57.100	J	8.217	J	P
Antimony	60.000	U	60.000	U	60.000	U	60.000	U	6.000	U	P
Arsenic	10.000	U	10.000	U	10.000	U	10.000	U	1.000	U	P
Barium	200.000	U	0.672	J	200.000	U	200.000	U	0.063	J	P
Beryllium	5.000	U	0.732	J	0.602	J	0.876	J	0.089	J	P
Cadmium	5.000	U	0.784	J	0.283	J	0.329	J	-0.049	J	P
Calcium	5000.000	U	86.300	J	5000.000	U	5000.000	U	9.685	J	P
Chromium	10.000	U	10.000	U	10.000	U	10.000	U	1.000	U	P
Cobalt	50.000	U	0.557	J	50.000	U	50.000	U	-0.076	J	P
Copper	25.000	U	25.000	U	25.000	U	25.000	U	2.500	U	P
Iron	100.000	U	32.200	J	100.000	U	100.000	U	4.275	J	P
Lead	10.000	U	10.000	U	10.000	U	1.130	J	0.256	J	P
Magnesium	5000.000	U	84.400	J	5000.000	U	5000.000	U	1.993	J	P
Mercury	-0.069	J	-0.049	J	-0.052	J	-0.044	J	0.100	U	CV
Manganese	-1.100	J	-0.528	J	-0.904	J	-0.942	J	1.500	U	P
Nickel	40.000	U	0.727	J	40.000	U	40.000	U	4.000	U	P
Potassium	5000.000	U	31.400	J	5000.000	U	5000.000	U	3.592	J	P
Selenium	35.000	U	35.000	U	35.000	U	35.000	U	3.500	U	P
Silver	10.000	U	10.000	U	10.000	U	10.000	U	-0.086	J	P
Sodium	189.000	J	169.000	J	5000.000	U	5000.000	U	67.392	J	P
Thallium	25.000	U	25.000	U	25.000	U	25.000	U	2.500	U	P
Vanadium	50.000	U	0.775	J	0.364	J	50.000	U	5.000	U	P
Zinc	60.000	U	60.000	U	60.000	U	60.000	U	6.000	U	P
Cyanide	10.000	U	-0.980	J	10.000	U	-0.377	J	2.500	U	AS

USEPA-CLP

COVER PAGE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No: 35607 NRAS No.: SDG No: ME00P8

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID
ME00R3	1058715
ME00R4	1058716

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NO
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	NO
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments: THE FOLLOWING ANALYTES HAVE BEEN FLAGGED WITH AN "E" TO INDICATE SERIAL DILUTION RESULTS WHICH ARE NOT WITHIN CONTROL LIMITS: POTASSIUM

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Thomas R. Cole Name: Thomas R. Cole

Date: August 25, 2006 Title: Data Reviewer II

AUG 2 8 2006

COVER PAGE

Lab Name: COMPUCHEM Contract: 68W04011

Lab Code: LIBRTY Case No: 35607 NRAS No.: SDG No: ME00P8

SOW No.: ILM05.3

EPA Sample No.	Lab Sample ID
ME00P8	1058701
ME00P8D	109593
ME00P8D	109497
ME00P8D	109505
ME00P8S	109594
ME00P8S	109498
ME00P8S	109506
ME00P9	1058702
ME00Q0	1058703
ME00Q1	1058704
ME00Q2	1058705
ME00Q3	1058706
ME00Q5	1058707
ME00Q6	1058708
ME00Q7	1058709
ME00Q8	1058710
ME00Q9	1058711
ME00R0	1058712
ME00R1	1058713
ME00R2	1058714

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NO
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	NO
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	NO

Comments: THE FOLLOWING ANALYTES HAVE BEEN FLAGGED WITH AN "E" TO INDICATE SERIAL DILUTION RESULTS WHICH ARE NOT WITHIN CONTROL LIMITS: POTASSIUM

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Thomas R. Cole Name: Thomas R. Cole

Date: August 25, 2006 Title: Data Reviewer II

INSTRUMENTAL QUALITY CONTROL:

All calibration verification solutions (ICV, CCV, & CRI), blanks (ICB, & CCB), and interference check samples (ICSA & ICSAB) associated with this data were confirmed to be within EPA CLP allowable limits.

SAMPLE PREPARATION QUALITY CONTROL:

The sample preparation procedure verifications (LCSS & PBS) were found to be within acceptable ranges and all field samples were prepared and analyzed within the contract specified holding times.

MATRIX RELATED QUALITY CONTROL:

The ICP sample matrix spike, CCN = 109498 (ME00P8S) was found to be outside CLP control limits for antimony. The reported concentration is flagged with an "N" on all associated Form 1 and on Form 5a.

The mercury sample matrix spike, CCN = 109506 (ME00P8S) was found to be inside CLP control limits.

The cyanide sample matrix spike, CCN = 109594 (ME00P8S) was found to be inside CLP control limits.

The ICP sample matrix duplicate, CCN = 109497 (ME00P8D) was found to be was outside CLP control limits for arsenic, calcium, lead, manganese. The reported concentrations for these analytes are flagged with a "*" on all associated Form 1 and on Form 6.

The mercury sample matrix duplicate, CCN = 109505 (ME00P8D) was found to be inside CLP control limits.

The cyanide sample matrix duplicate, CCN = 109593 (ME00P8D) was found to be inside CLP control limits.

A five-fold serial dilution of sample, CCN = 1058701 (ME00P8L) was performed in accordance with CLP requirements for ICP analysis.

The adjusted sample concentrations were outside CLP control limits for potassium, which is flagged with an "E" on all associated Form 1, the Cover Page and Form 8.

The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Thomas R. Cole
Data Reviewer II
August 25, 2006

EQUATIONS FOR SOLID SAMPLE CALCULATIONS:

Client sample ME00P8 used for illustration.

ICP Equation:

Equation for obtaining metals sample results in mg/Kg as presented on FORM I data sheets from ICP instrument acquired results in µg/L (ppb).

$$\text{Concentration (\% solids) (mg/Kg)} \quad \frac{C \times V}{W \times S} \times DF$$

Where
C = concentration (µg/L)
DF = dilution factor
V = final volume in liters after sample preparation
W = weight in grams of wet sample
S = % solids/100

Example: calcium result µg/L to mg/Kg.

$$\frac{282534.9\ \mu g/L (C) \times 0.1\ L\ (V)}{1.0\ g\ (W) \times 0.622\ (S)} \times 1\ (DF) = 45423.6\ mg/Kg \text{ reported as } 45400\ mg/Kg$$

Cyanide Equation:

Equation for obtaining cyanide sample results in mg/Kg as presented on FORM I data sheets from instrument acquired results in µg/L (ppb).

$$\frac{A \times D \times F}{B \times E}$$

Where
A = µg/L CN
B = wet weight of sample
D = dilution factor to bring sample into analysis range
E = % solids/100
F = final volume in liters (0.05 L)

Example: cyanide result µg/L to mg/Kg

$$\frac{3.444098\ \mu g/L\ (A) \times 1\ (D) \times 0.05\ L\ (F)}{1.00g\ (B) \times 0.622\ (E)} = 0.2769\ mg/Kg \text{ reported as } 0.28\ mg/Kg$$

Mercury Equation:

$$C \times \frac{WM}{WR} \times \frac{1}{S} \quad \text{WHERE CRQL (0.10 mg/kg)} \times \frac{0.2\ g}{0.2\ g} \times \frac{1}{.622} = 0.16\ mg/kg$$

CompuChem
a Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

SDG NARRATIVE
CASE # 35607 SDG # ME00P8
CONTRACT # 68W04011

The indicated Sample Delivery Group (SDG) consisting of sixteen (16) soil samples was received on August 3 and 4, 2006. The samples were intact and in good condition with Chain of Custody (COC) Records.

I certify that the tests used in this report meet all requirements of the NELAC standards unless otherwise stated in the SDG narrative or QA notice.

In the ICP raw data, "C" flags represent saturation of analyte signal and "K" flags represent an interference affecting the targeted analyte. Sample ME00Q5 analyzed with "K" and "C" flags and was diluted two-fold for the "K" flags and ten-fold for the "C" flag on calcium.

Magnesium failed in the CCV at 22:25 of 08/22/06 in the data file P30822 The affected samples were rerun for magnesium which is found in data file P30823A.

LIBRTY selected ME00P8 as QC original. The sampler did not designate a sample for QC.

SAMPLE IDs:

The following customer IDs are associated with this SDG:

ME00P8	ME00P9	ME00Q0	ME00Q1	ME00Q2	ME00Q3
ME00Q5	ME00Q6	ME00Q7	ME00Q8	ME00Q9	ME00R0
ME00R1	ME00R2	ME00R3	ME00R4		

The samples were analyzed, in accordance with EPA - CLP Statement of Work (SOW) document ILM05.3 for TAL ICP-AES total metals and mercury including cyanide.

The correlation coefficients for the mercury and cyanide analytical runs are confirmed to be $\geq$ 0.9950.

The cooler temperature bottle was present with samples and sample temperature was 3.2 and 5.4 degrees Celsius.

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

EPA

Case No:	35607
DAS No:	
SDG No:	ME00P8

L

Date Shipped:	8/3/2006
Carrier Name:	FedEx
Airbill:	857862617047
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
James Salch	8/3/06 10:40	Jean Perdie	8/4/06 905
2			
3			
4			

For Lab Use Only

Lab Contract No:	68W00401
Unit Price:	$83
Transfer To:	
Lab Contract No:	
Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00R2	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303378 (1)	X121	S: 8/3/2006	9:15	E00R2	Good
ME00R3	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303382 (1)	X120	S: 8/3/2006	9:00	E00R3	
ME00R4	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303386 (1)	X113	S: 8/3/2006	9:30	E00R4 SDG final Sample	

ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 5.4	Chain of Custody Seal Number: 22672
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? ✓

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080306-0001

LABORATORY COPY

PR provides prelimina[illegible]sults. Requests for preliminary results will increase analytical costs.
Send Copy to: Sam[illegible] anagement Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Ch[illegible], VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V5.1.047 [illegible]e 1 of 1

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: ME00P8 **L**

Date Shipped:	8/2/2006
Carrier Name:	FedEx
Airbill:	857862617025
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: James M Bolt

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 James M Bolt	8/2/06 17:30	Lisa Cain	8-3-06 8:50
2			
3			
4			

For Lab Use Only

Lab Contract No: 68W04011
Unit Price: $83
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00Q9	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303366 (1)	X215	S: 8/2/2006 12:00	E00Q9	Good
ME00R0	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303370 (1)	X216	S: 8/2/2006 13:25	E00R0	
ME00R1	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303374 (1)	X217	S: 8/2/2006 13:50	E00R1	

ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3.2 C	Chain of Custody Seal Number: 89305
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? ✓

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080206-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819, Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No.
SDG No: ME00P8

L

Date Shipped:	8/2/2006
Carrier Name:	FedEx
Airbill:	857862617025
Shipped to:	Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
James Salch	8/2/06 17:30	Lum Gum	8-3-06 8:50
2			
3			
4			

For Lab Use Only

Lab Contract No: 68W0401
Unit Price: $83
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00P8	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303333 (1)	X212	S: 8/1/2006 20:30	E00P8	
ME00P9	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303337 (1)	X210	S: 8/1/2006 19:15	E00P9	
ME00Q0	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303341 (1)	X211	S: 8/1/2006 20.00	E00Q0	
ME00Q1	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303345 (1)	X111	S: 8/2/2006 8.15	E00Q1	
ME00Q2	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303349 (1)	X104	S: 8/2/2006 9.25	E00Q2	
ME00Q3	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303353 (1)	X103	S: 8/2/2006 9:25	E00Q3	
ME00Q5	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303401 (1)	X105	S: 8/2/2006 10:00	E00Q5	
ME00Q6	Soil/Sediment/ Jim Salch	L/G	TM/CN (21)	5-303406 (1)	X108	S: 8/2/2006 11.30	E00Q6	
ME00Q7	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303358 (1)	X213	S: 8/2/2006 10 50	E00Q7	
ME00Q8	Sediment/ Jerry Willman	L/G	TM/CN (21)	5-303362 (1)	X214	S: 8/2/2006 10 50	E00Q8	ORIGINAL

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3 2 C	Chain of Custody Seal Number: 89305
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ___ Shipment Iced? ✓

TM/CN = CLP TAL Total Metals, CN

TR Number: 5-433491573-080206-0001

LABORATORY COPY

PR provides preliminar sults. Requests for preliminary results will increase analytical costs.
Send Copy to. Sam, anagement Office, Attn Heather Bauer, CSC, 15000 Conference Center Dr., Ch , VA 20151-3819; Phone 703/818-4200; Fax
703/818-4602

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00P8
Site : ILADA WASTE COMPANY
Lab : Liberty - CompuChem
Reviewer : PL
Date : 09/19/2006

Sample Number :	ME00R4									
Sampling Location :	X113									
Matrix :	Soil									
Units :	mg/Kg									
Date Sampled :	8/3/2006									
Time Sampled :										
%Solids :	82.8									
Dilution Factor :	1.0									
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	6400									
ANTIMONY	0.47	J								
ARSENIC	6.4	J-								
BARIUM	300									
BERYLLIUM	0.56	U								
CADMIUM	0.78									
CALCIUM	18900	J								
CHROMIUM	16.0									
COBALT	6.3									
COPPER	19.6									
IRON	12100									
LEAD	783									
MAGNESIUM	2380									
MANGANESE	373	J								
MERCURY	0.63									
NICKEL	15.9									
POTASSIUM	886	J								
SELENIUM	0.47	J								
SILVER	1.1	U								
SODIUM	564	U								
THALLIUM	2.8	U								
VANADIUM	36.8									
ZINC	207									
CYANIDE	9.4									

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00P8
Site ILADA WASTE COMPANY
Lab. : Liberty - CompuChem
Reviewer : PL
Date : 09/19/2006

Sample Number :	ME00Q9		ME00R0		ME00R1		ME00R2		ME00R3	
Sampling Location :	X215		X216		X217		X121		X120	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/3/2006		8/3/2006	
Time Sampled :										
%Solids :	68.3		82 2		71.3		88.6		86.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	10800		6300		7240		7140		9390	
ANTIMONY	0.61	J	0.36	J	0.32	J	0.25	J	0.41	J
ARSENIC	8.7	J-	4.8	J-	4.4	J-	4.1	J-	4.0	J-
BARIUM	137		315		107		120		106	
BERYLLIUM	0.69	J+	0.59	U	0.68	U	0.53	U	0.58	U
CADMIUM	0.030	J	0.13	U	0.68	U	0.53	U	0.58	U
CALCIUM	32800	J	41800	J	13700	J	1960	J	3310	J
CHROMIUM	16.2		21.7		11.7		10.4		13.5	
COBALT	12.5		12.2		6.7	J	6.6		7.4	
COPPER	15.3		9.1		11.1		9.6		9.6	
IRON	19700		15900		11600		11900		13600	
LEAD	17.7		10.2		14.7		9.4		11.2	
MAGNESIUM	3090		2100		2720		1360		1880	
MANGANESE	681	J	1810	J	625	J	951	J	695	J
MERCURY	0.15	U	0.12	U	0.15	U	0.11	U	0.12	U
NICKEL	21.6		23.3		13.9		13.1		13.7	
POTASSIUM	1590	J	931	J	1040	J	824	J	866	J
SELENIUM	4.7	U	4.1	U	4.8	U	3.7	U	4.1	U
SILVER	1.4	U	1.2	U	1.4	U	1.1	U	1.2	U
SODIUM	678	U	591	U	681	U	532	U	580	U
THALLIUM	3.4	U	3.0	U	3.4	U	2.7	U	2.9	U
VANADIUM	30.1		27.6		21.7		19.5		24.6	
ZINC	66.3		41.2		47.9		36.1		37.5	
CYANIDE	0.31	J	0.44	J	334		0.28	J	0.25	J

Analytical Results (Qualified Data)

Case #: 35607 SDG : ME00P8
Site : ILADA WASTE COMPANY
Lab. : Liberty - CompuChem
Reviewer : PL
Date . 09/19/2006

Sample Number :	ME00Q3		ME00Q5		ME00Q6		ME00Q7		ME00Q8	
Sampling Location .	X103		X105		X108		X213		X214	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Solids :	86.4		91.7		83.7		76.5		79.7	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	12600		4450		8300		9610		8900	
ANTIMONY	0.46	J	13.0	UJ	0.49	J	0.41	J	0.44	J
ARSENIC	6.6	J-	2.6	J-	14.0	J-	4.1	J-	5.7	J-
BARIUM	104		39.9		382		165		171	
BERYLLIUM	0.71	J+	0.54	U	0.58	J+	0.63	U	0.61	U
CADMIUM	0.53	U	0.21	J	0.11	J	0.63	U	0.85	
CALCIUM	3250	J	285000	J	20500	J	3730	J	3160	J
CHROMIUM	18.1		15.4		37.7		15.5		14.4	
COBALT	8.3		2.5	J	9.6		9.5		13.0	
COPPER	16.4		9.8		21.3		11.6		10.8	
IRON	17700		5530		14900		16500		16200	
LEAD	12.0		29.1		30.7		10.8		10.7	
MAGNESIUM	2550		15100		4240		2690		2290	
MANGANESE	315	J	112	J	491	J	164	J	171	J
MERCURY	0.11	U	0.11	U	0.12	U	0.13	U	0.12	U
NICKEL	18.6		10.1		19.4		19.2		20.8	
POTASSIUM	1020	J	652	J	1280	J	1470	J	1360	J
SELENIUM	3.7	U	7.6	U	0.45	J	4.4	U	4.3	U
SILVER	1.1	U	2.2	U	1.1	U	1.3	U	1.2	U
SODIUM	531	U	540	U	558	U	630	U	609	U
THALLIUM	2.7	U	5.4	U	2.8	U	3.1	U	3.0	U
VANADIUM	31.4		13.0		26.6		24.4		23.3	
ZINC	42.2		38.7		96.1		46.8		46.3	
CYANIDE	2.9	U	0.23	J	0.61	J	20.2		193	

Analytical Results (Qualified Data)

Case #: 35607
SDG : ME00P8
Site : ILADA WASTE COMPANY
Lab. : Liberty - CompuChem
Reviewer : PL
Date : 09/19/2006

Number of Soil Samples : 16
Number of Water Samples : 0

Sample Number :	ME00P8		ME00P9		ME00Q0		ME00Q1		ME00Q2	
Sampling Location :	X212		X210		X211		X111		X104	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Solids :	62.2		84.7		79.5		89.3		87.3	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	8020		5530		8410		5430		11700	
ANTIMONY	0.43	J	0.33	J	0.52	J	0.76	J	0.38	J
ARSENIC	9.0	J-	5.1	J-	7.2	J-	16.3	J-	5.9	J-
BARIUM	165		122		174		1770		105	
BERYLLIUM	0.8	U	0.57	U	0.59	U	0.52	U	0.64	J+
CADMIUM	0.8	U	0.57	U	0.59	U	1.2		0.53	U
CALCIUM	45400	J	105000	J	3180	J	6670	J	3960	J
CHROMIUM	17.6		11.0		16.0		14.7		17.8	
COBALT	12.2		10.5		7.4		5.4		11.2	
COPPER	25.9		11.3		10.3		57.7		15.0	
IRON	16900		13000		17400		10300		16700	
LEAD	36.6		24.7		11.2		3120		14.4	
MAGNESIUM	5050		4570		2240		1810		2320	
MANGANESE	834	J	945	J	377	J	216	J	1 266	J
MERCURY	0.16	U	0.11	U	0.12	U	0.11	U	0.11	U
NICKEL	19.4		14.6		16.2		29.2		19.3	
POTASSIUM	1290	J	848	J	1190	J	866	J	930	J
SELENIUM	5.6	U	4.0	U	4.1	U	0.45	J	3.7	U
SILVER	1.6	U	1.1	U	1.2	U	1.0	U	1.1	U
SODIUM	804	U	573	U	588	U	523	U	525	U
THALLIUM	4.0	U	2.9	U	2.9	U	2.6	U	2.6	U
VANADIUM	25.5		20.2		25.6		18.8		32.0	
ZINC	74.7		49.8		43.1		1070		39.5	
CYANIDE	0.28	J	0.20	J	0.26	J	0.52	J	0.23	J

CADRE ILM05.3 Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

ix

The following results are affected by an interference check "A" sample (ICSA) for which false negative concentration values greater than the absolute value of the MDL were obtained. The sample contains Al, Ca, Fe or Mg at a level comparable to that of the ICSA.

Hits less than 10 times the absolute value of the ICSA are qualified "J-", non-detects are qualified "UJ". Hits greater than 10 times the ICSA are not qualified.

Cadmium

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R2, ME00R3, ME00R4

7. SAMPLE RESULTS:

The following inorganic samples have analyte concentrations reported above the method detection limit (MDL) but below the quantitation limit (CRQL).

Results are qualified "J".

Antimony

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

Cadmium

ME00Q5, ME00Q6, ME00Q9, ME00R0

Cobalt

ME00Q5

Potassium

ME00Q5

Selenium

ME00Q1, ME00Q6, ME00R4

Cyanide

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q5, ME00Q6, ME00Q9, ME00R0, ME00R2, ME00R3

All data, except those qualified above, are acceptable.

ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

The following inorganic samples are associated with a matrix spike recovery which is extremely low (<30%) indicating that sample results may be biased low. The required post spike was performed and results were greater than or equal to 75%.
Hits are qualified "J" and non-detects are qualified "UJ".

Antimony
ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

No defects were found for laboratory control samples.

5. LABORATORY AND FIELD DUPLICATE:

The following inorganic samples are associated with duplicate results which did not meet relative percent difference (RPD) primary criteria.
Hits are qualified "J" and non-detects are qualified "UJ".

Arsenic
ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

Calcium
ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

Manganese
ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

No samples were identified as field duplicates.

6. ICP ANALYSIS:

The following inorganic samples are associated with an ICP serial dilution percent difference which is not in control.
Hits are qualified "J" and non-detects are qualified "UJ".

Potassium
ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

1. HOLDING TIME:

The inorganic soil samples were reviewed for holding time violations using criteria developed for water samples.

No defects were found.

2. CALIBRATIONS:

No defects were found for the calibration or the CRQL standard.

3. BLANKS:

The following inorganic samples are associated with an ICB/CCB or preparation blank concentration which is greater than the method detection limit (MDL). The sample result is greater than the MDL.

Hits less than the CRQL are qualified "U". The sample result is raised to the CRQL. Hits greater than the CRQL but less than 5 times the blank are qualified "U" and reported at the sample value.

Beryllium

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q5, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

Cadmium

ME00P8, ME00P9

Sodium

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5, ME00Q6, ME00Q7, ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3, ME00R4

The following inorganic samples are associated with a negative ICB/CCB or preparation blank concentration whose absolute value is greater than the method detection limit (MDL). The sample result is also greater than the MDL.

Hits less than 5 times the blank are qualified "J-".

Cadmium

ME00Q5, ME00Q6, ME00Q9, ME00R0

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

The following inorganic samples are associated with a matrix spike recovery which is low (30-74%) indicating that sample results may be biased low. No post spike was performed.

Hits are qualified "J-" and non-detects are qualified "UJ".

Arsenic

ME00P8, ME00P9, ME00Q0, ME00Q1, ME00Q2, ME00Q3, ME00Q5,

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Sixteen (16) soil samples, numbered ME00P8-P9, ME00Q0–Q3, ME00Q5-Q9, and ME00R0-R4, were collected on 08/01/2006 and 08/02/2006. The lab received the samples on 08/03/2006 and 08/04/2006 in good condition. All samples were analyzed for metals and cyanide. All samples were analyzed using the CLP SOW ILM05.3 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) procedure.

The percent solids value for sample ME00Q7 was determined to be incorrect. The correct value for the percent solids and sample concentration were entered into the superset and spreadsheet.

The analytical run log is missing for the ICP run on 8/22/2006 from 12:04-16:38.

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: September 21, 2006

SUBJECT: Review of Data
Received for Review on: August 28, 2006

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data by CADRE for the following case:

Site Name: State Ilada Waste Company (IL)

Case Number: 35607 SDG Number: ME00P8

Number and Type of Samples: 16 soil samples

Sample Numbers: ME00P8 – ME00P9; ME00Q0-Q3; ME00Q5-Q9; ME00R0-R1

Laboratory: CompuChem-Liberty Hrs for Review: 17.1
+3.0

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

DATE: September 27, 2006

IEPA
Attn: Mr. Mark Wagner
1001 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

SITE NAME: State Ilada Waste Company (IL)

CASE NO.	LAB	SAMPLES	SDG	MATRIX
35607	CompuChem	16	ME00P8	soil

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 **TechLaw**

SEP 29 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E00M7 CERCLIS No: ILD980497978

Case No: 35607 Site Name/Location: State Ilada Waste Company (IL)

Contractor or EPA Lab: Shealy Data User: IEPA

No. of Samples: 20 Date Sampled or Date Received. 8-29-06

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____
____ ____ ____ ____

Are basic data forms in? Yes ✓ No ____
No of samples claimed: ____ No. of samples received: ____

Received by: James Burden Date: 8-29-06

Received by LSSS: James Burden Date: 8-29-06

Review started: August 31 2006 Reviewer Signature: Allison C Harvey
+ 3.3 9-20-06
Total time spent on review: 71.5 hrs Date review completed: Sept 18, 2006

Copied by: ____ Date: ____

Mailed to user by: ____ Date: ____

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

____

____

Received by Data Mgmt. Coordinator for Files. Date: ____

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GPC Column: CO1001103052 Calibration Verification Date: 08/08/2006

GC Column: DB-35MS ID: 0.32 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	%REC	#	QC LIMITS
gamma-BHC (Lindane)	0.020	0.015	76	*	80-110
Heptachlor	0.020	0.014	71	*	80-110
Aldrin	0.020	0.013	67	*	80-110
Dieldrin	0.040	0.038	95		80-110
Endrin	0.040	0.035	88		80-110
4,4'-DDT	0.040	0.035	87		80-110

Column to be used to flag recovery outside contract required QC limits with an asterisk

THIS GPC CALIBRATION VERIDFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, LCSs, AND MS/MSDs:

	EPA SAMPLE NO.	LAB SAMPLE ID	GPC CLEANUP DATE
01	PBLK06RE	HQ43306-001	08/04/2006
02	PBLK06	HQ43306-001	08/04/2006
03	PLCS06RE	HQ43306-002	08/04/2006
04	PLCS06	HQ43306-002	08/04/2006
05	E00M7	HH01011-001	08/04/2006
06	E00M7RE	HH01011-001	08/04/2006
07	E00M8	HH01011-002	08/04/2006
08	E00M8RE	HH01011-002	08/04/2006
09	E00M9	HH01011-003	08/04/2006
10	E00M9RE	HH01011-003	08/04/2006
11	E00N1	HH01011-005	08/04/2006
12	E00N1RE	HH01011-005	08/04/2006
13	E00N2	HH01011-006	08/04/2006
14	E00N2RE	HH01011-006	08/04/2006
15	E00N3	HH01011-007	08/04/2006
16	E00N3RE	HH01011-007	08/04/2006
17	E00N4	HH01011-008	08/04/2006
18	E00N4RE	HH01011-008	08/04/2006
19	E00N5	HH01011-009	08/04/2006
20	E00N5RE	HH01011-009	08/04/2006
21	E00N6	HH01011-010	08/04/2006
22	E00N6RE	HH01011-010	08/04/2006
23			
24			
25			
26			

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GPC Column: C01001103052 Calibration Verification Date: 08/15/2006

GC Column: RTXCLP2 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	%REC	#	QC LIMITS
gamma-BHC (Lindane)	0.020	0.014	70	*	80-110
Heptachlor	0.020	0.014	70	*	80-110
Aldrin	0.020	0.013	64	*	80-110
Dieldrin	0.040	0.033	82		80-110
Endrin	0.040	0.035	89		80-110
4,4'-DDT	0.040	0.031	78	*	80-110

Column to be used to flag recovery outside contract required QC limits with an asterisk

THIS GPC CALIBRATION VERIDFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, LCSs, AND MS/MSDs:

	EPA SAMPLE NO.	LAB SAMPLE ID	GPC CLEANUP DATE
01	PBLK61	HQ43961-001	08/17/2006
02	PLCS61	HQ43961-002	08/17/2006
03	E00N7RX	HH02012-001	08/17/2006
04	E00N8RX	HH02012-002	08/17/2006
05	E00N9RX	HH02012-003	08/17/2006
06	E00P0RX	HH02012-004	08/17/2006
07	E00P1RX	HH02012-005	08/17/2006
08	E00P2RX	HH02012-006	08/17/2006
09	E00P4RX	HH02012-007	08/17/2006
10	E00P4RXDL	HH02012-007	08/17/2006
11	E00P5RX	HH02012-008	08/17/2006
12	E00P6RX	HH02012-009	08/17/2006
13	E00P7RX	HH02012-010	08/17/2006
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GC Column: RTXCLP ID: 0.32 (mm) Init. Calib. Date(s): 08/14/2006 08/14/20

EPA Sample No. (PIBLK##): PIBLK14 Date Analyzed: 08/15/2006

Lab Sample ID (PIBLK): PIBLK14 Time Analyzed: 1657

EPA Sample No. (INDC3##): INDC314 Date Analyzed: 08/15/2006

Lab Sample ID (INDC3): INDC314 Time Analyzed: 1713

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW		$\overline{CF}$	CF	% D
		FROM	TO			
alpha-BHC	5.310	5.250	5.350	262390695	445380750	69.7
gamma-BHC (Lindane)	5.670	5.620	5.720	202543493	370197650	82.8
Heptachlor	6.190	6.140	6.240	187946218	236968200	26.1
Endosulfan I	7.470	7.400	7.540	149688913	315726350	110.9
Dieldrin	7.690	7.620	7.760	165916468	306458875	84.7
Endrin	7.900	7.840	7.980	155520473	158015050	1.6
4,4'-DDD	7.940	7.870	8.010	135698565	224246150	65.3
4,4'-DDT	8.190	8.120	8.260	149839573	177919025	18.7
Methoxychlor	8.600	8.540	8.680	81822757	82468845	0.8
beta-BHC	5.780	5.730	5.830	82895603	165606000	99.8
delta-BHC	5.970	5.920	6.020	186388173	387809100	108.1
Aldrin	6.500	6.450	6.550	212991560	392383850	84.2
Heptachlor epoxide	7.100	7.030	7.170	160981035	322473600	100.3
4,4'-DDE	7.400	7.330	7.470	168480326	360866575	114.2
Endosulfan II	8.110	8.040	8.180	148475994	276507925	86.2
Endosulfan sulfate	8.870	8.800	8.940	136677964	217768225	59.3
Endrin ketone	9.120	9.050	9.190	171694190	262128425	52.7
Endrin aldehyde	8.480	8.410	8.550	121912258	224986400	84.5
alpha-Chlordane	7.340	7.270	7.410	166211945	321607450	93.5
gamma-Chlordane	7.210	7.140	7.280	165890413	325664450	96.3
TCX	4.570	4.520	4.620	222106948	146655800	-34.0
DCB	9.960	9.860	10.060	136457309	233904650	71.4

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GC Column: RTXCLP ID: 0.32 (mm) Init. Calib. Date(s): 08/14/2006 08/14/2006

EPA Sample No. (PIBLK##): PIBLK12 Date Analyzed: 08/14/2006

Lab Sample ID (PIBLK): PIBLK12 Time Analyzed: 1828

EPA Sample No. (INDC3##): INDC312 Date Analyzed: 08/14/2006

Lab Sample ID (INDC3): INDC312 Time Analyzed: 1843

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW		$\overline{CF}$	CF	% D
		FROM	TO			
alpha-BHC	5.310	5.250	5.350	262390695	429902000	63.8
gamma-BHC (Lindane)	5.680	5.620	5.720	202543493	360715750	78.1
Heptachlor	6.190	6.140	6.240	187946218	217548550	15.8
Endosulfan I	7.470	7.400	7.540	149688913	297410200	98.7
Dieldrin	7.690	7.620	7.760	165916468	255024750	53.7
Endrin	7.910	7.840	7.980	155520473	152848325	-1.7
4,4'-DDD	7.950	7.870	8.010	135698565	220648700	62.6
4,4'-DDT	8.190	8.120	8.260	149839573	170236575	13.6
Methoxychlor	8.610	8.540	8.680	81822757	79148905	-3.3
beta-BHC	5.780	5.730	5.830	82895603	160975050	94.2
delta-BHC	5.970	5.920	6.020	186388173	375879150	101.7
Aldrin	6.500	6.450	6.550	212991560	375112750	76.1
Heptachlor epoxide	7.100	7.030	7.170	160981035	307575100	91.1
4,4'-DDE	7.400	7.330	7.470	168480326	347418325	106.2
Endosulfan II	8.110	8.040	8.180	148475994	262293250	76.7
Endosulfan sulfate	8.870	8.800	8.940	136677964	202331075	48.0
Endrin ketone	9.130	9.050	9.190	171694190	241885050	40.9
Endrin aldehyde	8.490	8.410	8.550	121912258	203077300	66.6
alpha-Chlordane	7.340	7.270	7.410	166211945	308249350	85.5
gamma-Chlordane	7.220	7.140	7.280	165890413	319215400	92.4
TCX	4.580	4.520	4.620	222106948	300244000	35.2
DCB	9.960	9.860	10.060	136457309	221796750	62.5

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

AROCLOR ORGANICS ANALYSIS DATA SHEET

ALCS93

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43393-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 027F2801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/03/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/10/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	19	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	17	J
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43393-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 027B2801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/03/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/10/2006

Injection Volume: 10 (uL) GPC Factor: 10 Dilution Factor: 10

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	19	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	18	J
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

AROCLOR ORGANICS ANALYSIS DATA SHEET

ALCS07

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43307-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 016B1701

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/02/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/10/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	34	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	38	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43307-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 016F1701

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/02/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/10/2006

Injection Volume: 1.0 (uL) GPC Factor: 10 Dilution Factor: 10

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	32	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	35	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

AROCLOR METHOD BLANK SUMMARY

ABLK93

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 026F2701 Lab Sample ID: HQ43393-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) PFEX Date Extracted: 08/03/2006

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

Acid Cleanup: (Y/N) Y

Date Analyzed (1): 08/10/2006 Date Analyzed (2): 08/10/2006

Time Analyzed (1): 2002 Time Analyzed (2): 2015

Instrument ID (1): GC10 Instrument ID (2): GC10

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	ALCS93	HQ43393-002	08/10/2006	08/10/2006
02	E00N7	HH02012-001	08/10/2006	08/10/2006
03	E00N8	HH02012-002	08/10/2006	08/10/2006
04	E00N9	HH02012-003	08/10/2006	08/10/2006
05	E00N9DL	HH02012-003	08/10/2006	08/10/2006
06	E00P0	HH02012-004	08/10/2006	08/10/2006
07	E00P1	HH02012-005	08/10/2006	08/10/2006
08	E00P2	HH02012-006	08/10/2006	08/10/2006
09	E00P5	HH02012-008	08/10/2006	08/10/2006
10	E00P6	HH02012-009	08/10/2006	08/10/2006
11	E00P7	HH02012-010	08/10/2006	08/10/2006
12	E00P2DL	HH02012-006	08/11/2006	08/11/2006
13	E00P4	HH02012-007	08/11/2006	08/11/2006
14	E00P4DL	HH02012-007	08/11/2006	08/11/2006
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

AROCLOR METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 015F1601 Lab Sample ID: HQ43307-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) PFEX Date Extracted: 08/02/2006

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

Acid Cleanup: (Y/N) Y

Date Analyzed (1): 08/10/2006 Date Analyzed (2): 08/10/2006

Time Analyzed (1): 1736 Time Analyzed (2): 1749

Instrument ID (1): GC10 Instrument ID (2): GC10

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	ALCS07	HQ43307-002	08/10/2006	08/10/2006
02	E00M7	HH01011-001	08/10/2006	08/10/2006
03	E00M8	HH01011-002	08/10/2006	08/10/2006
04	E00M9	HH01011-003	08/10/2006	08/10/2006
05	E00N1	HH01011-005	08/10/2006	08/10/2006
06	E00N2	HH01011-006	08/10/2006	08/10/2006
07	E00N3	HH01011-007	08/10/2006	08/10/2006
08	E00N4	HH01011-008	08/10/2006	08/10/2006
09	E00N5	HH01011-009	08/10/2006	08/10/2006
10	E00N6	HH01011-010	08/10/2006	08/10/2006
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

ALCS93

SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43393-002 LCS Lot No.: U1810

Date Extracted: 08/03/2006 Date Analyzed (1): 08/10/2006

Instrument ID (1): GC10 GC Column (1): DB-XLB ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	19	57	50-150
AR1260	33	17	52	50-150

Instrument ID (2): GC10 GC Column (2): DB-35MS ID: 0.32 (mm)

Date Analyzed (2): 08/10/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	19	58	50-150
AR1260	33	18	55	50-150

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits

COMMENTS: _____

SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43307-002 LCS Lot No.: U1810

Date Extracted: 08/02/2006 Date Analyzed (1): 08/10/2006

Instrument ID (1): GC10 GC Column (1): DB-XLB ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	32	97	50-150
AR1260	33	35	106	50-150

Instrument ID (2): GC10 GC Column (2): DB-35MS ID: 0.32 (mm)

Date Analyzed (2): 08/10/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	34	102	50-150
AR1260	33	38	114	50-150

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits

COMMENTS: _____

2R - FORM II ARC-1
SOIL AROCLOR SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	ABLK07	126	126	121	120			0
02	ALCS07	131	131	126	126			0
03	E00M7	112	119	116	110			0
04	E00M8	82	84	99	97			0
05	E00M9	45	44	56	55			0
06	E00N1	43	43	39	39			0
07	E00N2	51	49	69	69			0
08	E00N3	104	104	104	105			0
09	E00N4	47	46	54	55			0
10	E00N5	49	49	58	57			0
11	E00N6	52	56	53	54			0
12	ABLK93	99	98	89	90			0
13	ALCS93	74	73	67	68			0
14	E00N7	69	70	72	74			0
15	E00N8	95	105	103	101			0
16	E00N9	79	90	85	84			0
17	E00N9DL	79	89	81	78			0
18	E00P0	83	92	82	77			0
19	E00P1	42	46	52	51			0
20	E00P2	81	95	90	89			0
21	E00P2DL	80	106	95	50			0
22	E00P4	185 D	91	180 D	106			0
23	E00P4DL	296 D	666 D	126	108			0
24	E00P5	36	41	51	46			0
25	E00P6	80	85	78	78			0
26	E00P7	86	97	98	96			0
27								
28								
29								
30								

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

SOM01.1 (5/2005)

PLCS92RE

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43392-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 017B1901

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/03/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/15/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	0.63	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	0.75	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	1.4	J P
72-55-9	4,4'-DDE	1.5	J P
72-20-8	Endrin	0.85	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	0.96	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	0.72	J P
8001-35-2	Toxaphene	170	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS92RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43392-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 017F1901

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/03/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/15/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	0.45	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	0.48	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	0.97	J P
72-55-9	4,4'-DDE	0.84	J P
72-20-8	Endrin	1.1	J P
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	0.83	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	0.52	J P
8001-35-2	Toxaphene	170	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS92

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43392-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 030B3101

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/03/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/14/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	0.56	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	0.68	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	1.0	J P
72-55-9	4,4'-DDE	1.2	J P
72-20-8	Endrin	1.0	J P
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	0.92	J P
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	0.61	J P
8001-35-2	Toxaphene	170	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.: PLCS92

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43392-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 030F3101

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/03/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/14/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7 ~~0.35~~	J P µ
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7 ~~0.39~~	J P µ
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3 ~~0.72~~	J P µ
72-55-9	4,4'-DDE	3.3 ~~0.63~~	J P µ
72-20-8	Endrin	0.80	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3 ~~0.62~~	J P µ
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7 ~~0.40~~	J P µ
8001-35-2	Toxaphene	170	U

SOM01.1 (5/2005)

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS61

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43961-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004B0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/16/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/2006

Injection Volume: 10 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.0	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.2	J
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.3	J
72-55-9	4,4'-DDE	2.0	J
72-20-8	Endrin	2.3	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	2.0	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 ~~3.1~~	~~J~~ U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.1	J
8001-35-2	Toxaphene	170	U

ACH 9-7-06

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS61

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43961-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004F0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/16/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/23/2006

Injection Volume: 10 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.1	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.2	J
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.4	J
72-55-9	4,4'-DDE	2.2	J
72-20-8	Endrin	2.6	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	2.3	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 ~~3.7~~	~~U~~
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.3	J
8001-35-2	Toxaphene	170	U

ack 9-7-06

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS06RE

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43306-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004B0601

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/02/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/15/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.3	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.6	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.7	J
72-55-9	4,4'-DDE	3.2	J P
72-20-8	Endrin	2.2	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	2.0	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.6	J P
8001-35-2	Toxaphene	170	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS06RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43306-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004F0601

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/02/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/15/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	0.98	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.1	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.2	J
72-55-9	4,4'-DDE	2.0	J P
72-20-8	Endrin	2.5	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	1.9	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.1	J P
8001-35-2	Toxaphene	170	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS06

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43306-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 017B1801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/02/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/14/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.1	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.1	J
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.3	J
72-55-9	4,4'-DDE	2.2	J
72-20-8	Endrin	2.3	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	2.0	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 ~~0.32~~	J P
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.2	J
8001-35-2	Toxaphene	170	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE ID:
PLCS06

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43306-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 017F1801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/02/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/14/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

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CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.0	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.1	J
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.3	J
72-55-9	4,4'-DDE	2.1	J
72-20-8	Endrin	2.5	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	1.9	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 ~~0.20~~	J PU
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.0	J
8001-35-2	Toxaphene	170	U

PESTICIDE METHOD BLANK SUMMARY

PBLK92RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 016F1801 Lab Sample ID: HQ43392-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/03/2006

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

Date Analyzed (1): 08/15/2006 Date Analyzed (2): 08/15/2006

Time Analyzed (1): 1308 Time Analyzed (2): 1323

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

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9-7-06

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
* 01	PLCS92RE	HQ43392-002	08/15/2006	08/15/2006
~~02~~	~~PLCS92~~	~~HQ43392-002~~	~~08/14/2006~~	~~08/14/2006~~
~~03~~	~~E00N7~~	~~HH02012-001~~	~~08/14/2006~~	~~08/14/2006~~
* 04	E00N7RE	HH02012-001	08/15/2006	08/15/2006
~~05~~	~~E00N8~~	~~HH02012-002~~	~~08/14/2006~~	~~08/14/2006~~
* 06	E00N8RE	HH02012-002	08/15/2006	08/15/2006
~~07~~	~~E00N9~~	~~HH02012-003~~	~~08/14/2006~~	~~08/14/2006~~
* 08	E00N9RE	HH02012-003	08/15/2006	08/15/2006
~~09~~	~~E00P0~~	~~HH02012-004~~	~~08/14/2006~~	~~08/14/2006~~
* 10	E00P0RE	HH02012-004	08/15/2006	08/15/2006
~~11~~	~~E00P1~~	~~HH02012-005~~	~~08/14/2006~~	~~08/14/2006~~
* 12	E00P1RE	HH02012-005	08/15/2006	08/15/2006
~~13~~	~~E00P2~~	~~HH02012-006~~	~~08/14/2006~~	~~08/14/2006~~
* 14	E00P2RE	HH02012-006	08/15/2006	08/15/2006
* 15	E00P2REDL	HH02012-006	08/15/2006	08/15/2006
~~16~~	~~E00P4~~	~~HH02012-007~~	~~08/14/2006~~	~~08/14/2006~~
* 17	E00P4RE	HH02012-007	08/15/2006	08/15/2006
* 18	E00P4REDL	HH02012-007	08/15/2006	08/15/2006
~~19~~	~~E00P5~~	~~HH02012-008~~	08/14/2006	~~08/14/2006~~
* 20	E00P5RE	HH02012-008	08/15/2006	08/15/2006
~~21~~	~~E00P6~~	~~HH02012-009~~	08/14/2006	~~08/14/2006~~
* 22	E00P6RE	HH02012-009	08/15/2006	08/15/2006
~~23~~	~~E00P7~~	~~HH02012-010~~	~~08/14/2006~~	~~08/14/2006~~
* 24	E00P7RE	HH02012-010	08/15/2006	08/15/2006
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

PBLK92

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 029F3001 Lab Sample ID: HQ43392-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/03/2006

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

Date Analyzed (1): 08/14/2006 Date Analyzed (2): 08/14/2006

Time Analyzed (1): 1510 Time Analyzed (2): 1525

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
~~01~~	~~PLCS92RE~~	~~HQ43392-002~~	~~08/15/2006~~	~~08/15/2006~~
* 02	PLCS92	HQ43392-002	08/14/2006	08/14/2006
* 03	E00N7	HH02012-001	08/14/2006	08/14/2006
~~04~~	~~E00N7RE~~	~~HH02012-001~~	~~08/15/2006~~	~~08/15/2006~~
* 05	E00N8	HH02012-002	08/14/2006	08/14/2006
~~06~~	~~E00N8RE~~	~~HH02012-002~~	~~08/15/2006~~	~~08/15/2006~~
* 07	E00N9	HH02012-003	08/14/2006	08/14/2006
~~08~~	~~E00N9RE~~	~~HH02012-003~~	~~08/15/2006~~	~~08/15/2006~~
* 09	E00P0	HH02012-004	08/14/2006	08/14/2006
~~10~~	~~E00P0RE~~	~~HH02012-004~~	~~08/15/2006~~	~~08/15/2006~~
* 11	E00P1	HH02012-005	08/14/2006	08/14/2006
~~12~~	~~E00P1RE~~	~~HH02012-005~~	~~08/15/2006~~	~~08/15/2006~~
* 13	E00P2	HH02012-006	08/14/2006	08/14/2006
~~14~~	~~E00P2RE~~	~~HH02012-006~~	~~08/15/2006~~	~~08/15/2006~~
~~15~~	~~E00P2REDL~~	~~HH02012-006~~	~~08/15/2006~~	~~08/15/2006~~
* 16	E00P4	HH02012-007	08/14/2006	08/14/2006
~~17~~	~~E00P4RE~~	~~HH02012-007~~	~~08/15/2006~~	~~08/15/2006~~
~~18~~	~~E00P4REDL~~	~~HH02012-007~~	~~08/15/2006~~	~~08/15/2006~~
* 19	E00P5	HH02012-008	08/14/2006	08/14/2006
~~20~~	~~E00P5RE~~	~~HH02012-008~~	~~08/15/2006~~	~~08/15/2006~~
* 21	E00P6	HH02012-009	08/14/2006	08/14/2006
~~22~~	~~E00P6RE~~	~~HH02012-009~~	~~08/15/2006~~	~~08/15/2006~~
* 23	E00P7	HH02012-010	08/14/2006	08/14/2006
~~24~~	~~E00P7RE~~	~~HH02012-010~~	~~08/15/2006~~	~~08/15/2006~~
25				
26				

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COMMENTS: _____

SOM01.1 (5/2005)

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

PBLK61

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 003F0401 Lab Sample ID: HQ43961-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/16/2006

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

Date Analyzed (1): 08/23/2006 Date Analyzed (2): 08/23/2006

Time Analyzed (1): 0839 Time Analyzed (2): 0904

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	PLCS61	HQ43961-002	08/23/2006	08/23/2006
02	E00N7RX	HH02012-001	08/23/2006	08/23/2006
03	E00N8RX	HH02012-002	08/23/2006	08/23/2006
04	E00N9RX	HH02012-003	08/23/2006	08/23/2006
05	E00P0RX	HH02012-004	08/23/2006	08/23/2006
06	E00P1RX	HH02012-005	08/23/2006	08/23/2006
07	E00P2RX	HH02012-006	08/23/2006	08/23/2006
08	E00P4RX	HH02012-007	08/23/2006	08/23/2006
09	E00P4RXDL	HH02012-007	08/23/2006	08/23/2006
10	E00P5RX	HH02012-008	08/23/2006	08/23/2006
11	E00P6RX	HH02012-009	08/23/2006	08/23/2006
12	E00P7RX	HH02012-010	08/23/2006	08/23/2006
13				
14				
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21				
22				
23				
24				
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.
PBLK06RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 003F0501 Lab Sample ID: HQ43306-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/02/2006

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

Date Analyzed (1): 08/15/2006 Date Analyzed (2): 08/15/2006

Time Analyzed (1): 0927 Time Analyzed (2): 0942

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
* 01	PLCS06RE	HQ43306-002	08/15/2006	08/15/2006
~~02~~	~~PLCS06~~	~~HQ43306-002~~	~~08/14/2006~~	~~08/14/2006~~
~~03~~	~~E00M7~~	~~HH01011-001~~	~~08/14/2006~~	~~08/14/2006~~
* 04	E00M7RE	HH01011-001	08/15/2006	08/15/2006
~~05~~	~~E00M8~~	~~HH01011-002~~	~~08/14/2006~~	~~08/14/2006~~
* 06	E00M8RE	HH01011-002	08/15/2006	08/15/2006
~~07~~	~~E00M9~~	~~HH01011-003~~	~~08/14/2006~~	~~08/14/2006~~
* 08	E00M9RE	HH01011-003	08/15/2006	08/15/2006
~~09~~	~~E00N1~~	~~HH01011-005~~	~~08/14/2006~~	~~08/14/2006~~
* 10	E00N1RE	HH01011-005	08/15/2006	08/15/2006
~~11~~	~~E00N2~~	~~HH01011-006~~	~~08/14/2006~~	~~08/14/2006~~
* 12	E00N2RE	HH01011-006	08/15/2006	08/15/2006
~~13~~	~~E00N3~~	~~HH01011-007~~	~~08/14/2006~~	~~08/14/2006~~
* 14	E00N3RE	HH01011-007	08/15/2006	08/15/2006
~~15~~	~~E00N4~~	~~HH01011-008~~	~~08/14/2006~~	~~08/14/2006~~
* 16	E00N4RE	HH01011-008	08/15/2006	08/15/2006
~~17~~	~~E00N5~~	~~HH01011-009~~	~~08/14/2006~~	~~08/14/2006~~
* 18	E00N5RE	HH01011-009	08/15/2006	08/15/2006
~~19~~	~~E00N6~~	~~HH01011-010~~	~~08/14/2006~~	~~08/14/2006~~
* 20	E00N6RE	HH01011-010	08/15/2006	08/15/2006
21				
22				
23				
24				
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COMMENTS: _____

SOM01.1 (5/2005)

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

PBLK06

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 016F1701 Lab Sample ID: HQ43306-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/02/2006

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

Date Analyzed (1): 08/14/2006 Date Analyzed (2): 08/14/2006

Time Analyzed (1): 1151 Time Analyzed (2): 1207

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	~~PLCS06RE~~	~~HQ43306-002~~	~~08/15/2006~~	08/15/2006
* 02	PLCS06	HQ43306-002	08/14/2006	08/14/2006
* 03	E00M7	HH01011-001	08/14/2006	08/14/2006
04	~~E00M7RE~~	~~HH01011-001~~	~~08/15/2006~~	~~08/15/2006~~
* 05	E00M8	HH01011-002	08/14/2006	08/14/2006
06	~~E00M8RE~~	~~HH01011-002~~	~~08/15/2006~~	~~08/15/2006~~
* 07	E00M9	HH01011-003	08/14/2006	08/14/2006
08	~~E00M9RE~~	~~HH01011-003~~	~~08/15/2006~~	~~08/15/2006~~
* 09	E00N1	HH01011-005	08/14/2006	08/14/2006
10	~~E00N1RE~~	~~HH01011-005~~	~~08/15/2006~~	~~08/15/2006~~
* 11	E00N2	HH01011-006	08/14/2006	08/14/2006
12	~~E00N2RE~~	~~HH01011-006~~	~~08/15/2006~~	~~08/15/2006~~
* 13	E00N3	HH01011-007	08/14/2006	08/14/2006
14	~~E00N3RE~~	~~HH01011-007~~	~~08/15/2006~~	~~08/15/2006~~
* 15	E00N4	HH01011-008	08/14/2006	08/14/2006
16	~~E00N4RE~~	~~HH01011-008~~	08/15/2006	08/15/2006
* 17	E00N5	HH01011-009	08/14/2006	08/14/2006
18	~~E00N5RE~~	~~HH01011-009~~	08/15/2006	~~08/15/2006~~
* 19	E00N6	HH01011-010	08/14/2006	08/14/2006
20	~~E00N6RE~~	~~HH01011-010~~	~~08/15/2006~~	~~08/15/2006~~
21				
22				
23				
24				
25				
26				

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COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

PLCS61

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43961-002 LCS Lot No.: _____

Date Extracted: 08/16/2006 Date Analyzed (1): 08/23/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.1	65	50-120
Heptachlor epoxide	1.7	1.2	70	50-150
Dieldrin	3.3	2.4	72	30-130
4,4'-DDE	3.3	2.2	65	50-150
Endrin	3.3	2.6	77	50-120
Endosulfan sulfate	3.3	2.3	70	50-120
gamma-Chlordane	1.7	1.3	78	30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/23/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.0	62	50-120
Heptachlor epoxide	1.7	1.2	70	50-150
Dieldrin	3.3	2.3	69	30-130
4,4'-DDE	3.3	2.0	59	50-150
Endrin	3.3	2.3	69	50-120
Endosulfan sulfate	3.3	2.0	60	50-120
gamma-Chlordane	1.7	1.1	68	30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 14 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

PLCS92RE

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43392-002 LCS Lot No.: _____

Date Extracted: 08/03/2006 Date Analyzed (1): 08/15/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.45	27	*	50-120
Heptachlor epoxide	1.7	0.48	29	*	50-150
Dieldrin	3.3	0.97	29	*	30-130
4,4'-DDE	3.3	0.84	25	*	50-150
Endrin	3.3	1.1	32	*	50-120
Endosulfan sulfate	3.3	0.83	25	*	50-120
gamma-Chlordane	1.7	0.52	31		30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/15/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.63	38	*	50-120
Heptachlor epoxide	1.7	0.75	45	*	50-150
Dieldrin	3.3	1.4	42		30-130
4,4'-DDE	3.3	1.5	44	*	50-150
Endrin	3.3	0.85	26	*	50-120
Endosulfan sulfate	3.3	0.96	29	*	50-120
gamma-Chlordane	1.7	0.72	43		30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 11 out of 14 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

PLCS92

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43392-002 LCS Lot No.: _____

Date Extracted: 08/03/2006 Date Analyzed (1): 08/14/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.35	21	*	50-120
Heptachlor epoxide	1.7	0.39	23	*	50-150
Dieldrin	3.3	0.72	22	*	30-130
4,4'-DDE	3.3	0.63	19	*	50-150
Endrin	3.3	0.80	24	*	50-120
Endosulfan sulfate	3.3	0.62	19	*	50-120
gamma-Chlordane	1.7	0.40	24	*	30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/14/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.56	34	*	50-120
Heptachlor epoxide	1.7	0.68	41	*	50-150
Dieldrin	3.3	1.0	31		30-130
4,4'-DDE	3.3	1.2	37	*	50-150
Endrin	3.3	1.0	31	*	50-120
Endosulfan sulfate	3.3	0.92	28	*	50-120
gamma-Chlordane	1.7	0.61	37		30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 12 out of 14 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

PLCS06RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43306-002 LCS Lot No.: _____

Date Extracted: 08/02/2006 Date Analyzed (1): 08/15/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	0.98	59	50-120
Heptachlor epoxide	1.7	1.1	64	50-150
Dieldrin	3.3	2.2	65	30-130
4,4'-DDE	3.3	2.0	61	50-150
Endrin	3.3	2.5	75	50-120
Endosulfan sulfate	3.3	1.9	56	50-120
gamma-Chlordane	1.7	1.1	66	30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/15/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.3	81	50-120
Heptachlor epoxide	1.7	1.6	94	50-150
Dieldrin	3.3	2.7	80	30-130
4,4'-DDE	3.3	3.2	97	50-150
Endrin	3.3	2.2	66	50-120
Endosulfan sulfate	3.3	2.0	61	50-120
gamma-Chlordane	1.7	1.6	96	30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 14 outside limits

COMMENTS: _____

EPA SAMPLE NO.

PLCS06

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab Sample ID: HQ43306-002 LCS Lot No.: _____

Date Extracted: 08/02/2006 Date Analyzed (1): 08/14/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.0	61	50-120
Heptachlor epoxide	1.7	1.1	65	50-150
Dieldrin	3.3	2.3	70	30-130
4,4'-DDE	3.3	2.1	64	50-150
Endrin	3.3	2.5	75	50-120
Endosulfan sulfate	3.3	1.9	58	50-120
gamma-Chlordane	1.7	1.0	62	30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/14/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.1	64	50-120
Heptachlor epoxide	1.7	1.1	68	50-150
Dieldrin	3.3	2.3	68	30-130
4,4'-DDE	3.3	2.2	66	50-150
Endrin	3.3	2.3	70	50-120
Endosulfan sulfate	3.3	2.0	59	50-120
gamma-Chlordane	1.7	1.2	75	30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 14 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

2F - FORM II PEST-2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK06RE	73		43		79		98				0
02	PBLK06	79		47		87		71				0
03	PLCS06RE	88		109		95		121				0
04	PLCS06	90		109		99		83				0
05	E00M7	72		87		87		125				0
06	E00M7RE	71		86		83		133				0
07	E00M8	71		96		73		83				0
08	E00M8RE	77		43		78		69				0
09	E00M9	25	*	30		36		38				1
10	E00M9RE	23	*	29	*	34		53				2
11	E00N1	56		72		51		73				0
12	E00N1RE	55		26	*	48		78				1
13	E00N2	65		31		75		83				0
14	E00N2RE	60		27	*	67		107				1
15	E00N3	97		121		105		140				0
16	E00N3RE	94		114		100		157	*			1
17	E00N4	52		28	*	64		81				1
18	E00N4RE	48		61		55		91				0
19	E00N5	82		97		96		137				0
20	E00N5RE	80		102		97		156	*			1
21	E00N6	75		44		81		121				0
22	E00N6RE	72		41		80		134				0
23	PBLK92RE	38		51		32		56				0
24	PBLK92	39		53		35		51				0
25	PLCS92RE	38		49		38		55				0
26	PLCS92	32		47		28	*	46				1
27	E00N7	19	*	12	*	17	*	20	*			4
28	E00N7RE	19	*	24	*	17	*	30				3
29	PBLK61	60		56		59		52				0
30	PLCS61	94		85		94		71				0

2P - FORM II PEST-2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0 32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	E00N7RX	101		93		94		81				0
02	E00N8	63		84		62		110				0
03	E00N8RE	63		79		63		105				0
04	E00N8RX	69		66		75		72				0
05	E00N9	65		88		77		123				0
06	E00N9RE	64		35		74		123				0
07	E00N9RX	77		66		85		85				0
08	E00P0	63		85		59		96				0
09	E00P0RE	62		79		67		103				0
10	E00P0RX	92		89		87		100				0
11	E00P1	39		53		63		82				0
12	E00P1RE	38		50		61		79				0
13	E00P1RX	81		81		93		82				0
14	E00P2	70		123		8	*	8	*			2
15	E00P2RE	63		119		88		182	*			1
16	E00P2REDL	71		125		249	D	270	D			0
17	E00P2RX	71		83		84		63				0
18	E00P4RX	1055	D	77		183	D	347	D			0
19	E00P4RXDL	915	D	100		224	D	615	D			0
20	E00P4	0	*	579	*	79		978	*			3
21	E00P4RE	248	D	57		87		93				0
22	E00P4REDL	6534	D	2049	D	1902	D	4857	D			0
23	E00P5	46		74		108		161	*			1
24	E00P5RE	46		69		49		97				0
25	E00P5RX	81		83		92		105				0
26	E00P6	70		101		83		136				0
27	E00P6RE	76		35		82		131				0
28	E00P6RX	73		69		95		107				0
29	E00P7	79		109		107		168	*			1
30	E00P7RE	78		103		96		151	*			1
31	E00P7RX	74		73		93		120				0
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SEMIVOLATILE METHOD BLANK SUMMARY

SBLK79

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 082219 Lab Sample ID: HQ43679-001

Instrument ID: MSD7 Date Extracted: 08/10/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/22/2006

Level: (LOW/MED) LOW Time Analyzed: 1411

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00N8	HH02012-002	082220	08/22/2006
02	E00N9	HH02012-003	082221	08/22/2006
03				
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COMMENTS: _____

SOM01.1 (5/2005)

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
SBLK55

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 0821C18 Lab Sample ID: HQ43355-001

Instrument ID: MSD7 Date Extracted: 08/03/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/21/2006

Level: (LOW/MED) LOW Time Analyzed: 2334

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00N7	HH02012-001	082205	08/22/2006
02	E00P0	HH02012-004	0821C19	08/22/2006
03	E00P1	HH02012-005	0821C21	08/22/2006
04	E00P2	HH02012-006	0821C22	08/22/2006
05	E00P4	HH02012-007	0821C23	08/22/2006
06	E00P6	HH02012-009	0821C20	08/22/2006
07	E00P7	HH02012-010	0821C24	08/22/2006
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COMMENTS: _____

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK66

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 082222 Lab Sample ID: HQ43566-001

Instrument ID: MSD7 Date Extracted: 08/08/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/22/2006

Level: (LOW/MED) LOW Time Analyzed: 1538

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00N6	HH01011-010	082209	08/22/2006
02	E00P5	HH02012-008	082210	08/22/2006
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COMMENTS: _____

936 of 3578

EPA SAMPLE NO.

SBLK94

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 0821C03 Lab Sample ID: HQ43394-001

Instrument ID: MSD7 Date Extracted: 08/03/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/21/2006

Level: (LOW/MED) LOW Time Analyzed: 1628

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00N6ME	HH01011-010	0821C07	08/21/2006
02	E00N8ME	HH02012-002	082206	08/22/2006
~~03~~	~~E00N8~~	~~HH02012-002~~	~~082220~~	~~08/22/2006~~
04	E00N9ME	HH02012-003	082207	08/22/2006
~~05~~	~~E00N9~~	~~HH02012-003~~	~~082221~~	~~08/22/2006~~
06	E00P5ME	HH02012-008	0821C06	08/21/2006
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COMMENTS: _____

SOM01.1 (5/2005)

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

SBLK04

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: 0821C09 Lab Sample ID: HQ43304-001

Instrument ID: MSD7 Date Extracted: 08/02/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/21/2006

Level: (LOW/MED) LOW Time Analyzed: 1920

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00M7	HH01011-001	0821C10	08/21/2006
02	E00M8	HH01011-002	0821C11	08/21/2006
03	E00M9	HH01011-003	0821C12	08/21/2006
04	E00N1	HH01011-005	0821C13	08/21/2006
05	E00N2	HH01011-006	0821C14	08/21/2006
06	E00N3	HH01011-007	0821C15	08/21/2006
07	E00N4	HH01011-008	0821C16	08/21/2006
08	E00N5	HH01011-009	0821C17	08/21/2006
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COMMENTS: _____

SOM01.1 (5/2005)

2K - FORM II SV-4
SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC9 (DMP) #	SDMC10 (ACY) #	SDMC11 (4NP) #	SDMC12 (FLR) #	SDMC13 (NMP) #	SDMC14 (ANC) #	SDMC15 (PYR) #	SDMC16 (BAP) #	TOT OUT
01	SBLK94	64	58	58	53	27	57	84	75	0
02	E00P5ME	50	45	50	42	35	41	65	55	0
03	E00N6ME	64	59	61	55	51	54	86	72	0
04	SBLK04	51	46	55	43	46	46	67	59	0
05	E00M7	50	43	66	49	66	52	80	68	0
06	E00M8	65	44	80	45	63	48	85	68	0
07	E00M9	38 *	27	67	30 *	48	32	79	59	2
08	E00N1	42 *	46	70	48	57	51	81	65	1
09	E00N2	34 *	24	35	23 *	24	24	44 *	33 *	4
10	E00N3	58	44	70	46	55	45	85	62	0
11	E00N4	68	57	81	58	68	61	95	77	0
12	E00N5	70	63	92	62	48	63	95	72	0
13	SBLK55	60	43	67	43	43	49	86	65	0
14	E00P0	39 *	32	49	35 *	34	33	62	47	2
15	E00P6	61	51	70	64	47	44	84	66	0
16	E00P1	76	63	72	74	40	77	129 D	97	0
17	E00P2	54	51	57	68	24	52	81	59	0
18	E00P4	43 *	41	57	40	90	41	17 D	49	~~0~~ 1
19	E00P7	57	54	47	74	27	56	87	68	0
20	E00N7	63	57	72	54	54	53	89	67	0
21	E00N8ME	69	63	89	65	58	59	80	62	0
22	E00N9ME	73	68	90	67	69	64	97	76	0
23	E00N6	37 *	31	45	33 *	22	34	58	43	2
24	E00P5	51	40	61	43	33	43	83	62	0
25	SBLK79	75	71	76	65	44	65	113	83	0
26	E00N8	82	42	111	75	66	74	74	90	0
27	E00N9	84	76	111	75	69	71	74	89	0
28	SBLK66	52	37	70	38 *	32	56	72	87	1
29										
30										

acA 9-1-06

		QC LIMITS
SDMC9 (DMP)	= Dimethylphthalate-d_6	(43-111)
SMDC10 (ACY)	= Acenapthylene-d_8	(20-97)
SDMC11 (4NP)	= 4-Nitrophenol-d_4	(16-166)
SDMC12 (FLR)	= Fluorene-d_{10}	(40-108)
SDMC13 (NMP)	= 4,6-Dinitro-2-methylphenol-d_2	(1-121)
SDMC14 (ANC)	= Anthracene-d_{10}	(22-98)
SDMC15 (PYR)	= Pyrene-d_{10}	(51-120)
SDMC16 (BAP)	= Benzo(a)pyrene-d_{12}	(43-111)

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

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC1 (PHL) #	SDMC2 (BCE) #	SDMC3 (2CP) #	SDMC4 (4MP) #	SDMC5 (NBZ) #	SDMC6 (2NP) #	SDMC7 (DCP) #	SDMC8 (4CA) #
01	SBLK94	61	55	58	65	59	60	58	57
02	E00P5ME	42	39	40	46	42	42	44	41
03	E00N6ME	59	55	57	64	59	60	60	55
04	SBLK04	52	48	46	56	47	48	47	42
05	E00M7	35	27	32	41	32	34	38	19
06	E00M8	59	31	48	65	37	45	57	17
07	E00M9	29	22	24	32	22	24	29	10
08	E00N1	44	38	38	49	38	39	45	10
09	E00N2	27	19	22	31	20	22	26	23
10	E00N3	45	39	40	50	39	41	45	18
11	E00N4	51	41	44	58	44	47	56	27
12	E00N5	59	51	52	67	52	52	61	2
13	SBLK55	51	37	42	56	41	44	46	44
14	E00P0	30	26	26	33	26	27	31	21
15	E00P6	53	49	49	57	50	52	52	29
16	E00P1	48	41	43	54	50	47	58	54
17	E00P2	42	38	37	54	45	38	44	27
18	E00P4	34	26	27	48	40	31	40	51
19	E00P7	49	47	44	53	45	43	48	37
20	E00N7	61	52	58	65	57	61	62	31
21	E00N8ME	70	60	64	77	64	65	69	21
22	E00N9ME	71	69	64	76	66	70	71	13
23	E00N6	26	15	22	31	19	21	32	12
24	E00P5	42	30	35	47	32	34	41	20
25	SBLK79	74	65	71	79	72	75	75	52
26	E00N8	82	75	75	88	76	77	80	21
27	E00N9	79	76	73	86	73	77	78	13
28	SBLK66	45	36	37	49	37	37	40	39
29									
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		QC LIMITS
SDMC1 (PHL)	= Phenol-d_5	(17-103)
SDMC2 (BCE)	= Bis-(2-chloroethyl)ether-d_8	(12-98)
SDMC3 (2CP)	= 2-Chlorophenol-d_4	(13-101)
SDMC4 (4MP)	= 4-Methylphenol-d_8	(8-100)
SDMC5 (NBZ)	= Nitrobenzene-d_5	(16-103)
SDMC6 (2NP)	= 2-Nitrophenol-d_4	(16-104)
SDMC7 (DCP)	= 2,4-Dichlorophenol-d_3	(23-104)
SDMC8 (4CA)	= 4-Chloroaniline-d_4	(1-145)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

VBLKM9

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0809M Lab Sample ID: HQ43731-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/09/2006

Level: (TRACE or LOW/MED) MED Time Analyzed: 1129

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00M7ME	HH01011-001	H0101101	1837
02	E00P1ME	HH02012-005	H0201205	1901
03	E00P2ME	HH02012-006	H0201206	1924
04	E00P4ME	HH02012-007	H0201207	1948
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

VBLKM7

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0807M Lab Sample ID: HQ43572-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/07/2006

Level: (TRACE or LOW/MED) MED Time Analyzed: 0939

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00N8ME	HH02012-002	H0201202	1124
02	E00P5ME	HH02012-008	H0201208	1100
03	E00N9ME	HH02012-003	H0201203	1148
04				
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COMMENTS: _____

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

VBLKM2

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0802M Lab Sample ID: HQ43471-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/02/2006

Level: (TRACE or LOW/MED) MED Time Analyzed: 1226

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00N6ME	HH01011-010	H0101110	1647
02				
03				
04				
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COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

VBLK10

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0810B Lab Sample ID: HQ43734-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/10/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1109

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00P1RE	HH02012-005	H0201205	1319
02	VHBLK68	HH01011-011	H0101111	1532
03				
04				
05				
06				
07				
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COMMENTS: _____

EPA SAMPLE NO.

VBLK09

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0809A Lab Sample ID: HQ43687-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/09/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1105

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00P5	HH02012-008	H0201208	1217
02				
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COMMENTS: _____

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

VBLK07

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0807A Lab Sample ID: HQ43575-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/07/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0915

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00P6	HH02012-009	H0201209	1013
02	E00P7	HH02012-010	H0201210	1036
03				
04				
05				
06				
07				
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COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

VBLK03

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0804A Lab Sample ID: HQ43568-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/04/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1046

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00N9	HH02012-003	H0201203	1147
02	E00P2	HH02012-006	H0201206	1210
03	E00P4	HH02012-007	H0201207	1234
04				
05				
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COMMENTS: _____

SOM01.1 (5/2005)

4A - FORM 1 - VOA

VOLATILE METHOD BLANK SUMMARY

VBLK02

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0803A Lab Sample ID: HQ43552-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/03/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1019

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00M9	HH01011-003	H0101103	1123
02	E00N2	HH01011-006	H0101106	1146
03	E00N3	HH01011-007	H0101107	1210
04	E00N4	HH01011-008	H0101108	1234
05	E00N5RE	HH01011-009	H0101109	1258
06	E00N6	HH01011-010	H0101110	1321
07	E00N7	HH02012-001	H0201201	1345
08	E00N8	HH02012-002	H0201202	1409
09	E00P0	HH02012-004	H0201204	1456
10	E00P1	HH02012-005	H0201205	1520
11				
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COMMENTS: _____

EPA SAMPLE NO.

VBLK01

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Lab File ID: BLK0802A Lab Sample ID: HQ43469-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/02/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1147

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00M7	HH01011-001	H0101101	1250
02	E00M8	HH01011-002	H0101102	1313
03	E00N0	HH01011-004	H0101104	1401
04	E00N1	HH01011-005	H0101105	1425
05	E00N5	HH01011-009	H0101109	1600
06				
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COMMENTS: _____

SOM01.1 (5/2005)

2D - FORM II VOA

SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT
01	VBLK09	94	104	95	91	128	95	99	0
02	VBLKM9	101	111	100	86	137	93	107	0
03	E00P5	81	89	84	73	105	81	86	0
04	E00M7ME	103	80	76	49	101	71	80	1
05	E00P1ME	112	100	96	71	109	90	93	0
06	E00P2ME	109	113	104	71	131	103	106	1
07	E00P4ME	106	113	103	75	134	98	104	1
08	VBLK10	98	107	93	75	142	89	100	0
09	E00P1RE	256 *	3 *	68 *	4 *	4 *	63	15 *	13
10	VHBLK68	93	100	93	82	122	91	94	0
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12									
13									
14									
15									
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	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d_6	(74-124)
VMDC9 (TOL) = Toluene-d_8	(78-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d_4	(72-130)
VDMC11 (HEX) = 2-Hexanone-d_5	(17-184)
VDMC12 (DXE) = 1,4-Dioxane-d_8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d_2	(56-161)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d_4	(70-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2C - FORM II VOA-3
SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLK09	116	116	85	100	102	106	109
02	VBLKM9	119	91	91	92	106	111	119
03	E00P5	95	97	73	80	87	94	94
04	E00M7ME	82	82	63	45	75	78 *	84
05	E00P1ME	104	107	78	71	94	99	105
06	E00P2ME	120	124	91	74	108	112	124 *
07	E00P4ME	121	125	91	75	109	110	122 *
08	VBLK10	122	124	88	80	104	105	116
09	E00P1RE	0 *	0 *	0 *	0 *	0 *	0 *	2 *
10	VHBLK68	100	101	74	77	88	92	105
11								
12								
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	QC LIMITS
VDMC1 (VCL) = Vinyl chloride-d_3	(68-122)
VDMC2 (CLA) = Chloroetnane-d_5	(61-130)
VDMC3 (DCE) = 1,1-Dichloroethene-d_2	(45-132)
VDMC4 (BUT) = 2-Butanone-d_5	(20-182)
VCMD5 (CLF) = Chloroform-d	(72-123)
VDMC6 (DCA) = 1,2-Dichloroethane-d_4	(79-122)
VDMC7 (BEN) = Benzene-d_6	(80-121)

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

SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT
01	VBLK01	89	100	99	95	133	98	103	0
02	VBLKM2	81	91	84	82	87	85	90	0
03	E00M7	513 *	138 *	165 *	66	113	132	61 *	5
04	E00M8	78	84	74	65	124	76	63 *	1
05	E00N0	77	81	73	69	95	81	71	0
06	E00N1	78	83	73	64	131	83	72	0
07	E00N5	59 *	60 *	44 *	43	116	46 *	26 *	8
08	E00N6ME	94	100	92	82	78	94	99	0
09	VBLK02	81	88	86	82	115	95	94	0
10	E00M9	77	85	80	75	102	86	87	0
11	E00N2	94	104	99	89	90	103	100	0
12	E00N3	78	84	78	67	77	87	87	0
13	E00N4	90	98	86	78	90	94	86	0
14	E00N5RE	70 *	75 *	69 *	58	68	72	60 *	4
15	E00N6	74	80	68 *	58	59	77	60 *	2
16	E00N7	82	91	90	76	118	105	89	0
17	E00N8	77	83	82	64	112	88	76	0
18	E00P0	74 *	81	75	56	94	85	73	~~0~~ 1
19	E00P1	335 *	2 *	154 *	58	116	162 *	80	5
20	VBLK03	89	96	95	81	113	101	101	0
21	E00N9	85	89	86	61	110	93	85	0
22	E00P2	108	75 *	99	69	138	98	79	2
23	E00P4	446 *	86	141 *	75	35069 *	664 *	170 *	10
24	VBLK07	96	105	94	78	116	92	101	0
25	VBLKM7	95	107	94	73	106	87	99	0
26	E00P6	78	78 *	73	64	97	69	57 *	~~3~~ 1
27	E00P7	92	91	83	67	128	83	69 *	1
28	E00P5ME	113	124 *	109	83	105	99	117	3
29	E00N8ME	93	100	95	68	80	91	97	0
30	E00N9ME	106	115	102	75	101	96	112	0

acA 9-1-06

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d_6	(74-124)
VMDC9 (TOL) = Toluene-d_8	(78-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d_4	(72-130)
VDMC11 (HEX) = 2-Hexanone-d_5	(17-184)
VDMC12 (DXE) = 1,4-Dioxane-d_8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d_2	(56-161)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d_4	(70-131)

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

2C - FORM II VOA-3
SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00M7

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLK01	111	112	86	92	101	101	102
02	VBLKM2	92	67	73	73	83	85	95
03	E00M7	89	92	66	75	80	83	75 *
04	E00M8	89	90	73	65	83	83	89
05	E00N0	90	92	70	63	84	84	88
06	E00N1	91	93	72	65	84	85	88
07	E00N5	85	84	65	51	68 *	66 *	71 *
08	E00N6ME	103	103	83	76	96	100	106
09	VBLK02	102	105	79	87	95	95	94
10	E00M9	90	93	72	78	87	90	90
11	E00N2	108	112	87	93	107	109	110
12	E00N3	90	94	73	69	90	90	89
13	E00N4	101	110	84	86	103	105	105
14	E00N5RE	81	88	68	60	83	85	82
15	E00N6	87	93	73	64	87	90	86
16	E00N7	91	96	78	79	98	105	94
17	E00N8	85	90	72	68	91	97	88
18	E00P0	79	85	68	60	85	87	85
19	E00P1	73	80	61	60	77	84	70 *
20	VBLK03	100	107	80	85	98	101	99
21	E00N9	113	111	82	68	95	96	98
22	E00P2	103	103	182 *	29	92	98	91
23	E00P4	98	84	2332 *	11 *	16 *	7 *	60 *
24	VBLK07	102	105	81	80	93	93	111
25	VBLKM7	103	72	81	73	93	92	113
26	E00P6	95	94	68	66	77	79 *	92
27	E00P7	106	107	79	67	86	86	100
28	E00P5ME	123 *	100	91	71	108	110	131 *
29	E00N8ME	102	79	76	60	89	89	106
30	E00N9ME	117	89	87	71	102	102	121

acrt 9-1-06

	QC LIMITS
VDMC1 (VCL) = Vinyl chloride-d_3	(68-122)
VDMC2 (CLA) = Chloroethane-d_5	(61-130)
VDMC3 (DCE) = 1,1-Dichloroethene-d_2	(45-132)
VDMC4 (BUT) = 2-Butanone-d_5	(20-182)
VCMD5 (CLF) = Chloroform-d	(72-123)
VDMC6 (DCA) = 1,2-Dichloroethane-d_4	(79-122)
VDMC7 (BEN) = Benzene-d_6	(80-121)

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

the TR/COC for BNA/PEST/PCB/VOA, but the lab did not receive any of the containers for this sample.

==========

Robert Zhu
Director of Organics
Shealy Environmental Services, Inc.
Phone:803-791-9700 Ext. 110
Fax: 803-791-9111
rzhu@shealylab.com

==========

> Please let me know if you still have questions.
>
> Thanks,
> Gale
> -----Original Message-----
> From: Robert Zhu [mailto:rzhu@shealylab.com]
> Sent: Monday, July 31, 2006 3:17 PM
> To: Maruska, Gale
> Cc: Kelly Maberry; Daniel J. Wright
> Subject: Case 35607
>
> Gale:
> This case is sheduled for this week. A line item in the Scheduling
> Notification for Soil VOA indicates that the sample container will be 2oz
> jar. What procedure the Region would like Shealy to follow for the
> analysis:
> Low level or medium level VOA? Thanks.
>
> ==========
> Robert Zhu
> Director of Organics
> Shealy Environmental Services, Inc.
> Phone:803-791-9700 Ext. 110
> Fax: 803-791-9111
> rzhu@shealylab.com
> ==========

-----Original Message-----
From: Maruska, Gale
Sent: Wednesday, August 02, 2006 10:56 AM
To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple |

Please let me know if it is o.k. to provide the information below to the
Lab.

Thanks,
Gale

August 2, 2006 10:52 AM: Gale Maruska, SMO spoke with Mark Wagner, IL EPA.
Per Mark, this sample was not collected and can be crossed off the TR/COC.

-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Wednesday, August 02, 2006 10:41 AM
To: Maruska, Gale
Cc: Kelly Maberry
Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple | FINAL

Gale:
More issues. Received a new shipment today. Sample E00P3 is listed on

> From: Maruska, Gale
> Sent: Monday, July 31, 2006 4:32 PM
> To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
> Cc: Mark Wagner (E-mail)
> Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Laboratory problems
>
> Mark,
>
> Issue: The 15 samples for Soil VOA indicate that the sample container
> will
> be 2oz jar. What procedure would the Region like Shealy to follow for the
> analysis: Low level or medium level VOA?
>
> Please advise.
>
> Thanks,
> Gale
> -----Original Message-----
> From: Robert Zhu [mailto:rzhu@shealylab.com]
> Sent: Monday, July 31, 2006 4:09 PM
> To: Maruska, Gale
> Cc: Daniel J. Wright; Kelly Maberry
> Subject: Re: Case 35607
>
> Gale:
> The 21 Soil VOAs that will be collected in encore will be analyzed by
> low level method. But the 15 samples that will be in 2oz jars are the ones

> I
> will need clarification on. Thanks.
>
> ==========
> Robert Zhu
> Director of Organics
> Shealy Environmental Services, Inc.
> Phone:803-791-9700 Ext. 110
> Fax: 803-791-9111
> rzhu@shealylab.com
> ==========
>
> ----- Original Message -----
> From: Maruska, Gale
> To: 'Robert Zhu'
> Cc: Kelly Maberry ; Daniel J. Wright
> Sent: Monday, July 31, 2006 3:27 PM
> Subject: RE: Case 35607
>
> Dr. Zhu,
>
> I'm not sure if this answers your questions, but 21 soil VOAs are encore.
>

> Shealy Environmental Services, Inc.
> Phone:803-791-9700 Ext. 110
> Fax: 803-791-9111
> rzhu@shealylab.com
> ==========
>
> ----- Original Message -----
> From: Maruska, Gale
> To: Dan Wright ; Kelly Maberry ; Robert Zhu
> Cc: Mark Wagner (E-mail) ; Carlene Thomas (E-mail) ; Howard Pham (E-mail)
> ;
> Warren Layne (E-mail)
> Sent: Tuesday, August 01, 2006 10:20 AM
> Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with
> tags, jars, and/or TR/COC | FINAL
>
> Dr. Zhu,
>
> Please see analysis key which indicates samples are to be analyzed for
> BNA/PEST/PCB. It looks like the "B" was cut off of PCB.
>
> Please let me know if you have any questions.
> Gale E. Maruska
> Computer Sciences Corporation
> Environmental Scientist
> ST&R Coordinator Regions 5, 7 & 10
> gmaruska@fedcsc.com
> Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602
>
> -----Original Message-----
> From: Robert Zhu [mailto:rzhu@shealylab.com]
> Sent: Tuesday, August 01, 2006 10:06 AM
> To: Maruska, Gale
> Cc: Kelly Maberry
> Subject: Case 35607 issue
>
> Gale:
> Received a shipment of this case today. On the TR/COC, the Aroclor
> analysis is not designated for any of the samples. Aroclor is scheduled
> for
> this case. Attached please find the TR/COC.
> ==========
> Robert Zhu
> Director of Organics
> Shealy Environmental Services, Inc.
> Phone:803-791-9700 Ext. 110
> Fax: 803-791-9111
> rzhu@shealylab.com
> ==========
>
> -----Original Message-----

> 35607:
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> Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz
> jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One
> of the 2oz jars will be used for VOA analysis, since no Encore devices
> were
> received. The remaining 2oz jar does not contain sufficient sample mass to
> perform BNA/PEST/Aroclor analysis.
>
> Also, the Lab is waiting on the resolution regarding the VOA samples
> collected in 2oz jars, what kind of preservation and what type of analysis
> (low or medium) should the lab perform on these samples.....
>
> Issue 2: The 15 samples for Soil VOA indicate that the sample container
> will be 2oz jar. What procedure would the Region like Shealy to follow for
> the analysis: Low level or medium level VOA?
>
> Please advise.
> Gale E. Maruska
> Computer Sciences Corporation
> Environmental Scientist
> ST&R Coordinator Regions 5, 7 & 10
> gmaruska@fedcsc.com
> Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602
>
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> From: Robert Zhu [mailto:rzhu@shealylab.com]
> Sent: Tuesday, August 01, 2006 10:45 AM
> To: Maruska, Gale
> Cc: Kelly Maberry; Daniel J. Wright
> Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies
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> Gale:
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> them are 2oz jars, and one is a 16oz jar. The 16oz jar was broken during
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> sufficient sample mass to perform BNA/PEST/Aroclor analysis. Please
> advice.
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> I am still waiting on the resolution regarding the VOA samples
> collected
> in 2oz jars, what kind of preservation and what type of analysis (low or
> medium) should the lab perform on these samples.
>
>
> ==========
> Robert Zhu
> Director of Organics

> From: Maruska, Gale
> Sent: Wednesday, August 02, 2006 9:52 AM
> To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
> Subject: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple
> Importance: High
>
> Is it o.k. to provide the resolutions below to the Lab?
>
> Thanks,
> Gale
>
> Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz
> jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One
> of the 2oz jars will be used for VOA analysis, since no Encore devices
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> received. The remaining 2oz jar does not contain sufficient sample mass to
> perform BNA/PEST/Aroclor analysis.
> Resolution Issue 1: Per Region 5, please go ahead with the VOA analysis
> for
> this sample, and cancel the BNA/PEST/ARO. They will re-collect for these
> fractions and they will have an new sample ID assigned.
>
> Issue 2: The 15 samples for Soil VOA indicate that the sample container
> will be 2oz jar. What procedure would the Region like Shealy to follow for
> the analysis: Low level or medium level VOA?
> Resolution Issue 2: Per Region 5, please perform low level analysis.
>
> Also, please perform medium level analysis on the following VOA/BNA
> samples: E00N6, E00N8, E00N9, and E00P5.
>
> August 2, 9:35 AM: Gale Maruska spoke with Mark Wagner, IL EPA. They would
> like the Lab to perform the VOA analysis for sample E00N0, and they will
> re-collect for the BNA/PEST/ARO fractions. These will have a new sample
> ID.
> Also, they would like medium level analysis performed on the following
> VOA/BNA samples: E00N6, E00N8, E00N9, and E00P5.
>
> August 2, 9:25 AM: Gale Maruska spoke with Mark Wagner, IL EPA. Per Mark,
> the Lab should perform low level analysis on the VOA Soils.
>
> -----Original Message-----
> From: Maruska, Gale
> Sent: Tuesday, August 01, 2006 11:02 AM
> To: Mark Wagner (E-mail)
> Cc: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
> Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple
>
> Mark,
>
> SHEALY has reported the following issue for samples received today for
> Case

From: "Maruska, Gale" <gmaruska@fedcsc.com>
To: "Dan Wright" <dwright@shealylab.com>; "Kelly Maberry" <kmaberry@shealylab.com>; "Robert Zhu" <rzhu@shealylab.com>
Cc: "Mark Wagner (E-mail)" <mark.wagner@epa.state.il.us>; "Carlene Thomas (E-mail)" <thomas.carlene@epa.gov>; "Howard Pham (E-mail)" <pham.howard@epa.gov>; "Warren Layne (E-mail)" <layne.warren@epa.gov>
Sent: Wednesday, August 02, 2006 10:10 AM
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple | FINAL

> Dr. Zhu,
>
> -Broken samples-
> Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz
> jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One
> of the 2oz jars will be used for VOA analysis, since no Encore devices
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> received. The remaining 2oz jar does not contain sufficient sample mass to
> perform BNA/PEST/Aroclor analysis.
> Resolution Issue 1: Per Region 5, please go ahead with the VOA analysis
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> this sample, and cancel the BNA/PEST/ARO. They will re-collect for these
> fractions and they will have an new sample ID assigned.
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> -Laboratory problems-
> Issue 2: The 15 samples for Soil VOA indicate that the sample container
> will be 2oz jar. What procedure would the Region like Shealy to follow for
> the analysis: Low level or medium level VOA?
> Resolution Issue 2: Per Region 5, please perform low level analysis.
>
> Also, please perform medium level analysis on the following VOA/BNA
> samples:
> E00N6, E00N8, E00N9, and E00P5.
>
> Please let me know if you have any questions.
>
> Gale E. Maruska
> Computer Sciences Corporation
> Environmental Scientist
> ST&R Coordinator Regions 5, 7 & 10
> gmaruska@fedcsc.com
> Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602
>
> -----Original Message-----
> From: Layne.Warren@epamail.epa.gov [mailto:Layne.Warren@epamail.epa.gov]
> Sent: Wednesday, August 02, 2006 10:08 AM
> To: Maruska, Gale
> Subject: Re: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple
>
> Yes
>
> -----Original Message-----

From: Layne.Warren@epamail.epa.gov [mailto:Layne.Warren@epamail.epa.gov]
Sent: Wednesday, August 02, 2006 11:35 AM
To: Maruska, Gale
Subject: Re: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple

yes,again

-----Original Message-----
From: Layne.Warren@epamail.epa.gov [mailto:Layne.Warren@epamail.epa.gov]
Sent: Wednesday, August 02, 2006 11:34 AM
To: Maruska, Gale
Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple |

yes

-----Original Message-----
From: Maruska, Gale
Sent: Wednesday, August 02, 2006 11:13 AM
To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple

Please let me know if you concur with Mark's suggestion.

Thanks,
Gale

August 2, 11:10 AM: Gale Maruska spoke with Mark Wagner, IL EPA. Mark would like the Lab to perform low level analysis if the medium level analysis does not show high concentration target or non-target hit.

-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Wednesday, August 02, 2006 11:06 AM
To: Maruska, Gale
Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple | FINAL

Gale:
Question regarding the samples for medium level analysis. If the medium level analysis does not show high concentration target or non-target hit, will the Region want us to perform low level analysis on them? Thanks.

==========
Robert Zhu
Director of Organics
Shealy Environmental Services, Inc.
Phone:803-791-9700 Ext. 110
Fax: 803-791-9111
rzhu@shealylab.com
==========

----- Original Message -----

Kelly Maberry

From: "Maruska, Gale" <gmaruska@fedcsc.com>
To: "Dan Wright" <dwright@shealylab.com>; "Kelly Maberry" <kmaberry@shealylab.com>; "Robert Zhu" <rzhu@shealylab.com>
Cc: "Mark Wagner (E-mail)" <mark.wagner@epa.state.il.us>; "Carlene Thomas (E-mail)" <thomas.carlene@epa.gov>; "Howard Pham (E-mail)" <pham.howard@epa.gov>; "Warren Layne (E-mail)" <layne.warren@epa.gov>
Sent: Wednesday, August 02, 2006 11:49 AM
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple | FINAL

Dr. Zhu,

-Discrepancies with tags, jars, and/or TR/COC-
Issue 1: The Lab received a new shipment on 8/2. Sample E00P3 is listed on the TR/COC for BNA/PEST/PCB/VOA, but the lab did not receive any of the containers for this sample.
Resolution Issue 1: Per Region 5, this sample was not collected. Please cross it off the TR/COC.

-Laboratory problems-
Issue 2: The Lab has a question regarding the samples for medium level analysis. If the medium level analysis does not show high concentration target or non-target hit, will the Region want us to perform low level analysis on them?
Resolution Issue 2: Per Region 5, please perform low level analysis if the medium level analysis does not show high concentration target or non-target hit.

Please let me know if you have any questions.

Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

-----Original Message-----

Thanks,
Gale
-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Monday, July 31, 2006 3:17 PM
To: Maruska, Gale
Cc: Kelly Maberry; Daniel J. Wright
Subject: Case 35607

Gale:
This case is sheduled for this week. A line item in the Scheduling Notification for Soil VOA indicates that the sample container will be 2oz jar. What procedure the Region would like Shealy to follow for the analysis: Low level or medium level VOA? Thanks.

==========
Robert Zhu
Director of Organics
Shealy Environmental Services, Inc.
Phone:803-791-9700 Ext. 110
Fax: 803-791-9111
rzhu@shealylab.com
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-----Original Message-----
From: Maruska, Gale
Sent: Monday, July 31, 2006 4:32 PM
To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Cc: Mark Wagner (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Laboratory problems

Mark,

Issue: The 15 samples for Soil VOA indicate that the sample container will be 2oz jar. What procedure would the Region like Shealy to follow for the analysis: Low level or medium level VOA?

Please advise.

Thanks.
Gale
-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Monday, July 31, 2006 4:09 PM
To: Maruska, Gale
Cc: Daniel J. Wright; Kelly Maberry
Subject: Re: Case 35607

Gale:
The 21 Soil VOAs that will be collected in encore will be analyzed by low level method. But the 15 samples that will be in 2oz jars are the ones I will need clarification on. Thanks.

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Robert Zhu
Director of Organics
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From: Maruska, Gale
To: 'Robert Zhu'
Cc: Kelly Maberry ; Daniel J. Wright
Sent: Monday, July 31, 2006 3:27 PM
Subject: RE: Case 35607

Dr. Zhu,

I'm not sure if this answers your questions, but 21 soil VOAs are encore.

Please let me know if you still have questions.

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Robert Zhu
Director of Organics
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Phone:803-791-9700 Ext. 110
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To: Dan Wright ; Kelly Maberry ; Robert Zhu
Cc: Mark Wagner (E-mail) ; Carlene Thomas (E-mail) ; Howard Pham (E-mail) ; Warren Layne (E-mail)
Sent: Tuesday, August 01, 2006 10:20 AM
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Dr. Zhu,

Please see analysis key which indicates samples are to be analyzed for BNA/PEST/PCB. It looks like the "B" was cut off of PCB.

Please let me know if you have any questions.
Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Tuesday, August 01, 2006 10:06 AM
To: Maruska, Gale
Cc: Kelly Maberry
Subject: Case 35607 issue

Gale:
Received a shipment of this case today. On the TR/COC, the Aroclor analysis is not designated for any of the samples. Aroclor is scheduled for this case. Attached please find the TR/COC.
==========
Robert Zhu
Director of Organics
Shealy Environmental Services, Inc.
Phone:803-791-9700 Ext. 110
Fax: 803-791-9111
rzhu@shealylab.com
==========

To: Mark Wagner (E-mail)
Cc: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple

Mark,

SHEALY has reported the following issue for samples received today for Case 35607:

Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One of the 2oz jars will be used for VOA analysis, since no Encore devices were received. The remaining 2oz jar does not contain sufficient sample mass to perform BNA/PEST/Aroclor analysis.

Also, the Lab is waiting on the resolution regarding the VOA samples collected in 2oz jars, what kind of preservation and what type of analysis (low or medium) should the lab perform on these samples.....

Issue 2: The 15 samples for Soil VOA indicate that the sample container will be 2oz jar. What procedure would the Region like Shealy to follow for the analysis: Low level or medium level VOA?

Please advise.
Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Tuesday, August 01, 2006 10:45 AM
To: Maruska, Gale
Cc: Kelly Maberry; Daniel J. Wright
Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Gale:
Thanks. More issues. 3 containers for sample E00N0 were received. 2 of them are 2oz jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One of the 2oz jars will be used for VOA analysis, since no Encore devices were received. The remaining 2oz jar does not contain sufficient sample mass to perform BNA/PEST/Aroclor analysis. Please advice.

I am still waiting on the resolution regarding the VOA samples collected in 2oz jars, what kind of preservation and what type of analysis (low or medium) should the lab perform on these samples.

-----Original Message-----
From: Layne.Warren@epamail.epa.gov [mailto:Layne.Warren@epamail.epa.gov]
Sent: Wednesday, August 02, 2006 10:08 AM
To: Maruska, Gale
Subject: Re: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple

Yes

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From: Maruska, Gale
Sent: Wednesday, August 02, 2006 9:52 AM
To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: FW: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple
Importance: High

Is it o.k. to provide the resolutions below to the Lab?

Thanks,
Gale

Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One of the 2oz jars will be used for VOA analysis, since no Encore devices were received. The remaining 2oz jar does not contain sufficient sample mass to perform BNA/PEST/Aroclor analysis.
Resolution Issue 1: Per Region 5, please go ahead with the VOA analysis for this sample, and cancel the BNA/PEST/ARO. They will re-collect for these fractions and they will have an new sample ID assigned.

Issue 2: The 15 samples for Soil VOA indicate that the sample container will be 2oz jar. What procedure would the Region like Shealy to follow for the analysis: Low level or medium level VOA?
Resolution Issue 2: Per Region 5, please perform low level analysis.

Also, please perform medium level analysis on the following VOA/BNA samples: E00N6, E00N8, E00N9, and E00P5.

August 2, 9:35 AM: Gale Maruska spoke with Mark Wagner, IL EPA. They would like the Lab to perform the VOA analysis for sample E00N0, and they will re-collect for the BNA/PEST/ARO fractions. These will have a new sample ID. Also, they would like medium level analysis performed on the following VOA/BNA samples: E00N6, E00N8, E00N9, and E00P5.

August 2, 9:25 AM: Gale Maruska spoke with Mark Wagner, IL EPA. Per Mark, the Lab should perform low level analysis on the VOA Soils.

-----Original Message-----
From: Maruska, Gale
Sent: Tuesday, August 01, 2006 11:02 AM

Kelly Maberry

From: "Maruska, Gale" <gmaruska@fedcsc.com>
To: "Dan Wright" <dwright@shealylab.com>; "Kelly Maberry" <kmaberry@shealylab.com>; "Robert Zhu" <rzhu@shealylab.com>
Cc: "Mark Wagner (E-mail)" <mark.wagner@epa.state.il.us>; "Carlene Thomas (E-mail)" <thomas.carlene@epa.gov>; "Howard Pham (E-mail)" <pham.howard@epa.gov>; "Warren Layne (E-mail)" <layne.warren@epa.gov>
Sent: Wednesday, August 02, 2006 10:10 AM
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Multiple | FINAL

Dr. Zhu,

-Broken samples-
Issue 1: 3 containers for sample E00N0 were received. 2 of them are 2oz jars, and one is a 16oz jar. The 16oz jar was broken during shipping. One of the 2oz jars will be used for VOA analysis, since no Encore devices were received. The remaining 2oz jar does not contain sufficient sample mass to perform BNA/PEST/Aroclor analysis.
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-Laboratory problems-
Issue 2: The 15 samples for Soil VOA indicate that the sample container will be 2oz jar. What procedure would the Region like Shealy to follow for the analysis: Low level or medium level VOA?
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Please let me know if you have any questions.

Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

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PEST Fraction

The closing CCV INDC312 failed to meet the acceptance criteria. The associated samples were reanalyzed on 8/15/06. The closing CCV for the reanalysis, INDC314, was also outside the acceptance range. Both sets of data are included.

The recovery of DCB in PEMB1 was high and outside the acceptance limit. The DCB in the PEM show a tendency of having a high recovery In order to solve this problem, Shealy has ordered a new PEM standard from another vendor.

Most sample chromatograms in this SDG contain aroclor patterns. Any peaks that fall into the PEST RT windows were identified as pesticide hit, even though the peaks could belong to aroclor.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

8/28/2006

Daniel J Wright
Laboratory Director

VOA Equation	Water sample concentration = Amt * DF * Uf/Vo Where Amt is the on-column amount (ug/L) DF is the dilution factor. Vo is the purge volume (5 or 25 mL). Uf is 5 for Low medium, 25 for Trace. For soil sample replace Vo with Ws (sample weight in grams). Uf=5
BNA/PEST/Aroclor Equation	Water samples Concentration = Amt * DF * *U_f*Vt/Vo Where Amt is the on-column amount (ng/uL) (ng/ml for PEST) DF is the dilution factor Vt is the volume of the extract (uL), Vo is the volume of the sample extracted (mL) U_f=1 for BNA, 0.001 for PEST and Aroclor. For soil sample replace Vo with Ws (sample weight in grams)

Sample Receiving

The cooler temperature associated with these samples was 3.2°C.

Per instruction from the Region, medium level analyses for VOA and BNA were performed on samples E00P5, E00N6, E00N8 and E00N9. Since there was no high concentration target or non-target compounds detected in the medium level analyses, low level analyses were also performed for these samples.

Three containers for sample E00N0 were received. Two of them were 2oz jars and one was a 16oz jar. The 16oz jar was broken during shipping. One of the 2oz jars was used for VOA analysis, since no coring device was received. The remaining 2oz jar did not contain sufficient sample mass to perform BNA/PEST/Aroclor analyses. Per instruction from the Region, the BNA/PEST/Aroclor tests for E00N0 were canceled.

Sample E00P3 was listed on the TR/COC, but the sample was not included in the shipment. Per the Region, the sample was not collected.

Volatile Fraction

Manual integration was performed on 1,2-dichloropropane-d6 and toluene-d8 for E00M7 due to incorrect auto integration.

Manual integration was performed on 2-butanone-d5 for E00P2 due to incorrect auto integration.

Manual integration was performed on cis-1,2-dichloroethene and 1,4-dioxane-d8 for E00P4 due to incorrect auto integration.

BNA Fraction

Manual integration was performed on caprolactam for several initial and continuing calibration standards due to incorrect auto integration.

Manual integration was performed on phenol for SSTD00521 due to incorrect auto integration.

Manual integration was performed on benzo(b)fluoranthene and benzo(k)fluoranthene for E00M7, E00M8, E00N5, E00N8, E00N9, E00N9ME, E00P5 and E00P6 due to incorrect auto integration.

Shealy Environmental Services, Inc.

Contract Number: EPW05031
Date: 08/28/2006

SDG Narrative

Case 35607
SDG E00M7

EPA Sample Numbers

EPA Sample Number	Volatile Fraction	Dilution/ Reanalysis	BNA Fraction	Dilution/ Reanalysis	PEST Fraction	Dilution/ Reanalysis	Aroclor Fraction	Dilution/ Reanalysis
E00M7	Yes	Yes	Yes	No	Yes	Yes	Yes	No
E00M8	Yes	No	Yes	No	Yes	Yes	Yes	No
E00M9	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N0	Yes	No	No	No	No	No	No	No
E00N1	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N2	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N3	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N4	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N5	Yes	Yes	Yes	No	Yes	Yes	Yes	No
E00N6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
E00N7	Yes	No	Yes	No	Yes	Yes	Yes	No
E00N8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
E00N9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
E00P0	Yes	No	Yes	No	Yes	Yes	Yes	No
E00P1	Yes	Yes	Yes	No	Yes	Yes	Yes	No
E00P2	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
E00P4	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
E00P5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
E00P6	Yes	No	Yes	No	Yes	Yes	Yes	No
E00P7	Yes	No	Yes	No	Yes	Yes	Yes	No

Columns	VOC DB-624, 20m x 0.18mm x 1.0um SVOC DB-5MS 30m x 0.25mm x 0.25um Pesticides #1 RTXCLP2 30m x 0.32mm x 0.25um Pesticides #2 RTXCLP 30m x 0.32mm x 0.50um Aroclor #1 DB-XLB 30m x 0.32mm x 0.50um Aroclor #2 DB-35MS 30m x 0.32mm x 0.25um
Trap	OI Trap #10

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: E00M7

L

Date Shipped:	8/1/2006	**Chain of Custody Record**	Sampler Signature: James Salch	**For Lab Use Only**	
Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No:	EPW05031
Airbill:	856446079240	James Salch 8/1/06 18:15		Unit Price:	$440
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700	2		Transfer To:	
		3		Lab Contract No:	
		4	8/2/06 0905	Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00P7	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303330, 5-303331, 5-303332 (Ice Only) (3)	X110	S: 8/1/2006	9:15	ME00P7	OK

SDG E00M7 Final Sample

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3.2	Chain of Custody Seal Number: 20030	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y	Shipment Iced? Y

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-080106-0004

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Samr Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly VA 20151-3819, Phone 703/818-4200, Fax 703/818-4602

7 of 3578

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: E00M7

L

6 of 3578

Date Shipped:	8/1/2006
Carrier Name:	FedEx
Airbill:	856446079240
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 James Salch	8/1/06 18:15		
2			
3			
4		[illegible]	8/2/06 0905

For Lab Use Only

Lab Contract No:	EDW05031
Unit Price:	$440
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00N7	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303289, 5-303290, 5-303291 (Ice Only) (3)	X101A	S: 8/1/2006	8:00	ME00N7	OK
E00N8	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303293, 5-303294, 5-303295 (Ice Only) (3)	X101B	S 8/1/2006	8:15	ME00N8	
E00N9	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303298, 5-303299, 5-303300 (Ice Only) (3)	X116	S: 8/1/2006	8:00	ME00N9	
E00P0	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303302, 5-303303, 5-303304 (Ice Only) (3)	X117	S: 8/1/2006	9:00	ME00P0	
E00P1	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303306, 5-303307, 5-303308 (Ice Only) (3)	X118	S. 8/1/2006	11:10	ME00P1	
E00P2	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303310, 5-303311, 5-303312 (Ice Only) (3)	X106	S: 8/1/2006	10:40	ME00P2	
~~E00P3~~	~~Soil/Sediment/~~ Jim Salch	~~L/G~~	~~BNA/PEST (21), Dry~~ Weight (21), VOA (21)	~~5-303314, 5-303315,~~ 5-303316 (Ice Only) (3)	~~X112~~	~~S: 8/1/2006~~	~~11:30~~	~~ME00P3~~	← No sample received ECC
E00P4	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303318, 5-303319, 5-303320 (Ice Only) (3)	X107	S: 8/1/2006	12:00	ME00P4	OK
E00P5	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303322, 5-303323, 5-303324 (Ice Only) (3)	X119B	S: 8/1/2006	12:30	ME00P5	
E00P6	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303326, 5-303327, 5-303328 (Ice Only) (3)	X119A	S: 8/1/2006	12:10	ME00P6	

B 8/2/06

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3.2	Chain of Custody Seal Number: 20030
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? Y	Shipment Iced? Y

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-080106-0004

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USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: E00M7

L

5 of 3578

Date Shipped:	7/31/2006
Carrier Name:	FedEx
Airbill:	832577771791
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Bruce Everett	7/31/06 1840		
2			
3			
4		[illegible]	8-1-06 0915

Sampler Signature: Bruce Everett

For Lab Use Only

Lab Contract No:	EPW05031
Unit Price:	$440
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00M7	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303216, 5-303217, 5-303218 (Ice Only) (3)	X102	S: 7/31/2006	15:45		ok
E00M8	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303219, 5-303220, 5-303221 (3)	X201	S: 7/31/2006	10:30		
E00M9	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303222, 5-303223, 5-303224 (3)	X202	S: 7/31/2006	11:00		
E00N0	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303225, 5-303226, 5-303227 (3)	X203	S: 7/31/2006	11:30		16 oz glass jar rec'd broken
E00N1	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303228, 5-303229, 5-303230 (3)	X204	S: 7/31/2006	12:20		ok
E00N2	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303231, 5-303232, 5-303233 (3)	X205	S: 7/31/2006	12:40		
E00N3	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303234, 5-303235, 5-303236 (3)	X206	S: 7/31/2006	13:20		
E00N4	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303237, 5-303238, 5-303239 (3)	X207	S: 7/31/2006	14:00		
E00N5	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303240, 5-303241, 5-303242 (3)	X208	S: 7/31/2006	15:10		
E00N6	Sediment/ Bruce Everetts	L/G	BNA/PEST (21), VOA (21)	5-303243, 5-303244, 5-303245 (3)	X209	S: 7/31/2006	15:30		

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
		James M. Salch	3.2°	20022

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G Custody Seal Intact? Y Shipment Iced? Y

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-073106-0001

LABORATORY COPY

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Contract Laboratory Program

Sample Delivery Group (SDG) Cover Sheet

SDG Number E00M7

Laboratory Name Shealy Environmental Services Lab Code SHEALY

Contract No. EPW05031 Case No. 35607

Analysis Price $440.00 SDG Turnaround 21-DAY

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E00M7	7) E00N3	13) E00N9	19) E00P6
2) E00M8	8) E00N4	14) E00P0	20) E00P7
3) E00M9	9) E00N5	15) E00P1	21)
4) E00N0	10) E00N6	16) E00P2	22)
5) E00N1	11) E00N7	17) E00P4	23) VNS.306
6) E00N2	12) E00N8	18) E00P5	~~24)~~

First Sample in SDG: E00M7

Last Sample in SDG: E00P7

First Sample Receipt Date: 8/1/06

Last Sample Receipt Date: 8/2/06

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Signature _____ Date 8/3/06

4

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 8-29-06

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: State Ilada Waste Company (IL)

CASE NUMBER: 35607 SDG NUMBER: E00M7

Number and Type of Samples: 20 Soil Samples

Sample Numbers: E00M7-M9, N0-N9, P0-P2, P4-P7

Laboratory: Shealy Environmental Services Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Analytical Results (Qualified Data)

Case #. 35607 SDG : E00M7
Site . ILADA WASTE COMPANY
Lab SHEALY
Reviewer .
Date

Sample Number :	E00P4DL		E00P5		E00P6		E00P7			
Sampling Location :	X107		X119B		X119A		X110			
Matrix :	Soil		Soil		Soil		Soil			
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :			8/1/2006		8/1/2006		8/1/2006			
Time Sampled :										
%Moisture :	26		22		16		8			
pH .	5.8		7 3		8 3		8.4			
Dilution Factor :	100 0		1 0		1.0		1 0			
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	4400	U	42	U	40	U	110			
Aroclor-1221	4400	U	42	U	40	U	36	U		
Aroclor-1232	4400	U	42	U	40	U	36	U		
Aroclor-1242	4400	U	42	U	40	U	36	U		
Aroclor-1248	4400	U	42	U	40	U	36	U		
Aroclor-1254	4400	U	42	U	40	U	36	U		
Aroclor-1260	45000		42	U	500		350			
Aroclor-1262	4400	U	42	U	40	U	36	U		
Aroclor-1268	4400	U	42	U	40	U	36	U		

Analytical Results (Qualified Data)

Case #. 35607 SDG E00M7
Site ILADA WASTE COMPANY
Lab : SHEALY
Reviewer
Date :

Sample Number :	E00P0		E00P1		E00P2		E00P2DL		E00P4	
Sampling Location	X117		X118		X106		X106		X107	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled .	8/1/2006		8/1/2006		8/1/2006				8/1/2006	
Time Sampled :										
%Moisture :	20		20		18		18		26	
pH :	8.0		7.7		5.7		5.7		5.8	
Dilution Factor :	1.0		1.0		1.0		20.0		5.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	41	U	41	U	40	U	810	U	220	U
Aroclor-1221	41	U	41	U	40	U	810	U	220	U
Aroclor-1232	41	U	41	U	40	U	810	U	220	U
Aroclor-1242	41	U	41	U	40	U	810	U	220	U
Aroclor-1248	41	U	41	U	40	U	810	U	220	U
Aroclor-1254	41	U	41	U	40	U	810	U	220	U
Aroclor-1260	130		41	U	7300		10000		43000	J
Aroclor-1262	41	U	41	U	40	U	810	U	220	U
Aroclor-1268	41	U	41	U	40	U	810	U	220	U

Analytical Results (Qualified Data)

Case # 35607 SDG . E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number .	E00N6		E00N7		E00N8		E00N9		E00N9DL	
Sampling Location :	X209		X101A		X101B		X116		X116	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	7/31/2006		8/1/2006		8/1/2006		8/1/2006			
Time Sampled										
%Moisture .	35		15		14		20		20	
pH :	7.7		7 8		7 9		7.2		7.2	
Dilution Factor :	1.0		1.0		1 0		1.0		2 0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	51	U	39	U	39	U	41	U	83	U
Aroclor-1221	51	U	39	U	39	U	41	U	83	U
Aroclor-1232	51	U	39	U	39	U	41	U	83	U
Aroclor-1242	51	U	39	U	39	U	41	U	83	U
Aroclor-1248	51	U	39	U	39	U	41	U	83	U
Aroclor-1254	51	U	39	U	39	U	41	U	83	U
Aroclor-1260	52		10	J	120		710	J	690	
Aroclor-1262	51	U	39	U	39	U	41	U	83	U
Aroclor-1268	51	U	39	U	39	U	41	U	83	U

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab . SHEALY
Reviewer
ate

Sample Number	E00N1		E00N2		E00N3		E00N4		E00N5	
Sampling Location	X204		X205		X206		X207		X208	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled										
%Moisture	50		48		45		52		33	
pH	7.5		7.8		7.6		7.9		7.5	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	66	U	63	U	60	U	69	U	49	U
Aroclor-1221	66	U	63	U	60	U	69	U	49	U
Aroclor-1232	66	U	63	U	60	U	69	U	49	U
Aroclor-1242	66	U	63	U	60	U	69	U	49	U
Aroclor-1248	66	U	63	U	60	U	69	U	49	U
Aroclor-1254	66	U	63	U	60	U	69	U	49	U
Aroclor-1260	42	J	63	U	60	U	13	J	270	
Aroclor-1262	66	U	63	U	60	U	69	U	49	U
Aroclor-1268	66	U	63	U	60	U	69	U	49	U

Analytical Results (Qualified Data)

Case #. 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab SHEALY
Reviewer .
Date

Number of Soil Samples : 19
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	ABLK07		ABLK93		E00M7		E00M8		E00M9	
Sampling Location :					X102		X201		X202	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					7/31/2006		7/31/2006		7/31/2006	
Time Sampled										
%Moisture :	0		0		55		47		49	
pH :					7.2		7.3		8 0	
Dilution Factor :	1.0		1.0		1.0		1 0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	33	U	33	U	73	U	62	U	65	U
Aroclor-1221	33	U	33	U	73	U	62	U	65	U
Aroclor-1232	33	U	33	U	73	U	62	U	65	U
Aroclor-1242	33	U	33	U	73	U	62	U	65	U
Aroclor-1248	33	U	33	U	73	U	62	U	65	U
Aroclor-1254	33	U	33	U	73	U	62	U	65	U
Aroclor-1260	33	U	33	U	73	U	20	J	65	U
Aroclor-1262	33	U	33	U	73	U	62	U	65	U
Aroclor-1268	33	U	33	U	73	U	62	U	65	U

Case # 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab. SHEALY
Reviewer .
Date .

Sample Number :	PBLK92RE									
Sampling Location										
Matrix :	Soil									
Units :	ug/Kg									
Date Sampled .										
Time Sampled :										
%Moisture :	0									
pH :										
Dilution Factor :	1 0									
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7	UJ								
beta-BHC	1.7	UJ								
delta-BHC	1.7	UJ								
gamma-BHC (Lindane)	1 7	UJ								
Heptachlor	1.7	UJ								
Aldrin	1.7	UJ								
Heptachlor epoxide	1.7	UJ								
Endosulfan I	1.7	UJ								
Dieldrin	3.3	UJ								
4,4'-DDE	3.3	UJ								
Endrin	3.3	UJ								
Endosulfan II	3.3	UJ								
4,4'-DDD	3.3	UJ								
Endosulfan sulfate	3.3	UJ								
4,4'-DDT	3.3	UJ								
Methoxychlor	17	UJ								
Endrin ketone	3.3	UJ								
Endrin aldehyde	3.3	UJ								
alpha-Chlordane	1.7	UJ								
gamma-Chlordane	1.7	UJ								
Toxaphene	170	UJ								

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00P7RX		PBLK06		PBLK06RE		PBLK61		PBLK92	
Sampling Location :										
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled										
Time Sampled :										
%Moisture :	8		0		0		0		0	
pH :	8.4									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
beta-BHC	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
delta-BHC	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
gamma-BHC (Lindane)	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Heptachlor	1.6	J	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Aldrin	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Heptachlor epoxide	1.1	J	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Endosulfan I	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Dieldrin	6.0	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
4,4'-DDE	3.6	UJ	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
Endrin	2.4	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
Endosulfan II	0.95	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
4,4'-DDD	10	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
Endosulfan sulfate	3.6	UJ	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
4,4'-DDT	10	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
Methoxychlor	18	UJ	0.64	J	17	UJ	12	J	17	UJ
Endrin ketone	4.6	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
Endrin aldehyde	15	J	3.3	UJ	3.3	UJ	3.3	UJ	3.3	UJ
alpha-Chlordane	0.47	J	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
gamma-Chlordane	1.8	UJ	1.7	UJ	1.7	UJ	1.7	UJ	1.7	UJ
Toxaphene	180	UJ	170	UJ	170	UJ	170	UJ	170	UJ

Case # 35607 SDG . E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00P6		E00P6RE		E00P6RX		E00P7		E00P7RE	
Sampling Location :	X119A		X119A				X110		X110	
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006						8/1/2006			
Time Sampled										
%Moisture :	16		16		16		8		8	
pH .	8.3		8.3		8 3		8 4		8 4	
Dilution Factor :	1.0		1 0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.0	R	2.0	R	2.0	UJ	1.8	R	1.8	R
beta-BHC	2.0	R	2.0	R	2.0	UJ	1.8	R	1.8	R
delta-BHC	2.0	R	2.0	R	2.0	UJ	1.8	R	1.8	R
gamma-BHC (Lindane)	2.0	R	0.76	J	1.1	J	1.8	R	1.8	R
Heptachlor	2.0	R	2.0	R	6.4	J	1.8	R	1.8	R
Aldrin	2.0	R	2.0	R	2.0	UJ	1.8	R	1.8	R
Heptachlor epoxide	1.0	J	1.0	J	61	J	0.43	J	0.47	J
Endosulfan I	2.0	R	2.0	R	15	J	1.8	R	1.8	R
Dieldrin	4.9	J	4.0	R	820	J	3.6	R	3.6	R
4,4'-DDE	2.5	J	1.2	J	91	J	3.6	R	3.6	R
Endrin	23	J	19	J	390	J	1.2	J	1.4	J
Endosulfan II	1.2	J	1.3	J	100	J	3.6	R	3.6	R
4,4'-DDD	2.4	J	4.0	J	1700	J	3.6	R	3.6	R
Endosulfan sulfate	3.9	R	4.0	R	8.8	J	3.6	R	3.6	R
4,4'-DDT	12	J	7.6	J	7.1	J	3.6	R	3.6	R
Methoxychlor	20	R	20	R	100	J	18	R	18	R
Endrin ketone	13	J	4.0	R	4.0	UJ	1.2	J	3.6	R
Endrin aldehyde	3.7	J	7.4	J	1300	J	3.6	R	3.6	R
alpha-Chlordane	2.0	R	0.65	J	2.0	UJ	1.8	R	1.8	R
gamma-Chlordane	1.3	J	1.1	J	2.0	UJ	1.8	R	1.8	R
Toxaphene	200	R	200	R	200	UJ	180	R	180	R

Analytical Results (Qualified Data)

Case #: 35607 SDG: E00M7
Site: ILADA WASTE COMPANY
Lab: SHEALY
Reviewer:
Date

Sample Number:	E00P4RX		E00P4RXDL		E00P5		E00P5RE		E00P5RX	
Sampling Location:					X119B		X119B			
Matrix:	Soil		Soil		Soil		Soil		Soil	
Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled:					8/1/2006					
Time Sampled:										
%Moisture:	26		26		22		22		22	
pH:	5.8		5.8		7.3		7.3		7.3	
Dilution Factor:	10.0		20.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	23	UJ	46	UJ	2.2	R	2.2	R	2.2	UJ
beta-BHC	16	J	15	J	2.2	R	2.2	R	1.5	J
delta-BHC	60	J	64	J	2.2	R	0.69	J	2.2	UJ
gamma-BHC (Lindane)	14	J	14	J	2.2	R	4.3	J	1.1	J
Heptachlor	41	J	35	J	0.80	J	0.93	J	4.0	J
Aldrin	92	J	110	J	2.2	R	2.2	R	4.6	J
Heptachlor epoxide	23	UJ	46	UJ	1.8	J	2.9	J	4.5	J
Endosulfan I	23	UJ	21	J	3.2	J	1.7	J	4.4	J
Dieldrin	260	J	260	J	7.4	J	4.2	R	7.1	J
4,4'-DDE	12	J	90	UJ	12	J	4.1	J	60	J
Endrin	810	J	820	J	25	J	19	J	210	J
Endosulfan II	40	J	40	J	2.1	J	2.0	J	11	J
4,4'-DDD	45	UJ	90	UJ	4.3	R	4.2	R	2.2	J
Endosulfan sulfate	45	UJ	33	J	4.3	R	4.2	R	1.3	J
4,4'-DDT	750	J	710	J	5.6	J	6.5	J	230	J
Methoxychlor	230	UJ	460	UJ	22	R	22	R	22	UJ
Endrin ketone	270	J	310	J	11	J	2.2	R	2.2	UJ
Endrin aldehyde	350	J	340	J	18	J	5.3	J	69	J
alpha-Chlordane	26	J	26	J	4.0	J	2.9	J	24	J
gamma-Chlordane	26	J	23	J	2.2	R	2.2	R	1.2	J
Toxaphene	2300	UJ	4600	UJ	220	R	220	R	220	UJ

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab . SHEALY
Reviewer :
Date :

Sample Number :	E00P2REDL		E00P2RX		E00P4		E00P4RE		E00P4REDL	
Sampling Location :					X107		X107			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					8/1/2006					
Time Sampled .										
%Moisture	18		18		26		26		26	
pH :	5 7		5 7		5 8		5.8		5.8	
Dilution Factor :	10.0		10.0		1.0		10 0		100.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	21	R	21	UJ	17	J	23	R	69	J
beta-BHC	21	R	21	UJ	36	J	23	R	230	R
delta-BHC	12	J	8.6	J	160	J	23	R	97	J
gamma-BHC (Lindane)	21	R	21	UJ	36	J	23	R	230	R
Heptachlor	12	J	7.6	J	28	J	23	R	140	J
Aldrin	26	J	15	J	110	J	12	J	320	J
Heptachlor epoxide	16	J	6.1	J	4.0	J	12	J	280	J
Endosulfan I	40	J	21	UJ	2.3	R	23	R	170	J
Dieldrin	40	R	40	UJ	420	J	180	J	4100	J
4,4'-DDE	68	J	20	J	66	J	45	R	280	J
Endrin	780	J	500	J	600	J	610	J	14000	J
Endosulfan II	29	J	10	J	520	J	23	J	530	J
4,4'-DDD	24	J	40	UJ	590	J	14	J	490	J
Endosulfan sulfate	40	R	40	UJ	120	J	45	R	250	J
4,4'-DDT	290	J	390	J	71	J	270	J	5900	J
Methoxychlor	210	R	210	UJ	550	J	230	R	650	J
Endrin ketone	6.5	J	40	UJ	180	J	7.7	J	13000	J
Endrin aldehyde	320	J	230	J	540	J	270	J	5900	J
alpha-Chlordane	11	J	21	UJ	69	J	23	R	120	J
gamma-Chlordane	21	R	21	UJ	780	J	23	R	130	J
Toxaphene	2100	R	2100	UJ	230	R	2300	R	65000	J

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab . SHEALY
Reviewer :
Date

Sample Number :	E00P1		E00P1RE		E00P1RX		E00P2		E00P2RE	
Sampling Location .	X118		X118				X106		X106	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006						8/1/2006			
Time Sampled :										
%Moisture .	20		20		20		18		18	
pH :	7.7		7.7		7 7		5.7		5.7	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.1	R	2.1	R	2.1	UJ	2.1	R	2.1	R
beta-BHC	2.1	R	2.1	R	2.1	UJ	4.6	J	5 2	J
delta-BHC	2.1	R	2.1	R	2.1	UJ	11	J	11	J
gamma-BHC (Lindane)	2.1	R	2.1	R	2.1	UJ	2.0	J	1.3	J
Heptachlor	2.1	R	2.1	R	2.1	UJ	9.4	J	5.6	J
Aldrin	2.1	R	2.1	R	2.1	UJ	32	J	21	J
Heptachlor epoxide	2.1	R	2.1	R	2.1	UJ	26	J	21	J
Endosulfan I	2.1	R	2.1	R	2.1	UJ	18	J	12	J
Dieldrin	4.1	R	4.1	R	4.1	UJ	230	J	220	J
4,4'-DDE	4.1	R	4.1	R	4.1	UJ	43	J	27	J
Endrin	4.1	R	0.23	J	4.1	UJ	110	J	110	J
Endosulfan II	4.1	R	4.1	R	4.1	UJ	6.4	J	2.2	J
4,4'-DDD	4.1	R	4.1	R	4.1	UJ	740	J	740	J
Endosulfan sulfate	4.1	R	4.1	R	4.1	UJ	7 9	J	2.1	J
4,4'-DDT	4.1	R	4.1	R	4.1	UJ	300	J	300	J
Methoxychlor	21	R	21	R	21	UJ	560	J	480	J
Endrin ketone	4.1	R	4.1	R	4.1	UJ	700	J	620	J
Endrin aldehyde	4.1	R	4.1	R	4.1	UJ	290	J	300	J
alpha-Chlordane	2.1	R	2.1	R	2.1	UJ	2.7	J	0.93	J
gamma-Chlordane	2.1	R	2.1	R	2.1	UJ	19	J	15	J
Toxaphene	210	R	210	R	210	UJ	210	R	210	R

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00N9RE		E00N9RX		E00P0		E00P0RE		E00P0RX	
Sampling Location :	X116				X117		X117			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					8/1/2006					
Time Sampled										
%Moisture :	20		20		20		20		20	
pH :	7.2		7.2		8.0		8.0		8.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
beta-BHC	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
delta-BHC	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
gamma-BHC (Lindane)	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
Heptachlor	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
Aldrin	2.1	R	2.1	UJ	2.1	R	2.1	R	2.1	UJ
Heptachlor epoxide	1.7	J	0.97	J	2.1	R	0.46	J	0.74	J
Endosulfan I	2.8	J	2.1	UJ	2.1	R	1.3	J	2.1	UJ
Dieldrin	14	J	15	J	2.3	J	1.4	J	18	J
4,4'-DDE	7.0	J	1.0	J	1.5	J	4.1	R	4.1	UJ
Endrin	44	J	59	J	7.3	J	6.1	UJ	54	J
Endosulfan II	2.6	J	1.7	J	4.1	R	4.1	R	1.9	J
4,4'-DDD	1.8	J	4.1	UJ	4.1	R	4.1	R	4.1	UJ
Endosulfan sulfate	4.1	R	1.4	J	4.1	R	4.1	R	4.1	UJ
4,4'-DDT	32	J	41	J	3.2	J	3.8	J	44	J
Methoxychlor	21	R	21	UJ	21	R	21	R	21	UJ
Endrin ketone	4.1	R	4.1	UJ	4.5	J	14	R	6.3	J
Endrin aldehyde	19	J	27	J	2.8	J	2.7	J	27	J
alpha-Chlordane	0.75	J	2.1	UJ	2.1	R	2.1	R	2.1	UJ
gamma-Chlordane	1.3	J	2.1	UJ	2.1	R	0.26	J	2.1	UJ
Toxaphene	210	R	210	UJ	210	R	210	R	210	UJ

Analytical Results (Qualified Data)

Case #. 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab. . SHEALY
Reviewer :
Date :

Sample Number :	E00N7RX		E00N8		E00N8RE		E00N8RX		E00N9	
Sampling Location			X101B		X101B				X116	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled .			8/1/2006						8/1/2006	
Time Sampled .										
%Moisture :	15		14		14		14		20	
pH	7.8		7.9		7.9		7.9		7.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.0	UJ	2.0	R	2.0	R	2.0	UJ	2.1	R
beta-BHC	2.0	UJ	2.0	R	2.0	R	2.0	UJ	0.60	J
delta-BHC	2.0	UJ	2.0	R	2.0	R	2.0	UJ	0.56	J
gamma-BHC (Lindane)	2.0	UJ	2.0	R	2.0	R	2.0	UJ	2.1	R
Heptachlor	0.46	J	2.0	R	2.0	R	2.0	UJ	1.0	J
Aldrin	2.0	UJ	2.0	R	2.0	R	2.0	UJ	2.1	R
Heptachlor epoxide	2.0	UJ	0.77	J	0.56	J	2.0	UJ	1.8	J
Endosulfan I	2.0	UJ	0.94	J	1.1	J	2.0	UJ	1.1	J
Dieldrin	3.9	UJ	3.5	J	3.8	J	3.9	UJ	15	J
4,4'-DDE	3.9	UJ	1.3	J	1.4	J	3.9	UJ	7.4	J
Endrin	2.0	J	7.3	J	8.1	J	2.4	J	47	J
Endosulfan II	3.9	UJ	3.9	R	3.9	R	3.9	UJ	2.7	J
4,4'-DDD	3.9	UJ	3.9	R	1.2	J	3.9	UJ	2.1	J
Endosulfan sulfate	3.9	UJ	2.1	J	1.4	J	0.94	J	4.1	R
4,4'-DDT	3.9	UJ	10	J	11	J	3.9	UJ	19	J
Methoxychlor	20	UJ	20	R	20	R	20	UJ	3.0	J
Endrin ketone	3.9	UJ	3.9	R	3.9	R	3.9	UJ	16	J
Endrin aldehyde	3.9	UJ	5.7	J	5.9	J	2.4	J	21	J
alpha-Chlordane	2.0	UJ	2.0	R	2.0	R	2.0	UJ	1.2	J
gamma-Chlordane	2.0	UJ	2.0	R	2.0	R	2.0	UJ	1.3	J
Toxaphene	200	UJ	200	R	200	R	200	UJ	210	R

Case # 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number	E00N5RE		E00N6		E00N6RE		E00N7		E00N7RE	
Sampling Location :	X208		X209		X209		X101A		X101A	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			7/31/2006				8/1/2006			
Time Sampled .										
%Moisture :	33		35		35		15		15	
pH :	7.5		7.7		7 7		7 8		7 8	
Dilution Factor :	1 0		1.0		1 0		1.0		1 0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.5	UJ	2.6	UJ	2.6	UJ	2.0	R	2.0	R
beta-BHC	2.5	UJ	2.6	UJ	2.6	UJ	2.0	R	2.0	R
delta-BHC	2.5	UJ	2.6	UJ	0.27	J	2.0	R	2.0	R
gamma-BHC (Lindane)	2.5	UJ	2.6	UJ	2.6	UJ	2.0	R	2.0	R
Heptachlor	2.5	UJ	2.6	UJ	2.6	UJ	2.0	R	2.0	R
Aldrin	2.5	UJ	2.6	UJ	2.6	UJ	2.0	R	2.0	R
Heptachlor epoxide	1.0	J	2.6	UJ	2.6	UJ	2.0	R	2.0	R
Endosulfan I	2.5	UJ	2.6	UJ	1.5	J	2.0	R	2.0	R
Dieldrin	5.9	J	1.6	J	1.5	J	3.9	R	3.9	R
4,4'-DDE	4.9	UJ	5.1	UJ	5.1	UJ	3.9	R	3.9	R
Endrin	19	J	6.6	J	6.4	J	3.9	R	3.9	R
Endosulfan II	1.3	J	5.1	UJ	2.6	UJ	3.9	R	3.9	R
4,4'-DDD	4.9	UJ	5.1	UJ	5.1	UJ	3.9	R	3.9	R
Endosulfan sulfate	4 9	UJ	5.1	UJ	5.1	UJ	3.9	R	3.9	R
4,4'-DDT	14	J	5.0	J	4.9	J	3.9	R	3.9	R
Methoxychlor	1 5	J	26	UJ	26	UJ	20	R	20	R
Endrin ketone	4.9	UJ	4.1	J	5.1	UJ	3.9	R	3.9	R
Endrin aldehyde	8.5	J	2.8	J	3.0	J	3.9	R	3.9	R
alpha-Chlordane	2.5	UJ	0.40	J	2.6	UJ	2.0	R	2.0	R
gamma-Chlordane	2 5	UJ	0.68	J	2.6	UJ	2.0	R	2.0	R
Toxaphene	250	UJ	260	UJ	260	UJ	200	R	200	R

Case #. 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date

Sample Number	E00N3		E00N3RE		E00N4		E00N4RE		E00N5	
Sampling Location :	X206		X206		X207		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	7/31/2006				7/31/2006				7/31/2006	
Time Sampled :										
%Moisture	45		45		52		52		33	
pH	7 6		7.6		7 9		7.9		7 5	
Dilution Factor :	1.0		1.0		1.0		1 0		1 0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
beta-BHC	3 1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
delta-BHC	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
gamma-BHC (Lindane)	3.1	UJ	3.1	UJ	3 6	UJ	3.6	UJ	2.5	UJ
Heptachlor	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
Aldrin	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
Heptachlor epoxide	0.35	J	3.1	UJ	3.6	UJ	3.6	UJ	1.5	J
Endosulfan I	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
Dieldrin	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	8.5	J
4,4'-DDE	6.0	UJ	6.0	UJ	6 9	UJ	6.9	UJ	4.9	UJ
Endrin	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	19	J
Endosulfan II	6.0	UJ	6.0	UJ	0.45	J	6.9	UJ	1.2	J
4,4'-DDD	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	5.4	J
Endosulfan sulfate	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	4.9	UJ
4,4'-DDT	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	8.3	J
Methoxychlor	31	UJ	31	UJ	36	UJ	36	UJ	25	UJ
Endrin ketone	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	14	J
Endrin aldehyde	6.0	UJ	6.0	UJ	6.9	UJ	6.9	UJ	9.0	J
alpha-Chlordane	0.88	J	0.86	J	3.6	UJ	3.6	UJ	2.5	UJ
gamma-Chlordane	3.1	UJ	3.1	UJ	3.6	UJ	3.6	UJ	2.5	UJ
Toxaphene	310	UJ	310	UJ	360	UJ	360	UJ	250	UJ

Case # 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab SHEALY
Reviewer :
Date :

Sample Number :	E00M9RE		E00N1		E00N1RE		E00N2		E00N2RE	
Sampling Location :	X202		X204		X204		X205		X205	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			7/31/2006				7/31/2006			
Time Sampled										
%Moisture :	49		50		50		48		48	
pH .	8 0		7.5		7.5		7.8		7 8	
Dilution Factor .	1.0		1 0		1.0		1 0		1 0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
beta-BHC	3 3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
delta-BHC	3.3	UJ	0.88	J	3.4	UJ	3.3	UJ	3.3	UJ
gamma-BHC (Lindane)	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Heptachlor	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Aldrin	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Heptachlor epoxide	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Endosulfan I	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Dieldrin	6.5	UJ	2.2	J	2.3	J	6.3	UJ	6.3	UJ
4,4'-DDE	6.5	UJ	6.6	UJ	6.6	UJ	6 3	UJ	6.3	UJ
Endrin	6.5	UJ	8.8	J	8.2	J	6.3	UJ	6.3	UJ
Endosulfan II	6.5	UJ	6.6	UJ	6.6	UJ	6.3	UJ	6.3	UJ
4,4'-DDD	6.5	UJ	6.6	UJ	6.6	UJ	6.3	UJ	6.3	UJ
Endosulfan sulfate	6.5	UJ	6.6	UJ	6.6	UJ	6.3	UJ	6.3	UJ
4,4'-DDT	6.5	UJ	5.9	J	6.3	J	6.3	UJ	6.3	UJ
Methoxychlor	33	UJ	34	UJ	34	UJ	33	UJ	33	UJ
Endrin ketone	6.5	UJ	6.6	UJ	6.6	UJ	6.3	UJ	6.3	UJ
Endrin aldehyde	6.5	UJ	3.3	J	3.5	J	6.3	UJ	0.45	J
alpha-Chlordane	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
gamma-Chlordane	3.3	UJ	3.4	UJ	3.4	UJ	3.3	UJ	3.3	UJ
Toxaphene	330	UJ	340	UJ	340	UJ	330	UJ	330	UJ

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Number of Soil Samples : 19
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	E00M7		E00M7RE		E00M8		E00M8RE		E00M9	
Sampling Location :	X102		X102		X201		X201		X202	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006				7/31/2006				7/31/2006	
Time Sampled :										
%Moisture	55		55		47		47		49	
pH :	7.2		7.2		7.3		7.3		8.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
beta-BHC	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
delta-BHC	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
gamma-BHC (Lindane)	1.1	J	1.1	J	3.2	UJ	3.2	UJ	3.3	UJ
Heptachlor	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
Aldrin	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
Heptachlor epoxide	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
Endosulfan I	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
Dieldrin	7.3	UJ	7.3	UJ	0.73	J	0.72	J	6.5	UJ
4,4'-DDE	7.3	UJ	7.3	UJ	6.2	UJ	6.2	UJ	6.5	UJ
Endrin	2.1	J	2.1	J	6.2	UJ	6.2	UJ	6.5	UJ
Endosulfan II	7.3	UJ	7.3	UJ	0.53	J	6.2	UJ	6.5	UJ
4,4'-DDD	7.3	UJ	7.3	UJ	6.2	UJ	6.2	UJ	6.5	UJ
Endosulfan sulfate	7.3	UJ	7.3	UJ	6.2	UJ	6.2	UJ	6.5	UJ
4,4'-DDT	7.3	UJ	7.3	UJ	6.2	UJ	0.70	J	0.42	J
Methoxychlor	37	UJ	37	UJ	32	UJ	32	UJ	33	UJ
Endrin ketone	7.3	UJ	7.3	UJ	0.57	J	0.41	J	6.5	UJ
Endrin aldehyde	7.3	UJ	7.3	UJ	6.2	UJ	6.2	UJ	6.5	UJ
alpha-Chlordane	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
gamma-Chlordane	3.7	UJ	3.7	UJ	3.2	UJ	3.2	UJ	3.3	UJ
Toxaphene	370	UJ	370	UJ	320	UJ	320	UJ	330	UJ

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer
Date :

Sample Number	SBLK66		SBLK79		SBLK94					
Sampling Location										
Matrix	Soil		Soil		Soil					
Units	ug/Kg		ug/Kg		ug/Kg					
Date Sampled										
Time Sampled										
%Moisture	0		0		0					
pH										
Dilution Factor	1.0		1.0		1.0					
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	330	U	330	U	9900	U				
4-Nitrophenol	330	U	330	U	9900	U				
Dibenzofuran	170	UJ	170	U	5100	U				
2,4-Dinitrotoluene	170	U	170	U	5100	U				
Diethylphthalate	170	U	170	U	5100	U				
Fluorene	170	UJ	170	U	5100	U				
4-Chlorophenyl-phenylether	170	UJ	170	U	5100	U				
4-Nitroaniline	330	U	330	U	9900	U				
4,6-Dinitro-2-methylphenol	330	U	330	U	9900	U				
N-Nitrosodiphenylamine	170	U	170	U	5100	U				
1,2,4,5-Tetrachlorobenzene	170	U	170	U	5100	U				
4-Bromophenyl-phenylether	170	UJ	170	U	5100	U				
Hexachlorobenzene	170	U	170	U	5100	U				
Atrazine	170	U	170	U	5100	U				
Pentachlorophenol	330	U	330	U	9900	U				
Phenanthrene	170	U	170	U	5100	U				
Anthracene	170	U	170	U	5100	U				
Carbazole	170	UJ	170	U	5100	U				
Di-n-butylphthalate	37	J	33	J	5100	U				
Fluoranthene	170	U	170	U	5100	U				
Pyrene	170	U	170	U	5100	U				
Butylbenzylphthalate	170	U	170	U	690	J				
3,3'-Dichlorobenzidine	170	U	170	U	5100	U				
Benzo(a)anthracene	170	U	170	U	5100	U				
Chrysene	170	U	170	U	750	J				
Bis(2-ethylhexyl)phthalate	29	J	30	J	870	J				
Di-n-octylphthalate	17	J	32	J	5100	U				
Benzo(b)fluoranthene	170	U	170	U	5100	U				
Benzo(k)fluoranthene	170	U	170	U	5100	U				
Benzo(a)pyrene	170	U	170	U	5100	U				
Indeno(1,2,3-cd)pyrene	170	U	170	U	5100	U				
Dibenzo(a,h)anthracene	170	U	170	U	5100	U				
Benzo(g,h,i)perylene	170	U	170	U	5100	U				
2,3,4,6-Tetrachlorophenol	170	U	170	U	5100	U				

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab SHEALY
Reviewer
Date :

Sample Number :	SBLK66		SBLK79		SBLK94					
Sampling Location :										
Matrix :	Soil		Soil		Soil					
Units	ug/Kg		ug/Kg		ug/Kg					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	170	U	170	U	5100	U				
Phenol	170	U	170	U	5100	U				
Bis(2-Chloroethyl)ether	170	U	170	U	5100	U				
2-Chlorophenol	170	U	170	U	5100	U				
2-Methylphenol	170	U	170	U	5100	U				
2,2'-Oxybis(1-chloropropane)	170	U	170	U	5100	U				
Acetophenone	170	U	170	U	5100	U				
4-Methylphenol	170	U	170	U	5100	U				
N-Nitroso-di-n-propylamine	170	U	170	U	5100	U				
Hexachloroethane	170	U	170	U	5100	U				
Nitrobenzene	170	U	170	U	5100	U				
Isophorone	170	U	170	U	5100	U				
2-Nitrophenol	170	U	170	U	5100	U				
2,4-Dimethylphenol	170	U	170	U	5100	U				
Bis(2-Chloroethoxy)methane	170	U	170	U	5100	U				
2,4-Dichlorophenol	170	U	170	U	5100	U				
Naphthalene	170	U	170	U	5100	U				
4-Chloroaniline	170	U	170	U	5100	U				
Hexachlorobutadiene	170	U	170	U	5100	U				
Caprolactam	170	U	170	U	5100	U				
4-Chloro-3-methylphenol	170	U	170	U	5100	U				
2-Methylnaphthalene	170	U	170	U	5100	U				
Hexachlorocyclopentadiene	170	UJ	170	UJ	5100	U				
2,4,6-Trichlorophenol	170	U	170	U	5100	U				
2,4,5-Trichlorophenol	170	U	170	U	5100	U				
1,1'-Biphenyl	170	U	170	U	5100	U				
2-Chloronaphthalene	170	U	170	U	5100	U				
2-Nitroaniline	330	U	330	U	9900	U				
Dimethylphthalate	170	U	170	U	5100	U				
2,6-Dinitrotoluene	170	U	170	U	5100	U				
Acenaphthylene	170	U	170	U	5100	U				
3-Nitroaniline	330	U	330	U	9900	U				
Acenaphthene	170	U	170	U	5100	U				

Case #: 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number	E00P5ME		E00P6		E00P7		SBLK04		SBLK55	
Sampling Location			X119A		X110					
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled			8/1/2006		8/1/2006					
Time Sampled										
%Moisture	22		16		8		0		0	
pH	7.3		8.3		8.4					
Dilution Factor	1.0		1.0		10.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	13000	U	400	U	3600	U	330	U	330	U
4-Nitrophenol	13000	U	400	U	3600	U	330	U	330	U
Dibenzofuran	6500	U	200	U	1800	U	170	U	170	U
2,4-Dinitrotoluene	6500	U	200	U	1800	U	170	U	170	U
Diethylphthalate	6500	U	200	U	1800	U	170	U	170	U
Fluorene	6500	U	200	U	440	J	170	U	170	U
4-Chlorophenyl-phenylether	6500	U	200	U	1800	U	170	U	170	U
4-Nitroaniline	13000	U	400	U	3600	U	330	U	330	U
4,6-Dinitro-2-methylphenol	13000	U	400	U	3600	U	330	U	330	U
N-Nitrosodiphenylamine	6500	U	200	U	1800	U	170	U	170	U
1,2,4,5-Tetrachlorobenzene	6500	U	200	U	1800	U	170	U	170	U
4-Bromophenyl-phenylether	6500	U	200	U	1800	U	170	U	170	U
Hexachlorobenzene	6500	U	200	U	1800	U	170	U	170	U
Atrazine	6500	U	200	U	1800	U	170	U	170	U
Pentachlorophenol	13000	U	400	U	3600	U	330	U	330	U
Phenanthrene	6500	U	200	U	1400	J	170	U	170	U
Anthracene	6500	U	200	U	1800	U	170	U	170	U
Carbazole	6500	U	200	U	330	J	170	U	170	U
Di-n-butylphthalate	6500	U	200	U	1800	U	24	J	20	J
Fluoranthene	6500	U	26	J	650	J	170	U	170	U
Pyrene	6500	U	68	J	4500		170	U	170	U
Butylbenzylphthalate	6500	U	200	U	1800	U	170	U	170	U
3,3-Dichlorobenzidine	6500	U	200	U	1800	U	170	U	170	U
Benzo(a)anthracene	6500	U	29	J	1800	U	170	U	170	U
Chrysene	6500	U	29	J	1800	U	170	U	170	U
Bis(2-ethylhexyl)phthalate	6500	U	200	U	1800	U	22	J	26	J
Di-n-octylphthalate	6500	U	200	U	1800	U	170	U	170	U
Benzo(b)fluoranthene	6500	U	62	J	1800	U	170	U	170	U
Benzo(k)fluoranthene	6500	U	22	J	1800	U	170	U	170	U
Benzo(a)pyrene	6500	U	61	J	250	J	170	U	170	U
Indeno(1,2,3-cd)pyrene	6500	U	37	J	1800	U	170	U	170	U
Dibenzo(a,h)anthracene	6500	U	200	U	1800	U	170	U	170	U
Benzo(g,h,i)perylene	6500	U	46	J	1800	U	170	U	170	U
2,3,4,6-Tetrachlorophenol	6500	U	200	U	1800	U	170	U	170	U

Case # 35607 SDG . E00M7
Site . ILADA WASTE COMPANY
Lab SHEALY
Reviewer .
Date .

Sample Number :	E00P5ME		E00P6		E00P7		SBLK04		SBLK55	
Sampling Location :			X119A		X110					
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled .			8/1/2006		8/1/2006					
Time Sampled										
%Moisture :	22		16		8		0		0	
pH .	7 3		8.3		8 4					
Dilution Factor .	1.0		1.0		10.0		1 0		1 0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	6500	U	200	U	1800	U	170	U	170	U
Phenol	6500	U	200	U	1800	U	170	U	170	U
Bis(2-Chloroethyl)ether	6500	U	200	U	1800	U	170	U	170	U
2-Chlorophenol	6500	U	200	U	1800	U	170	U	170	U
2-Methylphenol	6500	U	200	U	1800	U	170	U	170	U
2,2'-Oxybis(1-chloropropane)	6500	U	200	U	1800	U	170	U	170	U
Acetophenone	6500	U	200	U	1800	U	170	U	170	U
4-Methylphenol	6500	U	200	U	1800	U	170	U	170	U
N-Nitroso-di-n-propylamine	6500	U	200	U	1800	U	170	U	170	U
Hexachloroethane	6500	U	200	U	1800	U	170	U	170	U
Nitrobenzene	6500	U	200	U	1800	U	170	U	170	U
Isophorone	6500	U	200	U	1800	U	170	U	170	U
2-Nitrophenol	6500	U	200	U	1800	U	170	U	170	U
2,4-Dimethylphenol	6500	U	200	U	1800	U	170	U	170	U
Bis(2-Chloroethoxy)methane	6500	U	200	U	1800	U	170	U	170	U
2,4-Dichlorophenol	6500	U	200	U	1800	U	170	U	170	U
Naphthalene	6500	U	200	U	250	J	170	U	170	U
4-Chloroaniline	6500	U	200	U	1800	U	170	U	170	U
Hexachlorobutadiene	6500	U	200	U	1800	U	170	U	170	U
Caprolactam	6500	U	200	U	1800	U	170	U	170	U
4-Chloro-3-methylphenol	6500	U	200	U	1800	U	170	U	170	U
2-Methylnaphthalene	6500	U	200	U	1100	J	170	U	170	U
Hexachlorocyclopentadiene	6500	U	200	U	1800	U	170	U	170	U
2,4,6-Trichlorophenol	6500	U	200	U	1800	U	170	U	170	U
2,4,5-Trichlorophenol	6500	U	200	U	1800	U	170	U	170	U
1,1'-Biphenyl	6500	U	200	U	1800	U	170	U	170	U
2-Chloronaphthalene	6500	U	200	U	1800	U	170	U	170	U
2-Nitroaniline	13000	U	400	U	3600	U	330	U	330	U
Dimethylphthalate	6500	U	200	U	1800	U	170	U	170	U
2,6-Dinitrotoluene	6500	U	200	U	1800	U	170	U	170	U
Acenaphthylene	6500	U	200	U	1800	U	170	U	170	U
3-Nitroaniline	13000	U	400	U	3600	U	330	U	330	U
Acenaphthene	6500	U	200	U	1800	U	170	U	170	U

Case # 35607 SDG E00M7
Site . ILADA WASTE COMPANY
Lab . SHEALY
Reviewer :
Date :

Sample Number :	E00P0		E00P1		E00P2		E00P4		E00P5	
Sampling Location :	X117		X118		X106		X107		X119B	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/1/2006		8/1/2006	
Time Sampled										
%Moisture :	20		20		18		26		22	
pH :	8 0		7.7		5 7		5.8		7.3	
Dilution Factor :	1 0		10 0		10.0		10 0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	410	U	4100	U	4000	U	4400	U	420	U
4-Nitrophenol	410	U	4100	U	4000	U	4400	U	420	U
Dibenzofuran	210	UJ	2100	U	2100	U	2300	U	220	U
2,4-Dinitrotoluene	210	U	2100	U	2100	U	2300	U	220	U
Diethylphthalate	210	UJ	2100	U	2100	U	2300	U	220	U
Fluorene	210	UJ	2100	U	490	J	1400	J	220	U
4-Chlorophenyl-phenylether	210	UJ	2100	U	2100	U	2300	U	220	U
4-Nitroaniline	410	U	4100	U	4000	U	4400	U	420	U
4,6-Dinitro-2-methylphenol	410	U	4100	U	4000	U	4400	U	420	U
N-Nitrosodiphenylamine	210	U	2100	U	2100	U	2300	U	220	U
1,2,4,5-Tetrachlorobenzene	210	U	2100	U	2100	U	2300	U	220	U
4-Bromophenyl-phenylether	210	UJ	2100	U	2100	U	2300	U	220	U
Hexachlorobenzene	210	U	2100	U	2100	U	2300	U	220	U
Atrazine	210	U	2100	U	2100	U	2300	U	220	U
Pentachlorophenol	410	U	4100	U	4000	U	4600		420	U
Phenanthrene	210	U	1500	J	1500	J	6200		22	J
Anthracene	210	U	2100	U	2100	U	2300	U	220	U
Carbazole	210	UJ	240	J	280	J	270	J	220	U
Di-n-butylphthalate	210	UJ	2100	U	2100	U	2300	U	220	U
Fluoranthene	210	U	2100	U	2100	U	2300	U	32	J
Pyrene	33	J	2100	U	2100	U	2300	U	120	J
Butylbenzylphthalate	210	UJ	2100	U	2100	U	2300	U	220	U
3,3'-Dichlorobenzidine	210	U	2100	U	2100	U	2300	U	220	U
Benzo(a)anthracene	210	U	2100	U	2100	U	2300	U	220	U
Chrysene	210	U	2100	U	2100	U	2300	U	35	J
Bis(2-ethylhexyl)phthalate	210	UJ	2100	U	2100	U	2300	U	220	U
Di-n-octylphthalate	210	UJ	2100	U	2100	U	2300	U	220	UJ
Benzo(b)fluoranthene	210	U	2100	U	2100	U	2300	U	50	J
Benzo(k)fluoranthene	210	U	2100	U	2100	U	2300	U	220	U
Benzo(a)pyrene	29	J	2100	U	2100	U	600	J	32	J
Indeno(1,2,3-cd)pyrene	210	U	2100	U	2100	U	2300	U	220	U
Dibenzo(a,h)anthracene	210	U	2100	U	2100	U	2300	U	220	U
Benzo(g,h,i)perylene	34	J	2100	U	2100	U	2300	U	24	J
2,3,4,6-Tetrachlorophenol	210	U	2100	U	2100	U	12000		220	U

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00P0		E00P1		E00P2		E00P4		E00P5	
Sampling Location :	X117		X118		X106		X107		X119B	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/1/2006		8/1/2006	
Time Sampled :										
%Moisture :	20		20		18		26		22	
pH :	8 0		7.7		5.7		5.8		7 3	
Dilution Factor :	1.0		10 0		10.0		10.0		1 0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	210	U	2100	U	2100	U	2300	U	220	U
Phenol	210	U	2100	U	2100	U	320	J	220	U
Bis(2-Chloroethyl)ether	210	U	2100	U	2100	U	2300	U	220	U
2-Chlorophenol	210	U	2100	U	2100	U	2300	U	220	U
2-Methylphenol	210	U	2100	U	2100	U	2300	U	220	U
2,2'-Oxybis(1-chloropropane)	210	U	2100	U	2100	U	2300	U	220	U
Acetophenone	210	U	2100	U	2100	U	2300	U	220	U
4-Methylphenol	210	U	2100	U	2100	U	990	J	220	U
N-Nitroso-di-n-propylamine	210	U	2100	U	2100	U	2300	U	220	U
Hexachloroethane	210	U	2100	U	2100	U	2300	U	220	U
Nitrobenzene	210	U	2100	U	2100	U	2300	U	220	U
Isophorone	210	U	2100	U	2100	U	2300	U	220	U
2-Nitrophenol	210	U	2100	U	2100	U	2300	U	220	U
2,4-Dimethylphenol	210	U	2100	U	2100	U	2300	U	220	U
Bis(2-Chloroethoxy)methane	210	U	2100	U	2100	U	2300	U	220	U
2,4-Dichlorophenol	210	U	2100	U	2100	U	2300	U	220	U
Naphthalene	210	U	2100	U	480	J	2300		220	U
4-Chloroaniline	210	U	2100	U	2100	U	2300	U	220	U
Hexachlorobutadiene	210	U	2100	U	2100	U	2300	U	220	U
Caprolactam	210	UJ	2100	U	2100	U	2300	U	220	U
4-Chloro-3-methylphenol	210	U	2100	U	2100	U	2300	U	220	U
2-Methylnaphthalene	210	U	2800		1800	J	7000		220	U
Hexachlorocyclopentadiene	210	U	2100	U	2100	U	2300	U	220	UJ
2,4,6-Trichlorophenol	210	U	2100	U	2100	U	2300	U	220	U
2,4,5-Trichlorophenol	210	U	2100	U	2100	U	4000		220	U
1,1'-Biphenyl	210	UJ	2100	U	2100	U	930	J	220	U
2-Chloronaphthalene	210	U	2100	U	2100	U	2300	U	220	U
2-Nitroaniline	410	U	4100	U	4000	U	4400	U	420	U
Dimethylphthalate	210	UJ	2100	U	2100	U	2300	U	220	U
2,6-Dinitrotoluene	210	U	2100	U	2100	U	2300	U	220	U
Acenaphthylene	210	U	2100	U	2100	U	2300	U	220	U
3-Nitroaniline	410	U	4100	U	4000	U	4400	U	420	U
Acenaphthene	210	U	2100	U	2100	U	2300	U	220	U

Case #: 35607 SDG E00M7
Site ILADA WASTE COMPANY
Lab SHEALY
Reviewer
Date

Sample Number	E00N7		E00N8		E00N8ME		E00N9		E00N9ME	
Sampling Location	X101A		X101B				X116			
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	8/1/2006		8/1/2006				8/1/2006			
Time Sampled										
%Moisture	15		14		14		20		20	
pH	7.8		7.9		7.9		7.2		7.2	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	390	UJ	390	U	12000	U	410	U	12000	U
4-Nitrophenol	390	U	390	U	12000	U	410	U	12000	U
Dibenzofuran	200	U	200		5100	J	57	J	1200	J
2,4-Dinitrotoluene	200	U	200	U	6000	U	210	U	6400	U
Diethylphthalate	200	U	200	U	6000	U	210	U	6400	U
Fluorene	200	U	400		11000		210	U	6400	U
4-Chlorophenyl-phenylether	200	U	200	U	6000	U	210	U	6400	U
4-Nitroaniline	390	U	390	U	12000	U	410	U	12000	U
4,6-Dinitro-2-methylphenol	390	U	390	U	12000	U	410	U	12000	U
N-Nitrosodiphenylamine	200	U	200	U	6000	U	210	U	6400	U
1,2,4,5-Tetrachlorobenzene	200	U	200	U	6000	U	210	U	6400	U
4-Bromophenyl-phenylether	200	U	200	U	6000	U	210	U	6400	U
Hexachlorobenzene	200	U	200	U	6000	U	210	U	6400	U
Atrazine	200	U	200	U	6000	U	210	U	6400	U
Pentachlorophenol	390	U	390	U	12000	U	410	U	12000	U
Phenanthrene	200	U	2300		56000		250		2200	J
Anthracene	200	U	590		14000		85	J	6400	U
Carbazole	200	U	200	U	1500	J	210	U	780	J
Di-n-butylphthalate	200	U	46	J	2500	J	44	J	1400	J
Fluoranthene	39	J	650		16000		190	J	4200	J
Pyrene	45	J	900		28000		420		15000	
Butylbenzylphthalate	200	U	200	U	6000	U	210	U	6400	U
3,3'-Dichlorobenzidine	200	U	200	U	6000	U	210	U	6400	U
Benzo(a)anthracene	200	U	340		7900		190	J	4600	J
Chrysene	22	J	460		10000		210	U	7900	
Bis(2-ethylhexyl)phthalate	200	U	200	U	6000	U	210	U	6400	U
Di-n-octylphthalate	200	UJ	30	J	1900	J	210	UJ	6400	UJ
Benzo(b)fluoranthene	26	J	250		5400	J	400		10000	
Benzo(k)fluoranthene	200	U	88	J	3200	J	120	J	3000	J
Benzo(a)pyrene	23	J	310		7000		390		11000	
Indeno(1,2,3-cd)pyrene	200	U	61	J	2600	J	140	J	4400	J
Dibenzo(a,h)anthracene	200	U	200	U	6000	U	210	U	6400	U
Benzo(g,h,i)perylene	200	U	59	J	2800	J	180	J	5500	J
2,3,4,6-Tetrachlorophenol	200	U	200	U	1000	J	210	U	800	J

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date

Sample Number :	E00N7		E00N8		E00N8ME		E00N9		E00N9ME	
Sampling Location :	X101A		X101B				X116			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006				8/1/2006			
Time Sampled :										
%Moisture :	15		14		14		20		20	
pH :	7.8		7.9		7.9		7.2		7.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	200	U	200	U	6000	U	210	U	6400	U
Phenol	200	U	200	U	6000	U	210	U	6400	U
Bis(2-Chloroethyl)ether	200	U	200	U	6000	U	210	U	6400	U
2-Chlorophenol	200	U	200	U	6000	U	210	U	6400	U
2-Methylphenol	200	U	200	U	6000	U	210	U	6400	U
2,2'-Oxybis(1-chloropropane)	200	U	200	U	6000	U	210	U	6400	U
Acetophenone	200	U	200	U	6000	U	210	U	6400	U
4-Methylphenol	200	U	200	U	6000	U	210	U	6400	U
N-Nitroso-di-n-propylamine	200	U	200	U	6000	U	210	U	6400	U
Hexachloroethane	200	U	200	U	6000	U	210	U	6400	U
Nitrobenzene	200	U	200	U	6000	U	210	U	6400	U
Isophorone	200	U	200	U	6000	U	210	U	6400	U
2-Nitrophenol	200	U	200	U	6000	U	210	U	6400	U
2,4-Dimethylphenol	200	U	200	U	6000	U	210	U	6400	U
Bis(2-Chloroethoxy)methane	200	U	200	U	6000	U	210	U	6400	U
2,4-Dichlorophenol	200	U	200	U	6000	U	210	U	880	J
Naphthalene	200	U	200	U	6000	U	210	U	6400	U
4-Chloroaniline	200	U	200	U	6000	U	210	U	6400	U
Hexachlorobutadiene	200	U	200	U	6000	U	210	U	6400	U
Caprolactam	20	J	200	U	6000	U	210	U	6400	U
4-Chloro-3-methylphenol	200	U	200	U	6000	U	210	U	6400	U
2-Methylnaphthalene	200	U	480		13000		49	J	6400	U
Hexachlorocyclopentadiene	200	UJ	200	UJ	6000	UJ	210	UJ	6400	UJ
2,4,6-Trichlorophenol	200	U	200	U	6000	U	210	U	6400	U
2,4,5-Trichlorophenol	200	U	200	U	6000	U	210	U	6400	U
1,1'-Biphenyl	200	U	200	U	6000	U	210	U	6400	U
2-Chloronaphthalene	200	U	200	U	6000	U	210	U	6400	U
2-Nitroaniline	390	U	390	U	12000	U	410	U	12000	U
Dimethylphthalate	200	U	200	U	6000	U	210	U	6400	U
2,6-Dinitrotoluene	200	U	200	U	6000	U	210	U	6400	U
Acenaphthylene	200	U	200	U	6000	U	160	J	4300	J
3-Nitroaniline	390	U	390	U	12000	U	410	U	12000	U
Acenaphthene	200	U	850		23000		210	U	6400	U

Analytical Results (Qualified Data)

Case # 35607 SDG . E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00N3		E00N4		E00N5		E00N6		E00N6ME	
Sampling Location :	X206		X207		X208		X209			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006			
Time Sampled :										
%Moisture :	45		52		33		35		35	
pH :	7.6		7.9		7.5		7.7		7.7	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	600	U	690	U	490	U	510	U	15000	U
4-Nitrophenol	600	U	690	U	490	U	510	U	15000	U
Dibenzofuran	310	U	360	U	250	U	260	UJ	7800	U
2,4-Dinitrotoluene	310	U	360	U	250	U	260	U	7800	U
Diethylphthalate	310	UJ	360	U	250	U	260	UJ	7800	U
Fluorene	310	U	360	U	39	J	260	UJ	7800	U
4-Chlorophenyl-phenylether	310	U	360	U	250	U	260	UJ	7800	U
4-Nitroaniline	600	U	690	U	490	U	510	U	15000	U
4,6-Dinitro-2-methylphenol	600	U	690	U	490	U	510	U	15000	U
N-Nitrosodiphenylamine	310	U	360	U	250	U	260	U	7800	U
1,2,4,5-Tetrachlorobenzene	310	U	360	U	250	U	260	U	7800	U
4-Bromophenyl-phenylether	310	U	360	U	250	U	260	UJ	7800	U
Hexachlorobenzene	310	U	360	U	250	U	260	U	7800	U
Atrazine	310	U	360	U	250	U	260	U	7800	U
Pentachlorophenol	600	U	690	U	490	U	510	U	15000	U
Phenanthrene	310	U	360	U	380		380		7800	U
Anthracene	310	U	360	U	100	J	50	J	7800	U
Carbazole	310	U	360	U	250	U	62	J	7800	U
Di-n-butylphthalate	310	U	360	U	250	U	260	UJ	820	J
Fluoranthene	51	J	360	U	500		670		7800	U
Pyrene	48	J	360	U	1200		560		7800	U
Butylbenzylphthalate	310	U	360	U	250	U	260	UJ	7800	U
3,3'-Dichlorobenzidine	310	U	360	U	250	U	260	U	7800	U
Benzo(a)anthracene	310	U	360	U	380		250	J	7800	U
Chrysene	30	J	360	U	520		340		7800	U
Bis(2-ethylhexyl)phthalate	310	U	360	U	250	U	260	UJ	7800	U
Di-n-octylphthalate	38	J	70	J	250	U	260	UJ	7800	U
Benzo(b)fluoranthene	31	J	360	U	680		390		7800	U
Benzo(k)fluoranthene	310	U	360	U	180	J	140	J	7800	U
Benzo(a)pyrene	37	J	210	J	700		240	J	7800	U
Indeno(1,2,3-cd)pyrene	310	U	360	U	350		110	J	7800	U
Dibenzo(a,h)anthracene	310	U	360	U	250	U	260	U	7800	U
Benzo(g,h,i)perylene	310	U	360	U	480		110	J	7800	U
2,3,4,6-Tetrachlorophenol	310	U	360	U	250	U	260	U	7800	U

Case #: 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab : SHEALY
Reviewer .
Date

Sample Number :	E00N3		E00N4		E00N5		E00N6		E00N6ME	
Sampling Location	X206		X207		X208		X209			
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	7/31/2006		7/31/2006		7/31/2006		7/31/2006			
Time Sampled :										
%Moisture	45		52		33		35		35	
pH .	7.6		7.9		7.5		7 7		7.7	
Dilution Factor :	1.0		1 0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	310	U	360	U	250	U	260	U	7800	U
Phenol	310	U	360	U	250	U	260	U	7800	U
Bis(2-Chloroethyl)ether	310	U	360	U	250	U	260	U	7800	U
2-Chlorophenol	310	U	360	U	250	U	260	U	7800	U
2-Methylphenol	310	U	360	U	250	U	260	U	7800	U
2,2'-Oxybis(1-chloropropane)	310	U	360	U	250	U	260	U	7800	U
Acetophenone	310	U	360	U	250	U	260	U	7800	U
4-Methylphenol	310	U	360	U	250	U	260	U	7800	U
N-Nitroso-di-n-propylamine	310	U	360	U	250	U	260	U	7800	U
Hexachloroethane	310	U	360	U	250	U	260	U	7800	U
Nitrobenzene	310	U	360	U	250	U	260	U	7800	U
Isophorone	310	U	360	U	250	U	260	U	7800	U
2-Nitrophenol	310	U	360	U	250	U	260	U	7800	U
2,4-Dimethylphenol	310	U	360	U	250	U	260	U	7800	U
Bis(2-Chloroethoxy)methane	310	U	360	U	250	U	260	U	7800	U
2,4-Dichlorophenol	310	U	360	U	250	U	260	U	7800	U
Naphthalene	310	U	360	U	27	J	260	U	7800	U
4-Chloroaniline	310	U	360	U	250	U	260	U	7800	U
Hexachlorobutadiene	310	U	360	U	250	U	260	U	7800	U
Caprolactam	310	U	360	U	250	U	260	UJ	7800	U
4-Chloro-3-methylphenol	310	U	360	U	250	U	260	U	7800	U
2-Methylnaphthalene	310	U	360	U	25	J	260	U	7800	U
Hexachlorocyclopentadiene	310	U	360	U	250	U	260	UJ	7800	U
2,4,6-Trichlorophenol	310	U	360	U	250	U	260	U	7800	U
2,4,5-Trichlorophenol	310	U	360	U	250	U	260	U	7800	U
1,1'-Biphenyl	310	U	360	U	250	U	260	UJ	7800	U
2-Chloronaphthalene	310	U	360	U	250	U	260	U	7800	U
2-Nitroaniline	600	U	690	U	490	U	510	U	15000	U
Dimethylphthalate	310	U	360	U	250	U	260	UJ	7800	U
2,6-Dinitrotoluene	310	U	360	U	250	U	260	U	7800	U
Acenaphthylene	310	U	360	U	240	J	260	U	7800	U
3-Nitroaniline	600	U	690	U	490	U	510	U	15000	U
Acenaphthene	310	U	360	U	27	J	260	U	7800	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab SHEALY
Reviewer
Date :

Sample Number :	E00M7		E00M8		E00M9		E00N1		E00N2	
Sampling Location :	X102		X201		X202		X204		X205	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	55		47		49		50		48	
pH :	7.2		7.3		8.0		7.5		7.8	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	730	U	620	U	650	U	660	U	630	U
4-Nitrophenol	730	U	620	U	650	U	660	U	630	U
Dibenzofuran	370	U	320	U	330	UJ	340	U	330	UJ
2,4-Dinitrotoluene	370	U	320	U	330	U	340	U	330	U
Diethylphthalate	370	U	320	U	330	UJ	340	UJ	330	UJ
Fluorene	370	U	320	U	330	UJ	340	U	330	UJ
4-Chlorophenyl-phenylether	370	U	320	U	330	UJ	340	U	330	UJ
4-Nitroaniline	730	U	620	U	650	U	660	U	630	U
4,6-Dinitro-2-methylphenol	730	U	620	U	650	U	660	U	630	U
N-Nitrosodiphenylamine	370	U	320	U	330	U	340	U	330	U
1,2,4,5-Tetrachlorobenzene	370	U	320	U	330	U	340	U	330	U
4-Bromophenyl-phenylether	370	U	320	U	330	UJ	340	U	330	UJ
Hexachlorobenzene	370	U	320	U	330	U	340	U	330	U
Atrazine	370	U	320	U	330	U	340	U	330	U
Pentachlorophenol	730	U	620	U	650	U	660	U	630	U
Phenanthrene	2900		170	J	330	U	35	J	330	U
Anthracene	500		320	U	330	U	340	U	330	U
Carbazole	370	U	320	U	330	UJ	340	U	330	UJ
Di-n-butylphthalate	370	U	320	U	330	UJ	340	UJ	330	UJ
Fluoranthene	540		120	J	330	U	71	J	330	UJ
Pyrene	1100		200	J	330	U	92	J	330	UJ
Butylbenzylphthalate	370	U	320	U	330	UJ	340	UJ	330	UJ
3,3'-Dichlorobenzidine	370	U	320	U	330	U	340	U	330	U
Benzo(a)anthracene	300	J	84	J	330	U	340	U	330	UJ
Chrysene	400		98	J	330	U	35	J	330	UJ
Bis(2-ethylhexyl)phthalate	370	U	320	U	330	UJ	340	UJ	330	UJ
Di-n-octylphthalate	370	U	59	J	38	J	340	UJ	330	UJ
Benzo(b)fluoranthene	230	J	90	J	330	U	340	U	330	UJ
Benzo(k)fluoranthene	81	J	38	J	330	U	340	U	330	UJ
Benzo(a)pyrene	250	J	95	J	330	U	340	U	330	UJ
Indeno(1,2,3-cd)pyrene	49	J	37	J	330	U	340	U	330	UJ
Dibenzo(a,h)anthracene	370	U	320	U	330	U	340	U	330	UJ
Benzo(g,h,i)perylene	74	J	48	J	330	U	340	U	330	UJ
2,3,4,6-Tetrachlorophenol	370	U	320	U	330	U	340	U	330	U

Analytical Results (Qualified Data)

Case # 35607 SDG . E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Number of Soil Samples : 19
Number of Water Samples : 0
Number of Sediment Samples . 0

Sample Number .	E00M7		E00M8		E00M9		E00N1		E00N2	
Sampling Location :	X102		X201		X202		X204		X205	
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	55		47		49		50		48	
pH :	7.2		7.3		8 0		7.5		7 8	
Dilution Factor :	1.0		1 0		1 0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	370	U	320	U	330	U	340	U	330	U
Phenol	370	U	320	U	330	U	340	U	330	U
Bis(2-Chloroethyl)ether	370	U	320	U	330	U	340	U	330	U
2-Chlorophenol	370	U	320	U	330	U	340	U	330	U
2-Methylphenol	370	U	320	U	330	U	340	U	330	U
2,2'-Oxybis(1-chloropropane)	370	U	320	U	330	U	340	U	330	U
Acetophenone	370	U	320	U	330	U	340	U	330	U
4-Methylphenol	370	U	320	U	330	U	340	U	330	U
N-Nitroso-di-n-propylamine	370	U	320	U	330	U	340	U	330	U
Hexachloroethane	370	U	320	U	330	U	340	U	330	U
Nitrobenzene	370	U	320	U	330	U	340	U	330	U
Isophorone	370	U	320	U	330	U	340	U	330	U
2-Nitrophenol	370	U	320	U	330	U	340	U	330	U
2,4-Dimethylphenol	370	U	320	U	330	U	340	U	330	U
Bis(2-Chloroethoxy)methane	370	U	320	U	330	U	340	U	330	U
2,4-Dichlorophenol	370	U	320	U	330	U	340	U	330	U
Naphthalene	370	U	320	U	330	U	340	U	330	U
4-Chloroaniline	370	U	320	U	330	U	340	U	330	U
Hexachlorobutadiene	370	U	320	U	330	U	340	U	330	U
Caprolactam	370	U	320	U	330	UJ	340	UJ	330	UJ
4-Chloro-3-methylphenol	370	U	320	U	330	U	340	U	330	U
2-Methylnaphthalene	2200		320	U	330	U	340	U	330	U
Hexachlorocyclopentadiene	370	U	320	U	330	U	340	U	330	U
2,4,6-Trichlorophenol	370	U	320	U	330	U	340	U	330	U
2,4,5-Trichlorophenol	370	U	320	U	330	U	340	U	330	U
1,1'-Biphenyl	370	U	320	U	330	UJ	340	UJ	330	UJ
2-Chloronaphthalene	370	U	320	U	330	U	340	U	330	U
2-Nitroaniline	730	U	620	U	650	U	660	U	630	U
Dimethylphthalate	370	U	320	U	330	UJ	340	UJ	330	UJ
2,6-Dinitrotoluene	370	U	320	U	330	U	340	U	330	U
Acenaphthylene	370	U	320	U	330	U	340	U	330	U
3-Nitroaniline	730	U	620	U	650	U	660	U	630	U
Acenaphthene	370	U	320	U	330	U	340	U	330	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date

Sample Number :	VBLK10		VBLKM2		VBLKM7		VBLKM9		VHBLK68	
Sampling Location :										
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	250	U	250	U	250	U	250	U	250	U
Tetrachloroethene	250	U	250	U	250	U	250	U	250	U
2-Hexanone	500	U	500	U	500	U	500	U	500	U
Dibromochloromethane	250	U	250	U	250	U	250	U	250	U
1,2-Dibromoethane	250	U	250	U	250	U	250	U	250	U
Chlorobenzene	250	U	250	U	250	U	250	U	250	U
Ethylbenzene	250	U	250	U	250	U	250	U	0.63	J
o-Xylene	250	U	250	U	250	U	250	U	0.54	J
m,p-Xylene	250	U	250	U	250	U	250	U	2.1	J
Styrene	250	U	250	U	250	U	250	U	250	U
Bromoform	250	U	250	U	250	U	250	U	250	U
Isopropylbenzene	250	U	250	U	250	U	250	U	250	U
1,1,2,2-Tetrachloroethane	250	U	250	U	250	U	250	U	250	U
1,3-Dichlorobenzene	250	U	250	U	250	U	250	U	250	U
1,4-Dichlorobenzene	250	U	250	U	250	U	250	U	250	U
1,2-Dichlorobenzene	250	U	250	U	250	U	250	U	250	U
1,2-Dibromo-3-chloropropane	250	U	250	U	250	U	250	U	250	U
1,2,4-Trichlorobenzene	250	U	42	J	250	U	26	J	250	U
1,2,3-Trichlorobenzene	250	U	44	J	250	U	250	U	250	U

Case #. 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab. . SHEALY
Reviewer :
Date .

Sample Number	VBLK10		VBLKM2		VBLKM7		VBLKM9		VHBLK68	
Sampling Location										
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled .										
Time Sampled										
%Moisture .	0		0		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	250	U	250	U	250	U	250	U	250	U
Chloromethane	250	U	250	U	250	U	250	U	250	U
Vinyl chloride	250	UJ	250	U	250	U	250	U	250	UJ
Bromomethane	250	U	250	U	250	U	250	U	250	U
Chloroethane	250	UJ	250	U	250	U	250	U	250	U
Trichlorofluoromethane	250	U	250	U	250	U	250	U	250	U
1,1-Dichloroethene	250	U	250	U	250	U	250	U	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	U	250	U	250	U	250	U
Acetone	500	U	500	U	500	U	500	U	500	U
Carbon disulfide	250	U	250	U	250	U	250	U	250	U
Methyl acetate	250	UJ	250	U	250	U	250	U	250	U
Methylene chloride	250	U	250	U	250	U	250	U	250	U
trans-1,2-Dichloroethene	250	U	250	U	250	U	250	U	250	U
Methyl tert-butyl ether	250	U	250	U	250	U	250	U	250	U
1,1-Dichloroethane	250	UJ	250	U	250	U	250	U	250	U
cis-1,2-Dichloroethene	250	U	250	U	45	J	250	U	250	U
2-Butanone	500	U	500	U	500	U	500	U	500	U
Bromochloromethane	250	U	250	U	250	U	250	U	250	U
Chloroform	250	U	250	U	250	U	250	U	250	U
1,1,1-Trichloroethane	250	U	250	U	250	U	250	UJ	250	U
Cyclohexane	250	U	250	U	250	U	250	U	250	U
Carbon tetrachloride	250	U	250	U	250	U	250	UJ	250	U
Benzene	250	U	250	U	250	U	250	U	250	U
1,2-Dichloroethane	250	U	250	U	250	U	250	U	250	U
1,4-Dioxane	5000	R	5000	R	5000	R	5000	R	5000	R
Trichloroethene	250	U	250	U	120	J	250	U	250	U
Methylcyclohexane	250	U	250	U	250	U	250	U	250	U
1,2-Dichloropropane	250	U	250	U	250	U	250	U	250	U
Bromodichloromethane	250	U	250	U	250	U	250	U	250	U
cis-1,3-Dichloropropene	250	U	250	U	250	U	250	U	250	U
4-Methyl-2-pentanone	500	U	500	U	500	U	500	U	500	U
Toluene	250	U	250	U	250	U	250	U	1.1	J
trans-1,3-Dichloropropene	250	U	250	U	250	U	250	U	250	U

Case # 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab . SHEALY
Reviewer .
Date :

Sample Number :	VBLK01		VBLK02		VBLK03		VBLK07		VBLK09	
Sampling Location .										
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	250	U	250	U	250	U	250	U
Tetrachloroethene	5.0	U	250	U	250	U	250	U	250	U
2-Hexanone	10	U	3.5	J	500	U	3.9	J	500	U
Dibromochloromethane	5.0	U	250	U	250	U	250	U	250	U
1,2-Dibromoethane	5.0	U	250	U	250	U	250	U	250	U
Chlorobenzene	5.0	U	250	U	250	U	250	U	250	U
Ethylbenzene	5.0	U	250	U	250	U	250	U	250	U
o-Xylene	5.0	U	250	U	250	U	250	U	250	U
m,p-Xylene	5.0	U	250	U	250	U	250	U	250	U
Styrene	5.0	U	250	U	250	U	250	U	250	U
Bromoform	5.0	U	250	U	250	U	250	U	250	U
Isopropylbenzene	5.0	U	250	U	250	U	250	U	250	U
1,1,2,2-Tetrachloroethane	5.0	U	250	U	250	U	250	U	250	U
1,3-Dichlorobenzene	5.0	U	250	U	250	U	250	U	250	U
1,4-Dichlorobenzene	5.0	U	250	U	250	U	250	U	250	U
1,2-Dichlorobenzene	5.0	U	250	U	250	U	250	U	250	U
1,2-Dibromo-3-chloropropane	5.0	U	250	U	250	U	250	U	250	U
1,2,4-Trichlorobenzene	2.0	J	0.58	J	250	U	0.58	J	0.55	J
1,2,3-Trichlorobenzene	2.7	J	0.67	J	0.57	J	0.75	J	0.65	J

Analytical Results (Qualified Data)

Case #: 35607 SDG . E00M7
Site . ILADA WASTE COMPANY
Lab . SHEALY
Reviewer .
Date :

Sample Number :	VBLK01		VBLK02		VBLK03		VBLK07		VBLK09	
Sampling Location :										
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled										
Time Sampled :										
%Moisture :	0		0		0		0		0	
pH .										
Dilution Factor :	1.0		1 0		1.0		1 0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	250	U	250	U	250	U	250	U
Chloromethane	5.0	U	250	U	250	U	250	U	250	U
Vinyl chloride	5.0	U	250	UJ	250	UJ	250	U	250	U
Bromomethane	5 0	U	250	U	250	U	250	U	250	U
Chloroethane	5.0	U	250	U	250	U	250	U	250	U
Trichlorofluoromethane	5 0	U	250	U	250	U	250	U	250	U
1,1-Dichloroethene	5.0	U	0.53	J	250	U	250	U	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	250	U	250	U	250	U	250	U
Acetone	10	U	2.5	J	500	U	1.6	J	500	U
Carbon disulfide	5.0	U	250	U	250	U	250	U	250	U
Methyl acetate	5.0	U	250	U	250	U	250	U	250	U
Methylene chloride	5.0	U	250	U	250	U	250	U	250	U
trans-1,2-Dichloroethene	5.0	U	250	U	250	U	250	U	250	U
Methyl tert-butyl ether	5.0	U	250	U	250	U	250	U	250	U
1,1-Dichloroethane	5.0	U	250	U	250	U	250	U	250	U
cis-1,2-Dichloroethene	5.0	U	250	U	250	U	1 1	J	250	U
2-Butanone	10	U	500	U	500	U	0.61	J	500	U
Bromochloromethane	5.0	U	250	U	250	U	250	U	250	U
Chloroform	5.0	U	250	U	250	U	250	U	250	U
1,1,1-Trichloroethane	5 0	U	250	U	250	U	250	U	250	UJ
Cyclohexane	5.0	U	250	U	250	U	250	U	250	U
Carbon tetrachloride	5 0	U	250	U	250	U	250	U	250	UJ
Benzene	5.0	U	250	U	250	U	250	U	250	U
1,2-Dichloroethane	5.0	U	250	U	250	U	250	U	250	U
1,4-Dioxane	100	R	5000	R	5000	R	5000	R	5000	R
Trichloroethene	5 0	U	250	U	250	U	2.7	J	250	U
Methylcyclohexane	5.0	U	250	U	250	U	250	U	250	U
1,2-Dichloropropane	5 0	U	250	U	250	U	250	U	250	U
Bromodichloromethane	5.0	U	250	U	250	U	250	U	250	U
cis-1,3-Dichloropropene	5.0	U	250	U	250	U	250	U	250	U
4-Methyl-2-pentanone	10	U	500	U	500	U	500	U	500	U
Toluene	5.0	U	250	U	250	U	250	U	250	U
trans-1,3-Dichloropropene	5.0	U	250	U	250	U	250	U	250	U

Analytical Results (Qualified Data)

Case #. 35607 SDG E00M7
Site ILADA WASTE COMPANY
Lab SHEALY
Reviewer
Date

Sample Number	E00P4ME		E00P5		E00P5ME		E00P6		E00P7	
Sampling Location			X119B				X119A		X110	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled			8/1/2006				8/1/2006		8/1/2006	
Time Sampled										
%Moisture	26		22		22		16		8	
pH										
Dilution Factor	50.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	930000	U	260	U	270	U	280	U	220	U
Tetrachloroethene	4800	J	260	U	270	U	280	UJ	220	U
2-Hexanone	1900000	U	520	U	540	U	560	U	440	U
Dibromochloromethane	930000	U	260	U	270	U	280	U	220	U
1,2-Dibromoethane	930000	U	260	U	270	U	280	UJ	220	U
Chlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ
Ethylbenzene	930000	U	260	U	270	U	280	UJ	220	U
o-Xylene	750	J	260	U	270	U	280	UJ	220	U
m,p-Xylene	1400	J	260	U	270	U	280	UJ	220	U
Styrene	930000	U	260	U	270	U	280	UJ	220	U
Bromoform	930000	U	260	U	270	U	280	U	220	U
Isopropylbenzene	930000	U	260	U	270	U	280	UJ	1.8	J
1,1,2,2-Tetrachloroethane	930000	U	260	U	270	U	280	U	220	U
1,3-Dichlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ
1,4-Dichlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ
1,2-Dichlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ
1,2-Dibromo-3-chloropropane	930000	U	260	U	270	U	280	U	220	U
1,2,4-Trichlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ
1,2,3-Trichlorobenzene	930000	U	260	U	270	U	280	UJ	220	UJ

Case # 35607 SDG E00M7
Site ILADA WASTE COMPANY
Lab SHEALY
Reviewer :
Date

Sample Number :	E00P4ME		E00P5		E00P5ME		E00P6		E00P7	
Sampling Location			X119B				X119A		X110	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/1/2006				8/1/2006		8/1/2006	
Time Sampled :										
%Moisture :	26		22		22		16		8	
pH										
Dilution Factor :	50.0		1 0		1.0		1.0		1 0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	930000	U	260	U	270	U	280	U	220	U
Chloromethane	930000	U	260	U	270	U	280	U	220	U
Vinyl chloride	930000	U	260	U	270	U	280	U	220	U
Bromomethane	930000	U	260	U	270	U	280	U	220	U
Chloroethane	930000	U	260	U	270	U	280	U	220	U
Trichlorofluoromethane	930000	U	260	U	270	U	280	UJ	220	U
1,1-Dichloroethene	930000	U	260	U	270	U	280	U	220	U
1,1,2-Trichloro-1,2,2-trifluoroethane	930000	U	260	U	270	U	280	UJ	220	U
Acetone	1900000	U	520	U	540	U	560	U	28	
Carbon disulfide	930000	U	260	U	270	U	280	U	220	U
Methyl acetate	930000	U	260	U	270	U	280	UJ	220	U
Methylene chloride	4700	J	260	U	270	U	1.1	J	1.1	J
trans-1,2-Dichloroethene	930000	U	260	U	270	U	280	U	220	U
Methyl tert-butyl ether	930000	U	260	U	270	U	280	UJ	220	U
1,1-Dichloroethane	930000	U	260	U	270	U	280	U	220	U
cis-1,2-Dichloroethene	220000		260	U	270	U	280	U	220	U
2-Butanone	1900000	U	520	U	540	U	560	U	440	U
Bromochloromethane	930000	U	260	U	270	U	280	U	220	U
Chloroform	930000	U	260	U	270	U	280	U	220	U
1,1,1-Trichloroethane	930000	UJ	260	UJ	36	J	280	UJ	220	U
Cyclohexane	930000	U	260	U	270	U	280	U	220	U
Carbon tetrachloride	930000	UJ	260	UJ	270	U	280	UJ	220	U
Benzene	930000	U	260	U	270	U	1.6	J	3.4	J
1,2-Dichloroethane	930000	U	260	U	270	U	280	UJ	220	U
1,4-Dioxane	370000	R	5200	R	5400	R	5600	R	4400	R
Trichloroethene	300000		260	U	270	UJ	280	UJ	220	UJ
Methylcyclohexane	930000	U	260	U	270	U	280	U	37	
1,2-Dichloropropane	930000	U	260	U	270	U	280	U	220	U
Bromodichloromethane	930000	U	260	U	270	U	280	U	220	U
cis-1,3-Dichloropropene	930000	U	260	U	270	U	280	U	220	U
4-Methyl-2-pentanone	1900000	U	520	U	540	U	560	U	440	U
Toluene	2800	J	260	U	15	J	280	UJ	220	U
trans-1,3-Dichloropropene	930000	U	260	U	270	U	280	U	220	U

Analytical Results (Qualified Data)

Case #: 35607 SDG: E00M7
Site: ILADA WASTE COMPANY
Lab.: SHEALY
Reviewer:
Date:

Sample Number:	E00P1ME		E00P1RE		E00P2		E00P2ME		E00P4	
Sampling Location:					X106				X107	
Matrix:	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled:					8/1/2006				8/1/2006	
Time Sampled:										
%Moisture:	20		20		18		18		26	
pH:										
Dilution Factor:	4.0		1.0		1.0		10.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	4100	U	260	UJ	15		26000	U	760	U
Tetrachloroethene	4100	U	260	R	40	J	300	J	15000	J
2-Hexanone	8300	U	510	R	480	U	52000	U	770	U
Dibromochloromethane	4100	U	260	R	240	U	26000	U	390	R
1,2-Dibromoethane	4100	U	260	R	240	U	26000	U	390	R
Chlorobenzene	4100	U	260	R	240	U	26000	U	390	U
Ethylbenzene	4100	U	260	R	51	J	26000	U	920	J
o-Xylene	4100	U	260	R	82	J	26000	U	1300	J
m,p-Xylene	4100	U	260	R	210	J	26000	U	2700	J
Styrene	4100	U	260	R	240	UJ	26000	U	41	
Bromoform	4100	U	260	R	240	U	26000	U	390	R
Isopropylbenzene	1100		52	J	23	J	330	J	230	
1,1,2,2-Tetrachloroethane	4100	U	260	U	240	U	26000	U	390	U
1,3-Dichlorobenzene	4100	U	260	R	240	U	26000	U	390	UJ
1,4-Dichlorobenzene	4100	U	260	R	240	U	26000	U	390	UJ
1,2-Dichlorobenzene	4100	U	260	R	240	U	26000	U	390	UJ
1,2-Dibromo-3-chloropropane	4100	U	260	U	240	U	26000	U	390	UJ
1,2,4-Trichlorobenzene	4100	U	260	R	240	U	26000	U	39	J
1,2,3-Trichlorobenzene	4100	U	260	R	240	U	26000	U	390	UJ

Case #: 35607 SDG : E00M7

Site : ILADA WASTE COMPANY

Lab : SHEALY

Reviewer :

Date :

Sample Number :	E00P1ME		E00P1RE		E00P2		E00P2ME		E00P4	
Sampling Location :					X106				X107	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					8/1/2006				8/1/2006	
Time Sampled :										
%Moisture :	20		20		18		18		26	
pH :										
Dilution Factor :	4.0		1.0		1.0		10.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	4100	U	260	R	240	U	26000	U	390	U
Chloromethane	4100	U	260	R	240	U	26000	U	390	U
Vinyl chloride	4100	U	260	R	5.1	J	26000	U	950	J
Bromomethane	4100	U	260	R	240	U	26000	U	390	U
Chloroethane	4100	U	260	R	240	U	26000	U	390	U
Trichlorofluoromethane	4100	U	260	R	26		26000	U	1100	J
1,1-Dichloroethene	4100	U	260	R	230	J	770	J	7300	J
1,1,2-Trichloro-1,2,2-trifluoroethane	4100	U	260	R	240	U	26000	U	390	R
Acetone	8300	U	20	J	36		52000	U	240	J
Carbon disulfide	4100	U	260	R	2.8	J	26000	U	390	U
Methyl acetate	4100	U	260	R	240	U	26000	U	390	R
Methylene chloride	240	J	260	R	2.2	J	630	J	390	R
trans-1,2-Dichloroethene	4100	U	260	R	40	J	26000	U	11000	J
Methyl tert-butyl ether	4100	U	260	R	240	U	26000	U	390	R
1,1-Dichloroethane	4100	U	260	R	120		26000	U	13000	J
cis-1,2-Dichloroethene	4100	U	260	R	11000	J	34000		67000	J
2-Butanone	550	J	510	R	480	U	52000	U	770	R
Bromochloromethane	4100	U	260	R	240	U	26000	U	390	R
Chloroform	4100	U	260	R	240	U	26000	U	390	R
1,1,1-Trichloroethane	4100	UJ	260	R	4100	J	16000	J	17000	J
Cyclohexane	4300		290	J	240	U	26000	U	790	J
Carbon tetrachloride	4100	UJ	260	R	240	U	26000	UJ	2300	J
Benzene	4100	U	41	J	5.7		26000	U	390	J
1,2-Dichloroethane	4100	U	260	R	240	U	26000	U	390	R
1,4-Dioxane	83000	R	5100	R	4800	R	520000	R	7700	R
Trichloroethene	4100	U	260	R	33	J	26000	U	110000	J
Methylcyclohexane	19000		1100	J	110		26000	U	390	U
1,2-Dichloropropane	4100	U	260	U	240	U	26000	U	390	U
Bromodichloromethane	4100	U	260	U	240	U	26000	U	390	U
cis-1,3-Dichloropropene	4100	U	260	UJ	240	U	26000	U	390	U
4-Methyl-2-pentanone	8300	U	510	R	480	U	52000	U	770	U
Toluene	4100	U	260	R	520	J	2800		6800	J
trans-1,3-Dichloropropene	4100	U	260	UJ	240	U	26000	U	390	U

Analytical Results (Qualified Data)

Case # 35607 SDG . E00M7
Site . ILADA WASTE COMPANY
Lab . SHEALY
Reviewer .
Date .

Sample Number .	E00N8ME		E00N9		E00N9ME		E00P0		E00P1	
Sampling Location			X116				X117		X118	
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/1/2006				8/1/2006		8/1/2006	
Time Sampled .										
%Moisture .	14		20		20		20		20	
pH :										
Dilution Factor :	1.0		1 0		1 0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	230	U	250	U	270	U	230	U	250	U
Tetrachloroethene	230	U	250	U	270	U	230	U	250	R
2-Hexanone	460	U	500	U	530	U	470	U	500	U
Dibromochloromethane	230	U	250	U	270	U	230	U	250	U
1,2-Dibromoethane	230	U	250	U	270	U	230	U	250	U
Chlorobenzene	230	U	250	U	270	U	230	U	250	U
Ethylbenzene	230	U	250	U	270	U	230	U	250	R
o-Xylene	230	U	250	U	270	U	230	U	250	R
m,p-Xylene	230	U	250	U	270	U	230	U	250	R
Styrene	230	U	250	U	270	U	230	U	250	R
Bromoform	230	U	250	U	270	U	230	U	250	U
Isopropylbenzene	140	J	250	U	270	U	230	U	71	J
1,1,2,2-Tetrachloroethane	230	U	250	U	270	U	230	U	250	U
1,3-Dichlorobenzene	230	U	250	U	270	U	230	U	250	U
1,4-Dichlorobenzene	230	U	250	U	270	U	230	U	250	U
1,2-Dichlorobenzene	230	U	250	U	270	U	230	U	250	U
1,2-Dibromo-3-chloropropane	230	U	250	U	270	U	230	U	250	U
1,2,4-Trichlorobenzene	230	U	250	U	270	U	230	U	250	U
1,2,3-Trichlorobenzene	230	U	250	U	270	U	230	U	250	U

Case # 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00N8ME		E00N9		E00N9ME		E00P0		E00P1	
Sampling Location :			X116				X117		X118	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/1/2006				8/1/2006		8/1/2006	
Time Sampled :										
%Moisture :	14		20		20		20		20	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	230	U	250	U	270	U	230	U	250	U
Chloromethane	230	U	250	U	270	U	230	U	250	U
Vinyl chloride	230	U	250	UJ	270	U	230	UJ	250	UJ
Bromomethane	230	U	250	U	270	U	230	U	250	U
Chloroethane	230	U	250	U	270	U	230	U	250	U
Trichlorofluoromethane	230	U	250	U	270	U	230	U	250	U
1,1-Dichloroethene	36	J	250	U	270	U	230	U	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	230	U	250	U	270	U	230	U	250	U
Acetone	460	U	19	J	530	U	31	J	30	J
Carbon disulfide	230	U	250	U	270	U	230	U	250	U
Methyl acetate	230	U	250	U	270	U	230	U	250	U
Methylene chloride	230	U	1.5	J	270	U	1.4	J	1.8	J
trans-1,2-Dichloroethene	230	U	250	U	270	U	230	U	250	U
Methyl tert-butyl ether	230	U	250	U	270	U	230	U	250	U
1,1-Dichloroethane	230	U	250	U	270	U	230	U	250	U
cis-1,2-Dichloroethene	230	U	250	U	270	U	230	U	250	U
2-Butanone	460	U	500	U	530	U	8.9	J	500	U
Bromochloromethane	230	U	250	U	270	U	230	U	250	U
Chloroform	230	U	250	U	270	U	230	U	250	U
1,1,1-Trichloroethane	230	U	250	U	270	U	230	U	250	U
Cyclohexane	230	U	250	U	270	U	230	UJ	330	J
Carbon tetrachloride	230	U	250	U	270	U	230	U	250	U
Benzene	230	U	250	U	270	U	230	U	65	J
1,2-Dichloroethane	230	U	250	U	16	J	230	U	250	U
1,4-Dioxane	4600	R	5000	R	5300	R	4700	R	5000	R
Trichloroethene	230	UJ	250	U	270	UJ	230	U	250	R
Methylcyclohexane	230	U	250	U	270	U	230	UJ	1000	J
1,2-Dichloropropane	230	U	250	U	270	U	230	UJ	250	U
Bromodichloromethane	230	U	250	U	270	U	230	UJ	250	U
cis-1,3-Dichloropropene	230	U	250	U	270	U	230	U	250	U
4-Methyl-2-pentanone	460	U	500	U	530	U	470	U	500	U
Toluene	230	U	250	U	270	U	230	U	250	R
trans-1,3-Dichloropropene	230	U	250	U	270	U	230	U	250	U

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00N5RE		E00N6		E00N6ME		E00N7		E00N8	
Sampling Location :	X208		X209				X101A		X101B	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			7/31/2006				8/1/2006		8/1/2006	
Time Sampled :										
%Moisture :	33		35		35		15		14	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	370	UJ	360	UJ	410	U	230	U	230	U
Tetrachloroethene	370	UJ	360	U	410	U	230	U	230	U
2-Hexanone	740	U	710	U	820	U	460	U	450	U
Dibromochloromethane	370	U	360	U	410	U	230	U	230	U
1,2-Dibromoethane	370	U	360	U	410	U	230	U	230	U
Chlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U
Ethylbenzene	370	UJ	360	U	410	U	230	U	230	U
o-Xylene	370	UJ	360	U	410	U	230	U	230	U
m,p-Xylene	370	UJ	360	U	410	U	230	U	230	U
Styrene	370	UJ	360	U	410	U	230	U	230	U
Bromoform	370	U	360	U	410	U	230	U	230	U
Isopropylbenzene	370	UJ	360	U	410	U	230	U	230	U
1,1,2,2-Tetrachloroethane	370	U	360	U	410	U	230	U	230	U
1,3-Dichlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U
1,4-Dichlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U
1,2-Dichlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U
1,2-Dibromo-3-chloropropane	370	U	360	U	410	U	230	U	230	U
1,2,4-Trichlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U
1,2,3-Trichlorobenzene	370	UJ	360	UJ	410	U	230	U	230	U

Case # 35607 SDG : E00M7
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00N5RE		E00N6		E00N6ME		E00N7		E00N8	
Sampling Location :	X208		X209				X101A		X101B	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			7/31/2006				8/1/2006		8/1/2006	
Time Sampled										
%Moisture :	33		35		35		15		14	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	370	U	360	U	410	U	230	U	230	U
Chloromethane	370	U	360	U	410	U	230	U	230	U
Vinyl chloride	370	UJ	360	UJ	410	U	230	UJ	230	UJ
Bromomethane	370	U	360	U	410	U	230	U	230	U
Chloroethane	370	U	360	U	410	U	230	U	230	U
Trichlorofluoromethane	370	U	360	U	410	U	230	U	230	U
1,1-Dichloroethene	370	U	360	U	410	U	230	U	230	U
1,1,2-Trichloro-1,2,2-trifluoroethane	370	U	360	U	410	U	230	U	230	U
Acetone	40		53		820	U	1000	U	950	U
Carbon disulfide	370	U	360	U	410	U	230	U	230	U
Methyl acetate	370	U	360	U	410	U	230	U	230	U
Methylene chloride	370	U	360	U	410	U	1.1	J	1.5	J
trans-1,2-Dichloroethene	370	U	360	U	410	U	230	U	230	U
Methyl tert-butyl ether	370	U	360	U	410	U	230	U	230	U
1,1-Dichloroethane	370	U	360	U	410	U	230	U	230	U
cis-1,2-Dichloroethene	370	U	360	U	410	U	230	U	230	U
2-Butanone	12	J	17		820	U	5.8	J	450	U
Bromochloromethane	370	U	360	U	410	U	230	U	230	U
Chloroform	370	U	360	U	410	U	230	U	230	U
1,1,1-Trichloroethane	370	U	360	U	410	U	230	U	230	U
Cyclohexane	370	UJ	360	U	410	U	230	U	230	U
Carbon tetrachloride	370	U	360	U	410	U	230	U	230	U
Benzene	370	U	360	U	410	U	230	U	230	U
1,2-Dichloroethane	370	U	360	U	410	U	230	U	230	U
1,4-Dioxane	7400	R	7100	R	8200	R	4600	R	4500	R
Trichloroethene	370	UJ	360	U	410	U	230	U	230	U
Methylcyclohexane	370	UJ	360	U	410	U	230	U	230	U
1,2-Dichloropropane	370	UJ	360	U	410	U	230	U	230	U
Bromodichloromethane	370	UJ	360	U	410	U	230	U	230	U
cis-1,3-Dichloropropene	370	UJ	360	UJ	410	U	230	U	230	U
4-Methyl-2-pentanone	740	U	710	U	820	U	460	U	450	U
Toluene	370	UJ	10		410	U	230	U	230	U
trans-1,3-Dichloropropene	370	UJ	360	UJ	410	U	230	U	230	U

Analytical Results (Qualified Data)

Case # 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	E00N1		E00N2		E00N3		E00N4		E00N5	
Sampling Location :	X204		X205		X206		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	50		48		45		52		33	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	540	U	480	U	450	U	500	U	380	UJ
Tetrachloroethene	540	U	480	U	450	U	500	U	380	UJ
2-Hexanone	1100	U	950	U	900	U	1000	U	770	U
Dibromochloromethane	540	U	480	U	450	U	500	U	380	UJ
1,2-Dibromoethane	540	U	480	U	450	U	500	U	380	UJ
Chlorobenzene	540	U	480	U	450	U	500	U	380	UJ
Ethylbenzene	540	U	480	U	450	U	500	U	380	UJ
o-Xylene	540	U	480	U	450	U	500	U	380	UJ
m,p-Xylene	540	U	480	U	450	U	500	U	380	UJ
Styrene	540	U	480	U	450	U	500	U	380	UJ
Bromoform	540	U	480	U	450	U	500	U	380	UJ
Isopropylbenzene	540	U	480	U	450	U	500	U	380	UJ
1,1,2,2-Tetrachloroethane	540	U	480	U	450	U	500	U	380	UJ
1,3-Dichlorobenzene	540	U	480	U	450	U	500	U	380	UJ
1,4-Dichlorobenzene	540	U	480	U	450	U	500	U	380	UJ
1,2-Dichlorobenzene	540	U	480	U	450	U	500	U	380	UJ
1,2-Dibromo-3-chloropropane	540	U	480	U	450	U	500	U	380	UJ
1,2,4-Trichlorobenzene	540	U	480	U	450	U	500	U	380	UJ
1,2,3-Trichlorobenzene	540	U	480	U	450	U	500	U	380	UJ

Case # 35607 SDG : E00M7

Site : ILADA WASTE COMPANY

Lab : SHEALY

Reviewer :

Date :

Sample Number	E00N1		E00N2		E00N3		E00N4		E00N5	
Sampling Location :	X204		X205		X206		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	7/31/2006		7/31/2006		7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	50		48		45		52		33	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	540	U	480	U	450	U	500	U	380	U
Chloromethane	540	U	480	U	450	U	500	U	380	U
Vinyl chloride	540	U	480	UJ	450	UJ	500	UJ	380	U
Bromomethane	540	U	480	U	450	U	500	U	380	U
Chloroethane	540	U	480	U	450	U	500	U	380	U
Trichlorofluoromethane	540	U	480	U	450	U	500	U	380	UJ
1,1-Dichloroethene	540	U	480	U	450	U	500	U	380	U
1,1,2-Trichloro-1,2,2-trifluoroethane	540	U	480	U	450	U	500	U	380	UJ
Acetone	22		1200	U	450	U	66		25	
Carbon disulfide	540	U	480	U	450	U	500	U	380	U
Methyl acetate	540	U	480	U	450	U	500	U	380	UJ
Methylene chloride	540	U	480	U	450	U	500	U	380	UJ
trans-1,2-Dichloroethene	540	U	480	U	450	U	500	U	380	U
Methyl tert-butyl ether	540	U	480	U	450	U	500	U	380	UJ
1,1-Dichloroethane	540	U	480	U	450	U	500	U	380	UJ
cis-1,2-Dichloroethene	540	U	480	U	450	U	500	U	380	U
2-Butanone	1100	U	950	U	900	U	20	J	8.1	J
Bromochloromethane	540	U	480	U	450	U	500	U	380	UJ
Chloroform	540	U	480	U	450	U	500	U	380	UJ
1,1,1-Trichloroethane	540	U	480	U	450	U	500	U	380	UJ
Cyclohexane	540	U	480	U	450	U	500	U	380	UJ
Carbon tetrachloride	540	U	480	U	450	U	500	U	380	UJ
Benzene	540	U	480	U	450	U	500	U	380	UJ
1,2-Dichloroethane	540	U	480	U	450	U	500	U	380	UJ
1,4-Dioxane	11000	R	9500	R	9000	R	10000	R	7700	R
Trichloroethene	540	U	480	U	450	U	500	U	380	UJ
Methylcyclohexane	540	U	480	U	450	U	500	U	380	UJ
1,2-Dichloropropane	540	U	480	U	450	U	500	U	380	UJ
Bromodichloromethane	540	U	480	U	450	U	500	U	380	UJ
cis-1,3-Dichloropropene	540	U	480	U	450	U	500	U	380	UJ
4-Methyl-2-pentanone	1100	U	950	U	900	U	1000	U	770	U
Toluene	540	U	480	U	450	U	500	U	380	UJ
trans-1,3-Dichloropropene	540	U	480	U	450	U	500	U	380	UJ

Analytical Results (Qualified Data)

Case #. 35607 SDG E00M7
Site : ILADA WASTE COMPANY
Lab . SHEALY
Reviewer .
Date :

Sample Number :	E00M7		E00M7ME		E00M8		E00M9		E00N0	
Sampling Location .	X102				X201		X202		X203	
Matrix .	Soil		Soil		Soil		Soil		Soil	
Units .	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006				7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	55		55		47		49		42	
pH :										
Dilution Factor :	1.0		2.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	9.5	U	1900	U	470	U	490	U	390	U
Tetrachloroethene	9.5	U	1900	U	470	U	490	U	390	U
2-Hexanone	19	U	3700	U	930	U	980	U	780	U
Dibromochloromethane	9.5	U	1900	U	470	U	490	U	390	U
1,2-Dibromoethane	9.5	U	1900	UJ	470	U	490	U	390	U
Chlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U
Ethylbenzene	9.5	U	1900	U	470	U	490	U	390	U
o-Xylene	9.5	U	1900	U	470	U	490	U	390	U
m,p-Xylene	9.5	U	1900	U	470	U	490	U	390	U
Styrene	9.5	U	1900	U	470	U	490	U	390	U
Bromoform	9.5	U	1900	U	470	U	490	U	390	U
Isopropylbenzene	240	J	1500		470	U	490	U	390	U
1,1,2,2-Tetrachloroethane	9.5	U	1900	U	470	U	490	U	390	U
1,3-Dichlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U
1,4-Dichlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U
1,2-Dichlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U
1,2-Dibromo-3-chloropropane	9.5	U	1900	U	470	U	490	U	390	U
1,2,4-Trichlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U
1,2,3-Trichlorobenzene	9.5	UJ	1900	U	470	UJ	490	U	390	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00M7
Site ILADA WASTE COMPANY
Lab SHEALY
Reviewer :
Date

Number of Soil Samples : 20
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	E00M7		E00M7ME		E00M8		E00M9		E00N0	
Sampling Location :	X102				X201		X202		X203	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	7/31/2006				7/31/2006		7/31/2006		7/31/2006	
Time Sampled :										
%Moisture :	55		55		47		49		42	
pH :										
Dilution Factor :	1.0		2.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	9.5	U	1900	U	470	U	490	U	390	U
Chloromethane	9.5	U	1900	U	470	U	490	U	390	U
Vinyl chloride	9.5	U	1900	U	470	U	490	UJ	390	U
Bromomethane	9.5	U	1900	U	470	U	490	U	390	U
Chloroethane	9.5	U	1900	U	470	U	490	U	390	U
Trichlorofluoromethane	9.5	U	1900	UJ	470	U	490	U	390	U
1,1-Dichloroethene	9.5	U	1900	U	470	U	490	U	390	U
1,1,2-Trichloro-1,2,2-trifluoroethane	9.5	U	1900	UJ	470	U	490	U	390	U
Acetone	54	U	3700	U	27		980	U	14	J
Carbon disulfide	9.5	U	1900	U	470	U	490	U	390	U
Methyl acetate	9.5	U	1900	UJ	470	U	490	U	390	U
Methylene chloride	9.5	U	250	J	470	U	490	U	390	U
trans-1,2-Dichloroethene	9.5	U	1900	U	470	U	490	U	390	U
Methyl tert-butyl ether	9.5	U	1900	UJ	470	U	490	U	390	U
1,1-Dichloroethane	9.5	U	1900	U	470	U	490	U	390	U
cis-1,2-Dichloroethene	9.5	U	1900	U	470	U	490	U	390	U
2-Butanone	19	U	3700	U	930	U	980	U	780	U
Bromochloromethane	9.5	U	1900	U	470	U	490	U	390	U
Chloroform	9.5	U	1900	U	470	U	490	U	390	U
1,1,1-Trichloroethane	9.5	U	1900	UJ	470	U	490	U	390	U
Cyclohexane	1200	J	4300		470	U	490	U	390	U
Carbon tetrachloride	9.5	U	1900	UJ	470	U	490	U	390	U
Benzene	66	J	160	J	470	U	490	U	390	U
1,2-Dichloroethane	9.5	U	54	J	470	U	490	U	390	U
1,4-Dioxane	190	R	37000	R	9300	R	9800	R	7800	R
Trichloroethene	9.5	U	1900	U	470	U	490	U	390	U
Methylcyclohexane	3600	J	24000		470	U	490	U	390	U
1,2-Dichloropropane	9.5	U	1900	U	470	U	490	U	390	U
Bromodichloromethane	9.5	U	1900	U	470	U	490	U	390	U
cis-1,3-Dichloropropene	9.5	U	1900	U	470	U	490	U	390	U
4-Methyl-2-pentanone	19	U	3700	U	930	U	980	U	780	U
Toluene	9.5	U	1900	U	470	U	490	U	390	U
trans-1,3-Dichloropropene	9.5	U	1900	U	470	U	490	U	390	U

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=SBLK94 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.406	19000	ug/kg	J

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14:04 Fri, Sep 1, 2006

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=SBLK79 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
108-88-3	Toluene	3.555	130	ug/kg	NJ
	Unknown-01	4.432	3400		J
	Unknown-02	8.904	84		J
	Unknown-03	12.305	74		J
	Unknown-04	13.669	190		J
1330-86-5	Diisooctyl adipate	15.45	81		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=SBLK66 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.422	2500	ug/kg	J
	Unknown-01	9.979	88		J
112-84-5	13-Docosenamide, (Z)-	17.205	71		NJ
	Unknown-02	17.718	81		J
	Unknown-03	17.777	72		J
	Unknown-04	18.146	110		J
	Unknown-05	18.275	110		J
	Unknown-06	18.339	67		J
	Unknown-07	18.414	130		J
	Unknown-08	18.494	120		J
	Unknown-09	18.564	91		J
	Unknown-10	18.638	71		J
	Unknown-11	18.735	99		J
	Unknown-12	18.756	75		J
	Unknown-13	18.879	76		J
	Unknown-14	19.024	80		J
	Unknown-15	19.098	88		J
	Unknown-16	19.425	160		J
	Unknown-17	19.692	95		J

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Lab SHEALY (Shealy, Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA *Sample=SBLK55* *Location=No_TR_data* *Matrix=SOIL* *Level=Low*

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.432	5300	ug/kg	J
	Unknown-01	13.669	120		J
301-02-0	9-Octadecenamide, (Z)-	15.386	140		NJ
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.45	520		NJ
112-84-5	13-Docosenamide, (Z)-	17.205	110		NJ
	Unknown-02	18.611	70		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=SBLK04 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.454	7600	ug/kg	J
	Unknown-01	13.664	120		J
301-02-0	9-Octadecenamide, (Z)-	15.386	67		NJ
1330-86-5	Diisooctyl adipate	15.45	500		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P7 Location=X110 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
544-77-4	Hexadecane, 1-iodo-	16.627	2900		NJ D
	Unknown-19	17.879	3800		J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P7 Location=X110 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	11.327	4200	J D
54105-66-7	Cyclohexane, undecyl-	11.509	3200	NJ D
	Unknown-02	11.706	4300	J D
	Unknown-03	13.969	3100	J D
2444-68-0	Anthracene, 9-ethenyl-	14.156	5600	NJ D
629-92-5	Nonadecane	14.317	3100	NJ D
	Unknown-04	14.37	2400	J D
	Unknown-05	14.605	3400	J D
	Unknown-06	14.707	3500	J D
	Unknown-07	14.75	2800	J D
	Unknown-08	14.948	2500	J D
	Unknown-09	14.985	2300	J D
1795-16-0	Cyclohexane, decyl-	15.023	2600	NJ D
629-97-0	Docosane	15.081	3200	NJ D
3353-12-6	Pyrene, 4-methyl-	15.124	3400	NJ D
	Unknown-10	15.156	2300	J D
	Unknown-11	15.21	2800	J D
	Unknown-12	15.253	2400	J D
	Unknown-13	15.311	2600	J D
7225-71-0	Undecane, 1-(1-naphthyl)-	15.365	3900	NJ D
19781-73-8	n-Heptadecylcyclohexane	15.52	4800	NJ D
	Unknown-14	15.691	3600	J D
	Unknown-15	15.787	2500	J D
	Unknown-16	15.836	3800	J D
629-97-0	Docosane	15.932	4500	NJ D
	Unknown-17	16.103	2900	J D
	Unknown-18	16.397	2800	J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P6 Location=X119A Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	9.979	220	J
	Unknown-02	12.728	81	J
2136-72-3	Ethanol, 2-(octadecyloxy)-	15.959	110	NJ
	Unknown-04	16.392	86	J
112-95-8	Eicosane	16.82	88	NJ
	Unknown-05	16.895	120	J
	Unknown-06	17.21	140	J
	Unknown-07	17.28	100	J
	Unknown-08	17.408	99	J
630-03-5	Nonacosane	17.622	160	NJ
192-97-2	Benzo[e]pyrene	17.67	130	NJ
	Unknown-09	17.718	130	J
198-55-0	Perylene	17.895	150	NJ
593-45-3	Octadecane	18.408	180	NJ
	Unknown-10	19.542	120	J
	Unknown-11	19.687	130	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P5ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
629-78-7	Heptadecane	11.69	5100	NJ
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.354	2700	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P5 Location=X119B Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-13	16.381	520	J
	Unknown-14	16.617	550	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P5 Location=X119B Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
544-76-3	Hexadecane	11.033	480	NJ
3892-00-0	Pentadecane, 2,6,10-trimethyl-	11.337	640	NJ
629-78-7	Heptadecane	11.69	710	NJ
	Unknown-01	12.006	340	J
	Unknown-02	12.166	380	J
593-45-3	Octadecane	12.316	530	NJ
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.354	620	NJ
	Unknown-03	12.739	410	J
	Unknown-04	12.84	370	J
629-92-5	Nonadecane	12.905	600	NJ
	Unknown-05	12.974	450	J
	Unknown-06	13.359	650	J
112-95-8	Eicosane	13.472	410	NJ
	Unknown-07	13.723	350	J
1000264-43-1	2-Cyclohexenone, 3-(3-trifluoromethylben	13.803	470	NJ
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	14.012	410	NJ
32598-14-4	1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	14.081	350	NJ
	Unknown-08	14.263	340	J
41464-51-1	1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-	14.333	500	NJ
37680-73-2	1,1'-Biphenyl, 2,2',4,5,5'-pentachloro-	14.729	420	NJ
32774-16-6	1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	14.969	420	NJ
629-94-7	Heneicosane	15.087	440	NJ
	Unknown-09	15.376	460	J
	Unknown-10	15.579	440	J
52663-65-7	1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	15.675	530	NJ
	Unknown-11	15.83	500	J
	Unknown-12	15.937	650	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P4 Location=X107 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-11	17.157	8300	J D
629-99-2	Pentacosane	17.761	13000	NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P4 Location=X107 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
629-50-5	Tridecane	8.834	50000	ug/kg	NJ D
629-59-4	Tetradecane	9.621	34000		NJ D
629-62-9	Pentadecane	10.364	39000		NJ D
544-76-3	Hexadecane	11.059	42000		NJ D
593-45-3	Octadecane	11.733	43000		NJ D
629-94-7	Heneicosane	12.348	22000		NJ D
629-92-5	Nonadecane	12.942	25000		NJ D
57-10-3	n-Hexadecanoic acid	13.295	26000		NJ D
	Unknown-01	14.29	31000		J D
629-78-7	Heptadecane	14.557	5600		NJ D
13187-99-0	2-Bromo dodecane	15.049	4700		NJ D
	Unknown-02	15.108	4600		J D
	Unknown-03	15.156	5200		J D
	Unknown-04	15.231	6000		J D
629-92-5	Nonadecane	15.536	8000		NJ D
	Unknown Alkane	15.691	5200		J D
	Unknown-05	15.718	5400		J D
	Unknown-06	15.862	6600		J D
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	15.985	7100		NJ D
	Unknown-07	16.055	4700		J D
629-94-7	Heneicosane	16.135	6800		NJ D
112-95-8	Eicosane	16.429	7600		NJ D
	Unknown-08	16.574	6400		J D
66563-30-2	Bacchotricuneatin c	16.649	4500		NJ D
	Unknown-09	16.745	7900		J D
593-49-7	Heptacosane	16.852	4800		NJ D
55373-86-9	Docosane, 7-hexyl-	16.98	5800		NJ D
	Unknown-10	17.061	5400		J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P2 Location=X106 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
55373-86-9	Docosane, 7-hexyl-	17.745	6700		NJ D
630-01-3	Hexacosane	17.879	6000		NJ D

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P2 Location=X106 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
112-40-3	Dodecane	7.989	7400	ug/kg	NJ D
629-50-5	Tridecane	8.824	9600		NJ D
629-59-4	Tetradecane	9.61	12000		NJ D
629-62-9	Pentadecane	10.348	16000		NJ D
829-26-5	Naphthalene, 2,3,6-trimethyl-	10.787	7800		NJ D
544-76-3	Hexadecane	11.043	26000		NJ D
3892-00-0	Pentadecane, 2,6,10-trimethyl-	11.348	18000		NJ D
629-78-7	Heptadecane	11.707	29000		NJ D
	Unknown-01	11.969	4300		J D
2523-39-9	9H-Fluorene, 3-methyl-	12.011	4200		NJ D
593-45-3	Octadecane	12.327	16000		NJ D
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.37	12000		NJ D
629-92-5	Nonadecane	12.921	12000		NJ D
112-95-8	Eicosane	13.482	5800		NJ D
629-94-7	Heneicosane	14.023	4800		NJ D
13187-99-0	2-Bromo dodecane	15.21	5600		NJ D
629-92-5	Nonadecane	15.515	5100		NJ D
630-02-4	Octacosane	15.67	5500		NJ D
112-95-8	Eicosane	15.964	4400		NJ D
593-49-7	Heptacosane	16.408	4800		NJ D
630-02-4	Octacosane	16.547	5700		NJ D
55282-14-9	Docosane, 9-butyl-	16.627	6000		NJ D
629-78-7	Heptadecane	16.831	5100		NJ D
7225-64-1	Heptadecane, 9-octyl-	16.964	7500		NJ D
	Unknown-02	17.135	4600		J D
	Unknown-03	17.291	4800		J D
13187-99-0	2-Bromo dodecane	17.365	6200		NJ D
66563-30-2	Bacchotricuneatin c	17.67	4500		NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P1 Location=X118 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-19	14.632	7800	J D
7225-71-0	Undecane, 1-(1-naphthyl)-	15.36	5500	NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P1 Location=X118 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
29949-27-7	n-Amylcyclohexane	9.267	4800	ug/kg	NJ D
1795-15-9	Cyclohexane, octyl-	10.059	5400		NJ D
	Unknown-01	10.808	5700		J D
	Unknown-02	11.022	3700		J D
295-65-8	Cyclohexadecane	11.075	4800		NJ D
	Unknown-03	11.209	5400		J D
	Unknown-04	11.327	5200		J D
1795-16-0	Cyclohexane, decyl-	11.509	4300		NJ D
	Unknown-05	11.706	6000		J D
1795-21-7	Cyclopentane, decyl-	11.749	5100		NJ D
	Unknown-06	11.835	5300		J D
	Unknown-07	11.894	4800		J D
54105-66-7	Cyclohexane, undecyl-	12.172	5500		NJ D
	Unknown-08	12.3	3400		J D
	Unknown-09	12.402	3600		J D
	Unknown-10	12.439	4600		J D
	Unknown-11	12.953	3100		J D
	Unknown-12	12.995	4500		J D
629-76-5	1-Pentadecanol	13.07	4700		NJ D
	Unknown-13	13.14	4100		J D
779-02-2	Anthracene, 9-methyl-	13.209	3500		NJ D
	Unknown-14	13.397	3400		J D
	Unknown-15	13.514	3500		J D
	Unknown-16	13.568	3100		J D
15288-12-7	Carbonic acid, dithio-, S-methyl O-(2-me	13.627	4100		NJ D
	Unknown-17	13.803	3300		J D
3674-66-6	Phenanthrene, 2,5-dimethyl-	13.974	3200		NJ D
	Unknown-18	14.081	3400		J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00P0 Location=X117 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
				ug/kg	
	Unknown-01	9.979	94		J
	Unknown-02	11.835	87		J
	Unknown-03	15.488	120		J
112-95-8	Eicosane	15.959	160		NJ
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	16.392	110		NJ
638-67-5	Tricosane	16.82	96		NJ
629-78-7	Heptadecane	17.226	180		NJ
192-97-2	Benzo[e]pyrene	17.558	130		NJ
646-31-1	Tetracosane	17.622	210		NJ
	Unknown-04	17.713	93		J
198-55-0	Perylene	18.05	98		NJ
	Unknown-05	18.323	86		J
646-31-1	Tetracosane	18.408	150		NJ
	Unknown-06	21.682	130		J

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N9ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
3351-32-4	Chrysene, 2-methyl-	16.916	26000		NJ
	Unknown-20	17.74	21000		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N9ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.422	110000	ug/kg	J
1795-15-9	Cyclohexane, octyl-	10.075	26000		NJ
	Unknown-01	10.321	16000		J
1795-21-7	Cyclopentane, decyl-	10.369	20000		NJ
54411-01-7	Cyclohexane, 1-methyl-2-pentyl-	10.503	22000		NJ
55045-14-2	Tetradecane, 4-ethyl-	10.663	16000		NJ
2883-02-5	n-Nonylcyclohexane	10.819	31000		NJ
	Unknown-02	10.963	16000		J
	Unknown-03	11.038	21000		J
	Unknown-04	11.086	25000		J
	Unknown-05	11.225	17000		J
1795-16-0	Cyclohexane, decyl-	11.519	26000		NJ
91242-57-8	Cyclopentane, 1,2-dipropyl-	11.583	26000		NJ
	Unknown-06	11.653	20000		J
	Unknown-07	11.717	29000		J
	Unknown-08	11.765	29000		J
	Unknown-09	11.851	47000		J
	Unknown-10	11.91	33000		J
	Unknown-11	11.963	16000		J
	Unknown-12	12.092	18000		J
	Unknown-13	12.188	25000		J
	Unknown-14	12.311	23000		J
	Unknown-15	12.707	19000		J
	Unknown-16	13.006	18000		J
	Unknown-17	13.086	19000		J
	Unknown-18	13.156	18000		J
7225-71-0	Undecane, 1-(1-naphthyl)-	15.381	24000		NJ
	Unknown-19	16.413	34000		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N9 Location=X116 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-22	17.488	1300		J
	Unknown-23	17.745	940		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N9 Location=X116 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.427	6700	ug/kg	J
4292-92-6	Cyclohexane, pentyl-	10.075	1100		NJ
2883-02-5	n-Nonylcyclohexane	10.824	1400		NJ
	Unknown-01	11.23	910		J
1795-16-0	Cyclohexane, decyl-	11.525	990		NJ
	Unknown-02	11.723	1100		J
295-48-7	Cyclopentadecane	11.765	990		NJ
	Unknown-03	11.851	1500		J
	Unknown-04	11.915	1200		J
	Unknown-05	12.193	1000		J
77455-13-1	Naphthalene, 2,2'-(1-methyl-1,3-propaned	15.953	650		NJ
	Unknown-06	15.996	570		J
	Unknown-07	16.044	580		J
24360-63-2	Benzo[b]naphtho[2,3-d]thiophene, 6-methy	16.333	590		NJ
	Unknown-08	16.371	620		J
	Unknown-09	16.419	1100		J
	Unknown-10	16.617	590		J
	Unknown-11	16.654	480		J
	Unknown-12	16.793	600		J
	Unknown-13	16.841	440		J
	Unknown-14	16.879	420		J
	Unknown-15	16.921	990		J
	Unknown-16	17.055	500		J
	Unknown-17	17.093	600		J
	Unknown-18	17.141	810		J
	Unknown-19	17.232	830		J
	Unknown-20	17.285	950		J
	Unknown-21	17.344	1000		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N8ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
7225-71-0	Undecane, 1-(1-naphthyl)-	15.37	20000		NJ
	Unknown-17	16.408	23000		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N8ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.395	230000	ug/kg	J
	Unknown-01	8.422	140000		J
1795-15-9	Cyclohexane, octyl-	9.278	19000		NJ
696-29-7	Cyclohexane, (1-methylethyl)-	10.07	27000		NJ
295-48-7	Cyclopentadecane	10.364	19000		NJ
	Unknown-02	10.658	20000		J
	Unknown-03	10.819	29000		J
	Unknown-04	11.027	19000		J
	Unknown-05	11.081	22000		J
629-50-5	Tridecane	11.337	26000		NJ
1795-16-0	Cyclohexane, decyl-	11.519	41000		NJ
	Unknown-06	11.712	54000		J
	Unknown-07	11.755	39000		J
	Unknown-08	11.829	60000		J
	Unknown-09	11.904	41000		J
54105-66-7	Cyclohexane, undecyl-	12.182	47000		NJ
	Unknown-10	12.412	31000		J
	Unknown-11	12.45	35000		J
	Unknown-12	13.001	40000		J
	Unknown-13	13.081	35000		J
	Unknown-14	13.151	35000		J
613-12-7	Anthracene, 2-methyl-	13.225	38000		NJ
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	13.375	33000		NJ
832-69-9	Phenanthrene, 1-methyl-	13.413	32000		NJ
	Unknown-15	13.525	30000		J
	Unknown-16	13.632	33000		J
781-43-1	9,10-Dimethylanthracene	13.985	31000		NJ
2381-21-7	Pyrene, 1-methyl-	15.135	21000		NJ

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N8 Location=X101B Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-17	15.846	620	J
	Unknown-18	15.937	690	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N8 Location=X101B Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.427	9400	ug/kg	J
	Unknown-01	8.428	3900		J
4292-92-6	Cyclohexane, pentyl-	9.283	1300		NJ
575-41-7	Naphthalene, 1,3-dimethyl-	9.989	750		NJ
29949-27-7	n-Amylcyclohexane	10.08	1300		NJ
295-48-7	Cyclopentadecane	10.375	810		NJ
55045-14-2	Tetradecane, 4-ethyl-	10.669	780		NJ
	Unknown-02	10.829	1300		J
	Unknown-03	11.038	800		J
	Unknown-04	11.091	870		J
	Unknown-05	11.134	670		J
14905-56-7	Tetradecane, 2,6,10-trimethyl-	11.343	1300		NJ
1795-16-0	Cyclohexane, decyl-	11.525	1300		NJ
	Unknown-06	11.722	1600		J
	Unknown-07	11.765	1200		J
	Unknown-08	11.84	1800		J
	Unknown-09	11.915	1200		J
	Unknown-10	12.193	1400		J
132-65-0	Dibenzothiophene	12.396	850		NJ
	Unknown-11	12.423	1100		J
	Unknown-12	12.461	1100		J
	Unknown-13	13.011	960		J
	Unknown-14	13.092	970		J
	Unknown-15	13.161	850		J
2531-84-2	Phenanthrene, 2-methyl-	13.236	890		NJ
2381-21-7	Pyrene, 1-methyl-	15.317	820		NJ
7225-71-0	Undecane, 1-(1-naphthyl)-	15.381	1000		NJ
	Unknown-16	15.809	620		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N7 Location=X101A Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
108-88-3	Toluene	3.555	110	ug/kg	NJ
	Unknown-01	12.076	130		J
	Unknown-02	12.102	200		J
	Unknown-03	12.306	99		J
	Unknown-04	12.867	220		J
7098-22-8	Tetratetracontane	17.622	190		NJ
630-02-4	Octacosane	18.403	230		NJ
	Unknown-06	18.515	95		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N6ME Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.406	40000	ug/kg	J
	Unknown-01	13.669	5000		J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.451	18000		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N6 Location=X209 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	4.406	1600	ug/kg	J
82-05-3	7H-Benz[de]anthracen-7-one	15.675	110		NJ
239-35-0	Benzo[b]naphtho[2,1-d]thiophene	15.83	130		NJ
479-79-8	11H-Benzo[a]fluoren-11-one	15.959	150		NJ
	Unknown-02	16.392	130		J
	Unknown-03	16.488	110		J
544-76-3	Hexadecane	16.82	160		NJ
	Unknown-04	16.889	100		J
	Unknown-05	17.028	110		J
	Unknown-06	17.173	140		J
	Unknown-07	17.226	190		J
	Unknown-08	17.349	150		J
	Unknown-09	17.408	180		J
630-03-5	Nonacosane	17.622	300		NJ
192-97-2	Benzo[e]pyrene	17.681	140		NJ
	Unknown-12	17.815	170		J
198-55-0	Perylene	17.895	290		NJ
	Unknown-14	18.232	180		J
646-31-1	Tetracosane	18.403	270		NJ
	Unknown-17	18.515	200		J
	Unknown-18	18.697	270		J
	Unknown-19	19.104	150		J
	Unknown-20	20.345	240		J
	Unknown-21	21.708	230		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N5 Location=X208 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-15	18.349	840	J
	Unknown-16	18.526	640	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N5 Location=X208 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.443	9800	ug/kg	J
5737-13-3	Cyclopenta(def)phenanthrenone	14.092	1200		NJ
	Unknown PAH	14.338	1000		J
243-17-4	11H-Benzo[b]fluorene	14.819	540		NJ
2381-21-7	Pyrene, 1-methyl-	14.974	750		NJ
243-17-4	11H-Benzo[b]fluorene	15.065	470		NJ
3442-78-2	Pyrene, 2-methyl-	15.253	800		NJ
	Unknown-01	15.386	620		J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.461	510		NJ
288246-53-7	Pyridine-3-carboxamide, oxime, N-(2-trif	15.509	750		NJ
	Unknown-02	15.68	950		J
	Unknown-03	15.868	510		J
74685-33-9	3-Eicosene, (E)-	15.959	1100		NJ
82-05-3	7H-Benz[de]anthracen-7-one	16.392	580		NJ
	Unknown-04	16.435	440		J
	Unknown-05	16.616	450		J
630-02-4	Octacosane	16.83	510		NJ
	Unknown-06	16.846	500		J
	Unknown-07	16.932	520		J
	Unknown-08	17.028	450		J
	Unknown-09	17.221	790		J
	Unknown-10	17.333	780		J
	Unknown-11	17.408	920		J
	Unknown-12	17.462	840		J
629-78-7	Heptadecane	17.633	780		NJ
	Unknown-13	17.724	610		J
	Unknown-14	17.766	700		J
192-97-2	Benzo[e]pyrene	18.066	870		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N4 Location=X207 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
	Unknown-19	21.553	320	J
559-74-0	Friedelan-3-one	21.687	800	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N4 Location=X207 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.451	260	NJ
629-94-7	Heneicosane	15.953	260	NJ
	Unknown-01	16.103	250	J
638-67-5	Tricosane	16.82	280	NJ
	Unknown-02	16.916	350	J
7225-64-1	Heptadecane, 9-octyl-	17.622	530	NJ
	Unknown-03	17.66	340	J
	Unknown-04	17.863	290	J
	Unknown-05	18.077	250	J
630-04-6	Hentriacontane	18.408	580	NJ
	Unknown-06	18.537	380	J
	Unknown-07	18.59	260	J
	Unknown-08	18.697	310	J
	Unknown-09	18.847	250	J
629-94-7	Heneicosane	19.344	330	NJ
	Unknown-10	19.409	350	J
	Unknown-11	19.537	280	J
4360-12-7	Ajmaline	19.585	400	NJ
	Unknown-12	19.687	450	J
83-47-6	gamma.-Sitosterol	19.879	590	NJ
	Unknown-13	19.975	460	J
	Unknown-14	20.099	500	J
	Unknown-15	20.211	310	J
	Unknown-16	20.361	860	J
1000194-64-2	4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a	20.419	290	NJ
	Unknown-17	20.553	710	J
	Unknown-18	21.425	440	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N3 Location=X206 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	9.856	250	J
	Unknown-02	9.979	240	J
	Unknown-03	12.728	160	J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.451	370	NJ
629-78-7	Heptadecane	17.622	160	NJ
1560-92-5	Hexadecane, 2-methyl-	18.408	190	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N2 Location=X205 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	17.494	220	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N1 Location=X204 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
83-47-6	gamma.-Sitosterol	19.879	360	NJ
	Unknown-21	21.687	320	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00N1 Location=X204 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	11.583	290	J
	Unknown-02	15.231	220	J
	Unknown-03	15.365	240	J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.451	510	NJ
	Unknown-04	15.531	230	J
	Unknown-05	15.675	310	J
	Unknown-06	15.814	270	J
	Unknown-07	15.852	480	J
	Unknown-08	15.927	220	J
3386-33-2	Octadecane, 1-chloro-	15.959	360	NJ
	Unknown-09	16.055	260	J
	Unknown-10	16.397	330	J
	Unknown-11	16.611	280	J
	Unknown-12	16.804	520	J
	Unknown-13	16.847	230	J
	Unknown-14	16.921	620	J
	Unknown-15	17.023	270	J
	Unknown-16	17.103	260	J
112-84-5	13-Docosenamide, (Z)-	17.21	540	NJ
	Unknown-17	17.28	370	J
	Unknown-18	17.323	480	J
	Unknown-19	17.408	340	J
198-55-0	Perylene	17.563	560	NJ
630-03-5	Nonacosane	17.622	600	NJ
23609-46-3	Cyclooctane, 1,2-diethyl-	17.67	360	NJ
	Unknown-20	17.713	540	J
7098-22-8	Tetratetracontane	18.408	410	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00M9 Location=X202 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	9.856	210	J
112-84-5	13-Docosenamide, (Z)-	17.205	170	NJ
	Unknown-02	19.537	510	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00M8 Location=X201 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
1058-61-3	Stigmast-4-en-3-one	20.735	600	NJ
559-74-0	Friedelan-3-one	21.682	460	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00M8 Location=X201 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	9.979	240	J
112-95-8	Eicosane	15.953	260	NJ
593-49-7	Heptacosane	16.814	270	NJ
	Unknown-02	16.841	160	J
	Unknown-03	16.916	230	J
	Unknown-04	17.205	360	J
630-03-5	Nonacosane	17.622	660	NJ
	Unknown-05	17.665	250	J
	Unknown-06	17.713	220	J
	Unknown-07	18.13	220	J
646-31-1	Tetracosane	18.408	740	NJ
	Unknown-08	18.473	200	J
	Unknown-09	18.697	240	J
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	18.847	290	NJ
80-97-7	Cholestanol	18.916	200	NJ
15600-08-5	Cholestan-3-one	19.104	190	NJ
7225-66-3	Tridecane, 7-hexyl-	19.344	190	NJ
83-48-7	Stigmasterol	19.521	390	NJ
	Unknown-10	19.681	180	J
83-47-6	gamma.-Sitosterol	19.874	1100	NJ
	Unknown-11	19.981	250	J
1000194-62-4	4.4,6a,6b,8a,11,11,14b-Octamethyl-1,4,4a	20.104	360	NJ
	Unknown-12	20.211	290	J
	Unknown-13	20.313	270	J
	Unknown-14	20.382	240	J
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur	20.671	240	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00M7 Location=X102 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-23	16.419	2500		J
3697-24-3	Chrysene, 6-methyl-	16.723	1800		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

BNA Sample=E00M7 Location=X102 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg		Lab Qualifier
1795-15-9	Cyclohexane, octyl-	10.08	2300		NJ
	Unknown-01	10.829	2400		J
1795-16-0	Cyclohexane, decyl-	11.53	830		NJ
	Unknown-02	11.728	1200		J
	Unknown-03	11.771	830		J
	Unknown-04	11.84	1600		J
	Unknown-05	11.92	1000		J
	Unknown-06	12.198	1200		J
	Unknown-07	12.322	840		J
	Unknown-08	12.717	940		J
	Unknown-09	12.867	1000		J
	Unknown-10	13.017	1100		J
	Unknown-11	13.097	1100		J
2531-84-2	Phenanthrene, 2-methyl-	13.236	960		NJ
	Unknown-12	13.327	890		J
832-64-4	Phenanthrene, 4-methyl-	13.391	1000		NJ
	Unknown-13	13.536	950		J
	Unknown-14	13.643	800		J
	Unknown-15	13.83	830		J
	Unknown-16	13.948	980		J
	Unknown-17	14.301	820		J
	Unknown-18	14.525	1800		J
	Unknown-19	14.964	1800		J
	Unknown-20	15.146	2500		J
7225-71-0	Undecane, 1-(1-naphthyl)-	15.386	2200		NJ
	Unknown-21	15.803	1800		J
	Unknown-22	15.953	1800		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P7 Location=X110 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
1678-91-7	Cyclohexane, ethyl-	7.963	14	ug/kg	NJ
	Unknown-01	9.806	21		J
	Unknown-02	10.518	67		J
	Unknown-03	10.694	29		J
	Unknown-04	10.864	46		J
	Unknown-05	11.016	200		J
	Unknown-06	11.576	72		J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.734	57		NJ
1000152-47-3	trans-Decalin, 2-methyl-	11.898	76		NJ
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.062	80		NJ
	Unknown-07	12.154	40		J
824-90-8	1-Phenyl-1-butene	12.239	29		NJ
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.348	110		NJ
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.464	55		NJ
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	12.616	51		NJ
	Unknown-08	12.75	140		J
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	12.92	79		NJ
	Unknown-09	13.047	100		J
	Unknown-10	13.163	66		J
	Unknown-11	13.254	54		J
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.376	44		NJ
5617-41-4	Heptylcyclohexane	13.418	180		NJ
91-57-6	Naphthalene, 2-methyl-	13.631	180		NJ
	Unknown-12	13.954	150		J
581-40-8	Naphthalene, 2,3-dimethyl-	14.173	28		NJ
581-42-0	Naphthalene, 2,6-dimethyl-	14.27	63		NJ
	Unknown-13	14.379	43		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P5 Location=X119B Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	10.105	11	ug/kg	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P4 Location=X107 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	6.084	30	ug/kg	J
592-27-8	Heptane, 2-methyl-	6.407	67		NJ
589-81-1	Heptane, 3-methyl-	6.583	50		NJ
	Unknown-02	7.933	99		J
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.079	60		NJ
	Unknown-03	8.286	15		J
	Unknown-04	8.383	150		J
111-84-2	Nonane	9.247	360		NJ
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.49	100		NJ
	Unknown-05	9.654	58		J
	Unknown-06	9.721	100		J
2051-30-1	Octane, 2,6-dimethyl-	9.8	340		NJ
	Unknown-07	10.104	20		J
	Unknown-08	10.208	53		J
	Unknown-09	10.427	21		J
611-14-3	Benzene, 1-ethyl-2-methyl-	10.481	160		NJ
	Unknown-10	10.712	27		J
2847-72-5	Decane, 4-methyl-	10.883	84		NJ
	Unknown-11	11.217	70		J
13151-34-3	Decane, 3-methyl-	11.345	19		NJ
1120-21-4	Undecane	11.594	78		NJ
	Unknown-12	11.685	29		J
	Unknown-13	11.825	24		J
	Unknown-14	11.996	17		J
	Unknown-15	12.36	8.8		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P2ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	9.77	3100	ug/kg	J D
108-67-8	Benzene, 1,3,5-trimethyl-	10.554	5700		NJ D
108-67-8	Benzene, 1,3,5-trimethyl-	10.871	4800		NJ D
	Unknown-02	11.071	5300		J D
1120-21-4	Undecane	11.582	13000		NJ D
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.734	5600		NJ D
	Unknown-03	11.85	5500		J D
	Unknown-04	11.989	4900		J D
	Unknown-05	12.123	3400		J D
91-57-6	Naphthalene, 2-methyl-	13.51	3200		NJ D
90-12-0	Naphthalene, 1-methyl-	13.631	3100		NJ D
571-61-9	Naphthalene, 1,5-dimethyl-	14.27	6700		NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P2 Location=X106 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
592-27-8	Heptane, 2-methyl-	6.347	75	ug/kg	NJ
589-81-1	Heptane, 3-methyl-	6.529	42		NJ
	Unknown-01	7.898	38		J
	Unknown-02	8.044	23		J
	Unknown-03	8.354	52		J
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.467	33		NJ
	Unknown-04	9.704	30		J
1678-92-8	Cyclohexane, propyl-	9.819	110		NJ
	Unknown-05	10.184	9.2		J
611-14-3	Benzene, 1-ethyl-2-methyl-	10.47	8.4		NJ
124-18-5	Decane	10.616	18		NJ
108-67-8	Benzene, 1,3,5-trimethyl-	10.871	22		NJ
13151-34-3	Decane, 3-methyl-	11.34	9.3		NJ
1120-21-4	Undecane	11.601	75		NJ
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.686	25		NJ
	Unknown-06	11.826	26		J
13395-76-1	Cyclohexanone, 2,3-dimethyl-	11.996	28		NJ
	Unknown-07	12.361	15		J
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.465	5.1		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P1RE Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	6.725	600	ug/kg	NJ
930-89-2	Cyclopentane, 1-ethyl-2-methyl-, cis-	7.023	72		NJ
	Unknown-01	7.91	180		J
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.05	99		NJ
	Unknown-02	8.36	97		J
3728-57-2	Cyclopentane, 1-methyl-2-propyl-	9.035	78		NJ
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.467	110		NJ
	Unknown-03	9.704	65		J
1678-92-8	Cyclohexane, propyl-	9.826	220		NJ
17301-94-9	Nonane, 4-methyl-	10.154	21		NJ
	Unknown-04	10.379	40		J
	Unknown-05	10.525	83		J
	Unknown-06	10.696	45		J
	Unknown-07	10.866	41		J
	Unknown-08	11.018	40		J
1678-93-9	Cyclohexane, butyl-	11.073	74		NJ
	Unknown-09	11.541	99		J
	Unknown-10	11.681	67		J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.827	84		NJ
13395-76-1	Cyclohexanone, 2,3-dimethyl-	11.997	86		NJ
	Unknown-11	12.24	40		J
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.356	110		NJ
	Unknown-12	12.471	41		J
	Unknown-13	12.538	27		J
	Unknown-14	12.66	99		J
	Unknown-15	12.855	42		J
	Unknown-16	13.049	53		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P1ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
930-89-2	Cyclopentane, 1-ethyl-2-methyl-, cis-	7.019	4000	ug/kg	NJ D
1678-91-7	Cyclohexane, ethyl-	7.944	11000		NJ D
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.041	5600		NJ D
	Unknown-01	8.357	5400		J D
3728-57-2	Cyclopentane, 1-methyl-2-propyl-	9.026	12000		NJ D
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.464	6200		NJ D
	Unknown-02	9.707	5000		J D
1678-92-8	Cyclohexane, propyl-	9.823	12000		NJ D
103-65-1	Benzene, propyl-	10.376	44000		NJ D
	Unknown-03	10.522	88000		J D
	Unknown-04	10.692	45000		J D
	Unknown-05	10.881	35000		J D
	Unknown-06	11.015	230000		J D
	Unknown-07	11.538	73000		J D
	Unknown-08	11.677	64000		J D
7525-62-4	Benzene, 1-ethenyl-3-ethyl-	11.805	74000		NJ D
4292-92-6	Cyclohexane, pentyl-	11.988	70000		NJ D
	Unknown-09	12.231	30000		J D
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.352	110000		NJ D
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.578	71000		NJ D
	Unknown-10	12.754	35000		J D
	Unknown-11	13.015	51000		J D
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	13.167	65000		NJ D
	Unknown-12	13.38	110000		J D
91-57-6	Naphthalene, 2-methyl-	13.63	65000		NJ D
	Unknown-13	14.049	79000		J D
581-40-8	Naphthalene, 2,3-dimethyl-	14.268	86000		NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00P1 Location=X118 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
589-90-2	Cyclohexane, 1,4-dimethyl-	6.73	840	ug/kg	NJ
930-89-2	Cyclopentane, 1-ethyl-2-methyl-, cis-	7.028	65		NJ
	Unknown-01	7.916	160		J
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.055	95		NJ
	Unknown-02	8.262	29		J
	Unknown-03	8.36	97		J
10405-84-2	cis-4-Nonene	8.87	35		NJ
	Unknown-04	9.041	190		J
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.472	100		NJ
	Unknown-05	9.71	62		J
1678-92-8	Cyclohexane, propyl-	9.831	210		NJ
	Unknown-06	10.087	23		J
17301-94-9	Nonane, 4-methyl-	10.16	27		NJ
103-65-1	Benzene, propyl-	10.385	44		NJ
	Unknown-07	10.531	100		J
	Unknown-08	10.701	48		J
	Unknown-09	10.871	48		J
	Unknown-10	11.023	44		J
1678-98-4	Cyclohexane, (2-methylpropyl)-	11.078	94		NJ
	Unknown-11	11.546	120		J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.832	44		NJ
2958-76-1	Naphthalene, decahydro-2-methyl-	11.905	140		NJ
	Unknown-12	12.239	38		J
	Unknown-13	12.355	75		J
	Unknown-14	12.477	26		J
	Unknown-15	12.61	19		J
	Unknown-16	12.659	33		J

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00N9ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
696-29-7	Cyclohexane, (1-methylethyl)-	9.682	360	ug/kg	NJ
	Unknown-01	9.907	920		J
	Unknown-02	10.005	2400		J
	Unknown-03	10.132	1200		J
	Unknown-04	10.406	4000		J
	Unknown-05	10.589	3400		J
	Unknown-06	10.692	3900		J
	Unknown-07	10.88	4300		J
	Unknown-08	11.014	21000		J
	Unknown-09	11.519	5200		J
	Unknown-10	11.671	6600		J
	Unknown-11	11.823	9400		J
	Unknown-12	11.993	5000		J
2958-76-1	Naphthalene, decahydro-2-methyl-	12.115	2100		NJ
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.212	4600		NJ
29750-24-1	Bicyclo[4.1.0]heptan-2-one, 3,5,5-trimet	12.328	9000		NJ
1606-08-2	Cyclopentylcyclohexane	12.535	3200		NJ
1124-27-2	Cyclohexane, 1-methyl-4-(1-methylethylid	12.79	3500		NJ
1075-16-7	Benzocycloheptene	13.051	3600		NJ
	Unknown-13	13.161	12000		J
	Unknown-14	13.41	11000		J
	Unknown-15	13.635	4500		J
	Unknown-16	13.696	8300		J
	Unknown-17	13.958	7100		J
	Unknown-18	14.049	3300		J
	Unknown-19	14.116	8000		J
	Unknown-20	14.292	6500		J
	Unknown-21	14.541	3900		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00N9 Location=X116 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	8.093	5.3	ug/kg	J
	Unknown-02	9.03	6.5		J
	Unknown-03	9.164	8.2		J
	Unknown-04	9.462	11		J
696-29-7	Cyclohexane, (1-methylethyl)-	9.687	6.6		NJ
	Unknown-05	9.839	30		J
	Unknown-06	10.137	190		J
	Unknown-07	10.587	84		J
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	10.696	100		NJ
	Unknown-08	10.879	150		J
	Unknown-09	11.018	730		J
	Unknown-10	11.578	68		J
	Unknown-11	11.675	210		J
	Unknown-12	11.821	320		J
	Unknown-13	11.991	130		J
	Unknown-14	12.235	61		J
	Unknown-15	12.362	88		J
	Unknown-16	12.472	290		J
	Unknown-17	12.654	130		J
	Unknown-18	12.752	58		J
3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl	12.843	230		NJ
	Unknown-19	13.05	150		J
	Unknown-20	13.159	220		J
	Unknown-21	13.329	250		J
	Unknown-22	13.414	330		J
	Unknown-23	13.639	100		J
	Unknown-24	13.785	110		J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00N8ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.041	1800	ug/kg	NJ
	Unknown-01	8.351	930		J
1678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	8.856	830		NJ
3728-57-2	Cyclopentane, 1-methyl-2-propyl-	9.026	1500		NJ
3728-56-1	1-Ethyl-4-methylcyclohexane	9.087	990		NJ
2207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	9.16	1200		NJ
4923-78-8	Cyclohexane, 1-ethyl-2-methyl-, trans-	9.458	2100		NJ
	Unknown-02	9.701	990		J
	Unknown-03	9.823	6000		J
	Unknown-04	10.407	6400		J
	Unknown-05	10.516	18000		J
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	10.693	9400		NJ
	Unknown-06	10.881	6900		J
	Unknown-07	11.015	34000		J
	Unknown-08	11.538	13000		J
	Unknown-09	11.757	9100		J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.897	12000		NJ
2958-75-0	1-Methyldecahydronaphthalene	12.049	12000		NJ
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.353	11000		NJ
	Unknown-10	12.657	4200		J
	Unknown-11	12.754	5200		J
	Unknown-12	12.918	4900		J
	Unknown-13	13.016	7500		J
	Unknown-14	13.411	9700		J
1127-76-0	Naphthalene, 1-ethyl-	14.116	9100		NJ
575-41-7	Naphthalene, 1,3-dimethyl-	14.269	7800		NJ

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00M8 Location=X201 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	11.993	67	ug/kg	J
	Unknown-02	12.225	33		J
	Unknown-03	12.535	29		J
	Unknown-04	12.656	120		J
	Unknown-05	12.851	50		J
	Unknown-06	13.046	62		J
	Unknown-07	13.331	17		J
5617-41-4	Heptylcyclohexane	13.416	35		NJ

Lab *SHEALY (Shealy Environmental Services)* **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00M7ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
930-89-2	Cyclopentane, 1-ethyl-2-methyl-, cis-	7.016	5300	ug/kg	NJ D
	Unknown-01	7.904	16000		J D
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.037	7400		NJ D
	Unknown-02	8.354	6700		J D
3728-57-2	Cyclopentane, 1-methyl-2-propyl-	9.029	15000		NJ D
4923-78-8	Cyclohexane, 1-ethyl-2-methyl-, trans-	9.46	8000		NJ D
	Unknown-03	9.704	5400		J D
	Unknown-04	9.819	17000		J D
103-65-1	Benzene, propyl-	10.379	34000		NJ D
	Unknown-05	10.519	88000		J D
	Unknown-06	10.695	45000		J D
	Unknown-07	10.877	34000		J D
	Unknown-08	11.017	180000		J D
496-11-7	Indane	11.358	25000		NJ D
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.741	28000		NJ D
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.826	69000		NJ D
4292-92-6	Cyclohexane, pentyl-	11.99	72000		NJ D
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	12.233	33000		NJ D
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.349	71000		NJ D
	Unknown-09	12.471	27000		J D
	Unknown-10	13.012	50000		J D
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	13.17	61000		NJ D
	Unknown-11	13.383	28000		J D
91-57-6	Naphthalene, 2-methyl-	13.511	110000		NJ D
90-12-0	Naphthalene, 1-methyl-	13.632	95000		NJ D
	Unknown-12	13.954	73000		J D
582-16-1	Naphthalene, 2,7-dimethyl-	14.173	31000		NJ D
581-40-8	Naphthalene, 2,3-dimethyl-	14.271	53000		NJ D

Lab SHEALY (Shealy Environmental Services) **SDG** E00M7 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32254

Tentatively identified Compounds

VOA_Low_Med Sample=E00M7 Location=X102 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
930-89-2	Cyclopentane, 1-ethyl-2-methyl-, cis-	7.027	220	ug/kg	NJ
	Unknown-01	7.915	210		J
1678-91-7	Cyclohexane, ethyl-	7.982	420		NJ
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.055	250		NJ
	Unknown-02	8.359	130		J
3728-57-2	Cyclopentane, 1-methyl-2-propyl-	9.034	540		NJ
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.472	280		NJ
	Unknown-03	9.709	210		J
1678-92-8	Cyclohexane, propyl-	9.831	610		NJ
17301-94-9	Nonane, 4-methyl-	10.159	16		NJ
103-65-1	Benzene, propyl-	10.384	22		NJ
	Unknown-04	10.53	46		J
	Unknown-05	10.7	25		J
	Unknown-06	10.871	23		J
496-11-7	Indane	11.363	42		NJ
	Unknown-07	11.54	54		J
	Unknown-08	11.679	40		J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.825	25		NJ
2958-76-1	Naphthalene, decahydro-2-methyl-	11.904	67		NJ
	Unknown-09	12.129	9.9		J
824-90-8	1-Phenyl-1-butene	12.239	23		NJ
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.354	37		NJ
	Unknown-10	12.47	16		J
	Unknown-11	12.61	11		J
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.659	18		NJ
	Unknown-12	12.92	10		J

Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method.
J	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL).
NJ	The analysis indicates the presence of an analyte that nas been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.
R	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
C	This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).
X	This qualified applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.

E00P5RX
Endrin, 4,4'-DDT, Endrin aldehyde

E00P6RX
Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endrin aldehyde

The following pesticide samples are reanalyzed (reinjected) samples.

E00M7RE, E00M8RE, E00M9RE, E00N1RE, E00N2RE, E00N3RE, E00N4RE, E00N5RE, E00N6RE, E00N7RE, E00N8RE, E00N9RE, E00P0RE, E00P1RE, E00P2RE, E00P2REDL, E00P4RE, E00P4REDL, E00P5RE, E00P6RE, E00P7RE, PBLK06RE, PBLK92RE, PLCS06RE, PLCS92RE

The following pesticide samples are reextracted and reanalyzed samples.

E00N7RX, E00N8RX, E00N9RX, E00P0RX, E00P1RX, E00P2RX, E00P4RX, E00P4RXDL, E00P5RX, E00P6RX, E00P7RX

The following aroclor samples reported one or more compounds with a concentration that exceeds the calibration range. The compound concentrations are qualified "J" as estimates. Samples were diluted and re-analyzed. Results from the diluted analyses should be regarded as the compounds' final concentration.

E00N9, E00P2, E00P4
Aroclor-1260

Case Number: 35607 SDG Number: E00M7
Site Name: State Ilada Waste Company, IL Laboratory: Shealy

The following samples were analyzed as medium level volatile samples.

E00M7ME, E00N6ME, E00N8ME, E00N9ME, E00P1ME, E00P2ME, E00P4ME, E00P5ME, VBLKM2, VBLKM7, VBLKM9

The following volatile samples are reanalyzed (reinjected) samples.

E00N5RE, E00P1RE

The following volatile samples reported a semivolatile target analyte as a VOA TIC.

2-Methylnaphthalene (Cas No. 91-57-6)
E00M7ME, E00P1ME, E00P2ME, E00P7

The following semivolatile sample reported a volatile target analyte as a SV TIC.

Toluene (Cas No. 108-88-3)
E00N7

Concentration values and CRQLs for the pesticide samples were manually corrected in all (Lotus and Excel) electronic files.

The following pesticide samples reported one or more compounds with a concentration that exceeds the calibration range. The compound concentrations are qualified "J" as estimates. Samples were diluted and re-analyzed. Results from the diluted analyses should be regarded as the compounds' final concentration.

E00P2, E00P2RE
Dieldrin, Endrin, 4,4'-DDD, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde

E00P2REDL
Endrin

E00P4
Beta-BHC, delta-BHC, gamma-BHC (Lindane), Aldrin, Dieldrin, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P4REDL
Endrin, Endrin ketone

E00P4RX
Endrin, 4,4'-DDT

Case Number: 35607 SDG Number: E00M7
Site Name: State Ilada Waste Company, IL Laboratory: Shealy

VBLK02	Low	250	5
VBLK03		500	10
VBLK07		5000	100
VBLK09			
VBLK10			

The Laboratory submitted Form Is for the following samples with low-level CRQL values instead of medium-level CRQL values. The proper CRQLs are identified below. Only the values for the detected compounds were corrected in the electronic spreadsheets.

E00N6ME	Medium	410
		830
		8300
VBLKM7	Medium	250
		500
		5000

The following volatile samples reported one or more compounds with a concentration that exceeds the calibration range. The compound concentrations are qualified "J" as estimates. Samples were re-analyzed as medium level samples. Results from the medium level analysis should be regarded as the compounds' final concentration.

E00M7, E00P1, E00P1RE
Cyclohexane, Methylcyclohexane

E00P2
1,1-Dichloroethene, cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Toluene, m,p-Xylene

E00P4
Vinyl chloride, Trichlorofluoromethane, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Cyclohexane, Carbon tetrachloride, Benzene, Trichloroethene, Toluene, 1,1,2-Trichloroethane, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene

The following samples were analyzed as low level volatile samples.

E00M7, E00M8, E00M9, E00N0, E00N1, E00N2, E00N3, E00N4, E00N5, E00N5RE, E00N6, E00N7, E00N8, E00N9, E00P0, E00P1, E00P1RE, E00P2, E00P4, E00P5, E00P6, E00P7, VBLK01, VBLK02, VBLK03, VBLK07, VBLK09, VBLK10, VHBLK68

Case Number: 35607 SDG Number: E00M7
Site Name: State Ilada Waste Company, IL Laboratory: Shealy

E00N6	Low	360	7.1
		710	14
		7100	140
E00N7	Low	230	4.6
		460	9.2
		4600	92
E00N8	Low	230	4.5
		450	9.0
		4500	90
E00N9	Low	250	5
		500	10
		5000	100
E00P0	Low	230	4.7
		470	9.4
		4700	94
E00P1	Low	250	5.0
		500	9.9
		5000	99
E00P1ME	Medium	4100	1000
		8300	2100
		83000	21000
E00P1RE	Low	260	5.1
		510	10
		5100	100
E00P2	Low	240	4.8
		480	9.6
		4800	96
E00P2ME	Medium	26000	2600
		52000	5200
		520000	52000
E00P4	Low	390	7.8
		770	16
		7700	160
E00P4ME	Medium	930000	19000
		1900000	38000
		19000000	380000
E00P5	Low	260	5.2
		520	10
		5200	100
E00P6	Low	280	5.6
		560	11
		5600	110
E00P7	Low	220	4.4
		440	8.8
		4400	88

12. ADDITIONAL INFORMATION

The SVOA/Pest/Aroclor container for samples E00N0 arrived at the laboratory already broken; therefore those analyses were cancelled.

The CADRE spreadsheets (Lotus and Excel) reported incorrect CRQLs for the following Volatile samples. The program reported CRQLs appropriate for medium level analyses but the samples were analyzed as low-level volatiles. Only the values for the detected compounds were corrected in the electronic spreadsheets.

Sample	Analysis	Incorrect CRQL	CORRECT CRQL
E00M7ME	Medium	1900	940
		3700	1900
		37000	19000
E00M8	Low	470	9.4
		930	19
		9300	190
E00M9	Low	490	9.8
		980	20
		9800	200
E00N0	Low	390	7.8
		780	16
		7800	160
E00N1	Low	540	11
		1100	22
		11000	220
E00N2	Low	480	9.6
		950	19
		9500	190
E00N3	Low	450	9
		900	18
		9000	180
E00N4	Low	500	10
		1000	20
		10000	200
E00N5	Low	380	7.6
		770	15
		7700	150
E00N5RE	Low	360	7.4
		740	15
		7400	150

E00P4RE
Alpha-BHC, delta-BHC, Heptachlor, Endosulfan I, 4,4'-DDE, Endosulfan sulfate, Methoxychlor, gamma-Chlordane

E00P4REDL
Beta-BHC, gamma-BHC (Lindane)

E00P5
Beta-BHC, 4,4'-DDD, Endosulfan sulfate, Methoxychlor

E00P5RE
Dieldrin, 4,4'-DDD, Endosulfan sulfate, Methoxychlor, Endrin ketone, gamma-Chlordane

E00P6
Beta-BHC, gamma-BHC (Lindane), Endosulfan I, Endosulfan sulfate, Methoxychlor

E00P6RE
Heptachlor, Aldrin, Endosulfan I, Endosulfan sulfate, Methoxychlor, Endrin ketone

E00P7
Heptachlor, Dieldrin, 4,4'-DDE, 4,4-DDD, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde

E00P7RE
Heptachlor, Dieldrin, 4,4'-DDE, 4,4-DDD, Endosulfan sulfate, 4,4'-DDT, Endrin ketone, Endrin aldehyde

The following aroclor samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

ALCS07
Aroclor-1016

ALCS93
Aroclor-1016, Aroclor-1260

E00M8, E00N1, E00N4, E00N7
Aroclor-1260

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide and aroclor analysis was acceptable.

PLCS92
gamma-BHC (Lindane), Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endosulfan sulfate, gamma-Chlordane

The relative percent difference between analyte results for the following pesticides samples is greater than 25%. Detected results were elevated to the CRQL and qualified "U" because the reported results were less than twenty-five percent of the CRQL value. The non-detects are ultimately qualified "R" due to poor LCS recoveries.

E00N7
Endrin ketone, Endrin aldehyde, gamma-Chlordane

E00N7RE
4,4'-DDT, Methoxychlor, gamma-Chlordane

E00N8
Alpha-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Endosulfan II, 4,4'-DDD, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00N8RE
Alpha-BHC, delta-BHC, gamma-BHC (Lindane), Aldrin, Endosulfan II, Methoxychlor, Endrin ketone, gamma-Chlordane

E00N9
Aldrin, Endosulfan sulfate

E00N9RE
Heptachlor, Aldrin, Endosulfan sulfate, Methoxychlor, Endrin ketone

E00P0
gamma-BHC (Lindane), Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Methoxychlor, gamma-Chlordane

E00P0RE
gamma-BHC (Lindane), Endosulfan II, Methoxychlor, Endrin ketone

E00P1
Endrin, 4,4'-DDD

E00P1RE
Methoxychlor

E00P2REDL
Beta-BHC, Dieldrin, Endosulfan sulfate, Methoxychlor, gamma-Chlordane

E00N6
Heptachlor epoxide, Endosulfan I, Endosulfan II, Methoxychlor

E00N6RE
Heptachlor epoxide, Endosulfan II, Methoxychlor

E00N7RX
Beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor epoxide, Endosulfan I, Endosulfan II, 4,4'-DDD, 4,4'-DDT, alpha-Chlordane

E00N8RX
gamma-BHC (Lindane), Endosulfan II, 4,4'-DDT

E00N9RX
Beta-BHC, Heptachlor, Aldrin, Endosulfan I, 4,4'-DDD, Methoxychlor, Endrin ketone, alpha-Chlordane

E00P0RX
Heptachlor, 4,4'-DDE, 4,4'-DDD, Endosulfan sulfate, Methoxychlor, gamma-Chlordane

E00P1RX
Heptachlor, Endrin, Endrin ketone, Endrin aldehyde

E00P2RX
Beta-BHC, gamma-BHC (Lindane), Endosulfan I, Endrin ketone, alpha-Chlordane

E00P4RX
Alpha-BHC, Heptachlor epoxide, 4,4'-DDD, Endosulfan sulfate, Methoxychlor

E00P4RXDL
Heptachlor epoxide, 4,4'-DDE, 4,4'-DDD

E00P5RX
Delta-BHC, Endrin ketone

E00P6RX
Beta-BHC, delta-BHC, alpha-Chlordane, gamma-Chlordane

E00P7RX
Beta-BHC, delta-BHC, gamma-BHC (Lindane), 4,4'-DDE, Endosulfan sulfate, Methoxychlor

PBLK06RE, PBLK92, PLCS06
Methoxychlor

reported results were less than twenty-five percent of the CRQL value. Non-detected compounds are ultimately qualified "UJ" due to poor GPC clean-up recoveries.

E00M7
Dieldrin, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde

E00M7RE
4,4'-DDT, Endrin ketone, Endrin aldehyde

E00M8
Endrin, 4,4'-DDT, Methoxychlor, Endrin aldehyde

E00M8RE
Endrin, Endrin aldehyde, gamma-Chlordane

E00M9
Endrin, Endrin aldehyde

E00M9RE
4,4'-DDT, Endrin aldehyde

E00N1
Heptachlor, Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00N1RE
Delta-BHC, Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00N3
4,4'-DDD, Methoxychlor, Endrin aldehyde, gamma-Chlordane

E00N3RE
Heptachlor epoxide, Endrin aldehyde, gamma-Chlordane

E00N4, E00N4RE
Endrin, 4,4'-DDT, Methoxychlor

E00N5
Delta-BHC, Aldrin, Endosulfan sulfate, Methoxychlor

E00N5RE
Aldrin, Endosulfan sulfate, Endrin ketone

E00P5
Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endosulfan II, 4,4'-DDT, Endrin ketone, Endrin aldehyde, alpha-Chlordane

E00P5RE
Delta-BHC, gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Endosulfan I, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDT, Endrin aldehyde, alpha-Chlordane

E00P5RX
Beta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde, gamma-Chlordane

E00P6
Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin ketone, Endrin aldehyde, gamma-Chlordane

E00P6RE
Gamma-BHC (Lindane), Heptachlor epoxide, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDT, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P6RX
Gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde

E00P7
Endrin, Endrin ketone

E00P7RE
Endrin

E00P7RX
Heptachlor, Heptachlor epoxide, Dieldrin, Endrin, Endosulfan II, 4,4'-DDT, Endrin ketone, alpha-Chlordane

PLCS06RE
Gamma-BHC (Lindane), Heptachlor epoxide, 4,4'-DDE, gamma-Chlordane

PLCS92RE
Gamma-BHC (Lindane), Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, gamma-Chlordane

The relative percent difference between analyte results for the following pesticides samples is greater than 25%. Detected results were elevated to the CRQL and qualified "U" because the

E00P2
Beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P2RE
Beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P2REDL
Delta-BHC, Aldrin, Heptachlor epoxide, Endosulfan I, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin ketone, Endrin aldehyde, alpha-Chlordane

E00P2RX
Delta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, 4,4'-DDE, Endosulfan II, 4,4'-DDT, Endrin aldehyde

E00P4
Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P4RE
Aldrin, Heptachlor epoxide, Dieldrin, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin ketone, Endrin aldehyde

E00P4REDL
Alpha-BHC, delta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane, Toxaphene

E00P4RX
Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDT, Endrin ketone, Endrin aldehyde, gamma-Chlordane

E00P4RXDL
Gamma-BHC (Lindane), Heptachlor, Dieldrin, Endosulfan II, Endosulfan sulfate, 4,4'-DDT, Endrin ketone, Endrin aldehyde, gamma-Chlordane

E00N1, E00N1RE, E00N6, E00P0RE
Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00N3, E00N3RE
Alpha-Chlordane

E00N5
Heptachlor epoxide, Dieldrin, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin ketone, Endrin aldehyde

E00N5RE
Heptachlor epoxide, Dieldrin, Endrin, Endosulfan II, 4,4'-DDT, Endrin aldehyde

E00N6RE
Endosulfan I, Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00N8
Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde

E00N8RE
Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde

E00N9
Beta-BHC, delta-BHC, Heptachlor, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00N9RE
Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00N9RX
Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endosulfan II, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde

E00P0
Dieldrin, 4,4'-DDE, Endrin, 4,4'-DDT, Endrin aldehyde

E00P0RX
Heptachlor epoxide, Dieldrin, Endosulfan II, 4,4'-DDT, Endrin ketone, Endrin aldehyde

E00P4RXDL
Beta-BHC, gamma-BHC (Lindane), Heptachlor, Endosulfan I, Endosulfan II, Endosulfan sulfate, alpha-Chlordane, gamma-Chlordane

E00P5
Heptachlor, Heptachlor epoxide, Endosulfan II

E00P5RE
Delta-BHC, Heptachlor, Endosulfan I, 4,4'-DDE, Endosulfan II

E00P5RX
Beta-BHC, gamma-BHC (Lindane), 4,4'-DDD, Endosulfan sulfate, gamma-Chlordane

E00P6
Heptachlor epoxide, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endrin aldehyde, gamma-Chlordane

E00P6RE
gamma-BHC (Lindane), Heptachlor epoxide, 4,4'-DDE, Endosulfan II, alpha-Chlordane, gamma-Chlordane

E00P7
Heptachlor epoxide, Endrin, Endrin ketone

E00P7RE
Heptachlor epoxide, Endrin

E00P7RX
Heptachlor, Heptachlor epoxide, Endrin, Endosulfan II, alpha-Chlordane

PBLK06, PBLK61
Methoxychlor

PLCS06, PLCS06RE, PLCS61, PLCS92, PLCS92RE
gamma-BHC (Lindane), Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan sulfate, gamma-Chlordane

The relative percent difference between analyte results for the following pesticides samples is greater than 25%. Detected results were qualified "J" because the reported results were greater than twenty-five percent of the CRQL value.

E00M7, E00M7RE
Gamma-BHC (Lindane), Endrin

E00N9
Beta-BHC, Delta-BHC, Heptachlor, Heptachlor epoxide, Endosulfan I, Endosulfan II, 4,4'-DDD, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00N9RE
Heptachlor epoxide, Endosulfan II, 4,4'-DDD, alpha-Chlordane, gamma-Chlordane

E00N9RX
Heptachlor epoxide, 4,4'-DDE, Endosulfan II, Endosulfan sulfate

E00P0
Dieldrin, 4,4'-DDE, 4,4'-DDT, Endrin aldehyde

E00P0RE
Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDT, Endrin aldehyde, gamma-Chlordane

E00P1RE
Endrin

E00P2, E00P6RX
gamma-BHC (Lindane)

E00P2RE
Gamma-BHC (Lindane), Endosulfan II, Endosulfan sulfate, alpha-Chlordane

E00P2REDL
Delta-BHC, Heptachlor, Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Endrin ketone, alpha-Chlordane

E00P2RX
Delta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, 4,4'-DDE, Endosulfan II

E00P4RE
Aldrin, Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Endrin ketone

E00P4REDL
Alpha-BHC, delta-BHC, Heptachlor, Endosulfan I, 4,4'-DDE, Endosulfan sulfate, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00P4RX
Beta-BHC, gamma-BHC (Lindane), 4,4'-DDE, Endosulfan II

E00N1
Delta-BHC, Dieldrin, 4,4'-DDT, Endrin aldehyde

E00N1RE
Dieldrin, 4,4'-DDT, Endrin aldehyde

E00N2RE
Endrin aldehyde

E00N3
Heptachlor epoxide, alpha-Chlordane

E00N3RE
alpha-Chlordane

E00N4
Endosulfan II

E00N5, E00P0RX
Heptachlor epoxide, Endosulfan II

E00N5RE
Heptachlor epoxide, Endosulfan II, Methoxychlor

E00N6
Dieldrin, 4,4'-DDT, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00N6RE
Delta-BHC, Endosulfan I, Dieldrin, 4,4'-DDT, Endrin aldehyde

E00N7RX
Heptachlor, Endrin

E00N8
Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan sulfate

E00N8RE
Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, 4,4'-DDD, Endosulfan sulfate

E00N8RX
Endrin, Endosulfan sulfate, Endrin aldehyde

E00P1
Phenanthrene, Carbazole

E00P2
Naphthalene, 2-Methylnaphthalene, Fluorene, Phenanthrene, Carbazole

E00P4
Phenol, 4-Methylphenol, 1,1'-Biphenyl, Fluorene, Carbazole, Benzo(a)pyrene

E00P5
Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

E00P6
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00P7
Naphthalene, 2-Methylnaphthalene, Fluorene, Phenanthrene, Carbazole, Fluoranthene, Benzo(a)pyrene

SBLK04, SBLK55
Di-n-butylphthalate, bis(2-Ethylhexyl)phthalate

SBLK66, SBLK79
Di-n-butylphthalate, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate

SBLK94
Butylbenzylphthalate, Chrysene, bis(2-Ethylhexyl)phthalate

The following pesticide samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

E00M7, E00M7RE
Gamma-BHC (Lindane), Endrin

E00M8
Dieldrin, Endosulfan II, Endrin ketone

E00M8RE
Dieldrin, 4,4'-DDT, Endrin ketone

E00M9
4,4'-DDT

E00N1
Phenanthrene, Fluoranthene, Pyrene, Chrysene

E00N3
Fluoranthene, Pyrene, Chrysene, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(a)pyrene

E00N4
Di-n-octylphthalate, Benzo(a)pyrene

E00N5
Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Anthracene, Benzo(k)fluoranthene

E00N6
Anthracene, Carbazole, Benzo(a)anthracene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00N6ME
Di-n-butylphthalate

E00N7
Caprolactam, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(a)pyrene

E00N8
Di-n-butylphthalate, Di-n-octylphthalate, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00N8ME
Dibenzofuran, Carbazole, Di-n-butylphthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene, 2,3,4,6-Tetrachlorophenol

E00N9
2-Methylnaphthalene, Acenaphthylene, Dibenzofuran, Anthracene, Di-n-butylphthalate, Fluoranthene, Benzo(a)anthracene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00N9ME
2,4-Dichlorophenol, Acenaphthylene, Dibenzofuran, Phenanthrene, Carbazole, Di-n-butylphthalate, Fluoranthene, Benzo(a)anthracene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene, 2,3,4,6-Tetrachlorophenol

E00P0
Pyrene, Benzo(a)pyrene, Benzo(g,h,i)perylene

E00P6
Methylene chloride, Benzene

E00P7
Methylene chloride, Benzene, Isopropylbenzene

VBLK01, VBLK09, VBLKM2
1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

VBLK02
1,1-Dichloroethene, Acetone, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

VBLK03
1,2,3-Trichlorobenzene

VBLK07
Acetone, cis-1,2-Dichloroethene, 2-Butanone, Trichloroethene, 2-Hexanone, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

VBLKM7
Cis-1,2-Dichloroethene, Trichloroethene

VBLKM9
1,2,4-Trichlorobenzene

VHBLK68
Toluene, Ethylbenzene, o-Xylene, m,p-Xylene

The following semivolatile samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

E00M7
Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00M8
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00M9
Di-n-octylphthalate

Case Number: 35607
Site Name: State Ilada Waste Company, IL

SDG Number: E00M7
Laboratory: Shealy

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, pesticide and Aroclor compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

E00M7ME
Methylene chloride, Benzene, 1,2-Dichloroethane

E00N0
Acetone

E00N4, E00N5, E00N5RE
2-Butanone

E00N7, E00P0, E00P1ME
Methylene chloride, 2-Butanone

E00N8, E00N9, E00P1
Methylene chloride

E00N8ME
1,1-Dichloroethene, Isopropylbenzene

E00N9ME
1,2-Dichloroethane

E00P2
Carbon disulfide, Methylene chloride

E00P2ME
1,1-Dichloroethene, Methylene chloride, Tetrachloroethene, Isopropylbenzene

E00P4ME
Methylene chloride, Toluene, Tetrachloroethene, o-Xylene, m,p-Xylene

E00P5ME
1,1,1-Trichloroethane, Toluene

The following pesticide soil sample has two or more surrogate percent recoveries greater than 150% and one surrogate percent recovery below 10%. Detected compounds are qualified "J". Non-detected compounds are qualified "R".

E00P4

The following pesticide soil samples have at least one surrogate percent recoveries less than 10%. Detected compounds are qualified "J". Non-detected compounds are qualified "R".

E00P2

The following diluted aroclor soil samples have two or more surrogate percent recoveries greater than 150%. Detected compounds and non-detected compounds are not qualified when the dilution factor for an extractable sample is equal to or greater than 5.0.

E00P4, E00P4DL

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No MS/MSD analyses were requested for this sample delivery group.

6B. LABORATORY CONTROL SAMPLE

The following pesticide samples are associated with a laboratory control sample (LCS) percent recovery below the lower QC limits. Detected compounds are qualified "J". Non-detected compounds are qualified "R".

E00N7, E00N7RE, E00N8, E00N8RE, E00N9, E00N9RE, E00P0, E00P0RE, E00P1, E00P1RE, E00P2, E00P2RE, E00P2REDL, E00P4, E00P4RE, E00P4REDL, E00P5, E00P5RE, E00P6, E00P6RE, E00P7, E00P7RE

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as trip blanks, field blanks or field duplicates.

8. INTERNAL STANDARDS

The following volatile sample has internal standard area counts that are less than the lower limit but greater than 10% of the 12-hr standard. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ". A non-detect for Bromoform in sample E00P4 is ultimately qualified "R" due to poor surrogate recovery.

E00P4
Bromoform, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00N1
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate

E00N2
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Dibenzofuran, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

The following pesticide samples have one out of four surrogate percent recoveries less than 30%. Detected compounds and non-detected compounds are not qualified when less than two recoveries are outside the QC limits.

E00M9, E00N1RE, E00N2RE, E00N4, PLCS92

The following pesticide soil samples have one out of four surrogate percent recoveries above the upper limit of 150%. Detected compounds and non-detected compounds are not qualified when less than two recoveries are outside the QC limits. Non-detected compounds in samples E00P2RE, E00P4RE, E00P5, E00P7 and E00P7RE are qualified "R" due to poor LCS recoveries.

E00N3RE, E00N5RE, E00P2RE, E00P4RE, E00P5, E00P7, E00P7RE

The following diluted pesticide soil samples have two or more surrogate percent recoveries greater than 150%. Detected compounds and non-detected compounds are not qualified when the dilution factor for an extractable sample is equal to or greater than 5.0.

E00P2REDL, E00P4REDL, E00P4RX, E00P4RXDL

The following pesticide samples have two or more surrogate percent recoveries less than 30%. No compounds were detected. Non-detected compounds are qualified "UJ".

E00M9RE

The following pesticide samples have two or more surrogate percent recoveries less than 30%. No compounds were detected. Non-detected compounds in samples E00N7 and E00N7RE are ultimately qualified "R" due to poor LCS recoveries.

E00N7, E00N7RE

E00P4
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Acetone, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1-Dichloroethane, 2-Butanone, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dichloroethane, Dibromochloromethane, 1,2-Dibromoethane, Bromoform

The following diluted semivolatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds and non-detected compounds are not qualified when the dilution factor is equal to or greater than 5.0.

E00P1
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene

The following diluted semivolatile samples have DMC/SMC recoveries below the lower limit of the criteria window. Detected compounds and non-detected compounds are not qualified when the dilution factor is equal to or greater than 5.0.

E00P4
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate

The following diluted semivolatile samples have DMC/SMC recoveries less than 50% of the lower limit (<25%). Detected compounds and non-detected compounds are not qualified when the dilution factor is equal to or greater than 5.0.

E00P4
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene

The following semivolatile method blank has DMC/SMC recoveries below the lower limit of the criteria window. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

SBLK66
Dibenzofuran, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole

The following semivolatile samples have DMC/SMC recoveries below the lower limit of the criteria window. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E00M9, E00N6, E00P0
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Dibenzofuran, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate

E00N6
cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00P0
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane

E00P1, E00P4
Benzene

E00P1RE
cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane

E00P2
Trichloroethene, Toluene, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

E00P6
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dichloroethane, Trichloroethene, Toluene, Tetrachloroethene, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

The following volatile samples have deuterated monitoring compound recovery less than 20%. Detected compounds are qualified "J". Non-detected compounds are qualified "R".

E00P1
Trichloroethene, Toluene, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

E00P1RE
Dichlorofluoromethane, Chloromethane, Vinyl chloride, Bromomethane, Chloroethane, Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Acetone, Carbon disulfide, Methyl acetate, Methylene chloride, trans-1,2-Dichloroethene, Methyl-tert-butyl ether, 1,1-Dichloroethane, cis-1,2-Dichloroethene, 2-Butanone, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, Carbon tetrachloride, Benzene, 1,2-Dichloroethane, 1,4-Dioxane, Trichloroethene, 4-Methyl-2-pentanone, Toluene, Tetrachloroethene, 2-Hexanone, Dibromochloromethane, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Bromoform, Isopropylbenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00P5ME
Vinyl chloride, Benzene, Trichloroethene, Toluene, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

The following volatile samples have deuterated monitoring compound recoveries below the lower limit of the criteria window and greater than 20%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E00M7
Benzene, Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00M7ME
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dichloroethane, 1,2-Dibromoethane

E00M8, E00P7
Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00N5
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1-Dichloroethane, Bromochloromethane, Chloroform, 1,1,1-Trichloroethane, Cyclohexane, Carbon tetrachloride, Benzene, 1,2-Dichloroethane, Trichloroethene, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, Dibromochloromethane, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Bromoform, Isopropylbenzene, 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00N5RE
Cyclohexane, Trichloroethene, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, Chlorobenzene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00M8, E00M9, E00N3, E00N6, E00N7, E00P0, E00P6

The following pesticide samples have analyte concentrations reported below the CRQL. The associated method blank has the analyte concentration below the CRQL. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. All non-detects were ultimately qualified "UJ" because GPC recoveries were outside the acceptance criteria.

Methoxychlor
E00N7RX, E00N8RX, E00P1RX, E00P2RX, E00P4RXDL, E00P5RX, PLCS61

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

The following volatile samples have DMC/SMC recoveries above the upper limits of the criteria windows. Detected compounds are qualified "J". Non-detected compounds are not qualified. Some non-detected compounds in sample E00P4 are qualified "UJ" due to poor internal standard recovery. 1,4-Dioxane in sample E00P4 is qualified "R" due to failure to meet calibration criteria. The non-detect for Trichloroethene is qualified "UJ" in sample E00P5ME because all calibration criteria were not met.

E00M7
Cyclohexane, Trichloroethene, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

E00P1
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

E00P1RE
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane

E00P2
1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene

E00P2ME, E00P4ME
Benzene

E00P4
1,1-Dichloroethene, trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, Cyclohexane, 1,4-Dioxane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Chlorobenzene, 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene,

o-Xylene
E00P1RE, E00P7

M,p-Xylene
E00P7

The following semivolatile samples have common contaminant analyte concentrations reported less than 5X the CRQL. The associated method blank concentration is less than 5X the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. Non-detected compounds in samples E00M9, E00N1, E00N2 and E00P0 are qualified "UJ" due to poor surrogate recoveries.

Bis(2-Ethylhexyl)phthalate
E00M7, E00M8, E00M9, E00N1, E00N2, E00N3, E00N4, E00N5, E00N6ME, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P0, E00P2, E00P4, E00P5, E00P6

The following semivolatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. A non-detect for Di-n-butylphthalate in sample E00N1 is qualified "UJ" due to poor DMC recovery. A non-detect for Di-n-octylphthalate in sample E00P5 is qualified "UJ" because all calibration criteria were not met.

Di-n-butylphthalate
E00M7, E00N1, E00N3, E00N4, E00N5, E00N7, E00P2, E00P6

Chrysene
E00N9

Di-n-octyphthalate
E00P5

The following semivolatile samples have a TIC concentration above 330 µg/Kg and less than 5X the associated method blank concentration (corrected for dilution). Detected compounds are qualified "U" and removed from the TIC NFG Report #9.

E00M7, E00M8, E00M9, E00N1, E00N2, E00N3, E00N4, E00N7, E00P0, E00P5, E00P5ME, E00P6, E00P7

The following semivolatile samples have a TIC concentration below 330 µg/Kg or less than the associated method blank concentration (corrected for dilution). Detected compounds are qualified "U" and removed from the TIC NFG Report #9.

Case Number: 35607 SDG Number: E00M7
Site Name: State Ilada Waste Company, IL Laboratory: Shealy

The following volatile samples have common contaminant analyte concentrations reported above the CRQL but less than 10x the method blank concentration. Detected compounds are qualified "U". Non-detected compounds are not qualified. Report the sample concentrations.

Acetone
E00N2, E00N7, E00N8

The following volatile sample has an analyte concentration reported less than the CRQL. The associated method blank is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. The reported sample concentration has been elevated to the CRQL.

1,2,3-Trichlorobenzene
E00P2

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank is less than the concentration criteria. Detected compounds are qualified "U". Reported sample concentrations have been elevated to the CRQL. Non-detected compounds are qualified "UJ" due to poor DMC recoveries or because all calibration criteria were not met.

Trichloroethene
E00N8ME, E00N9ME, E00P5ME, E00P6, E00P7

1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene
E00P6

The following volatile samples has an analyte concentration reported greater than or equal to the CRQL. The associated method blank is less than the concentration criteria. Detected compounds are qualified "U". Report the sample concentrations. The non-detect for 1,2,3-Trichlorobenzene in sample E00P4 is qualified "UJ" due to poor internal standard recovery.

1,2,3-Trichlorobenzene
E00P4

The following volatile samples have analyte concentrations reported below the CRQL. The associated storage blank is less than the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL. A non-detect for o-Xylene in sample E00P1RE is qualified "R" due to poor DMC percent recovery.

Ethylbenzene
E00M8, E00P7

E00N7, E00N8, E00N9, E00P0, E00P1, E00P2, E00P4, E00P5, E00P6, E00P7, PLCS06, PLCS92

Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane
E00N7RE, E00N8RE, E00N9RE, E00P0RE, E00P1RE, E00P2RE, E00P2REDL, E00P4RE, E00P4REDL, E00P5RE, E00P6RE, E00P7RE

The following pesticide samples are associated a opening or closing INDC with a surrogate percent difference (%D) greater than 20%. Detected and non-detected compounds are not qualified based on the %D of the surrogate alone.

E00M7, E00M7RE, E00M8, E00M8RE, E00M9, E00M9RE, E00N1, E00N1RE, E00N2, E00N2RE, E00N3, E00N3RE, E00N4, E00N4RE, E00N5, E00N5RE, E00N6, E00N6RE, PBLK06, PBLK06RE, PBLK92, PBLK92RE, PLCS06, PLCS06RE, PLCS92, PLCS92RE

The following pesticide samples are associated a opening or closing INDC with a surrogate percent difference (%D) greater than 20%. Detected and non-detected compounds are not qualified based on the %D of the surrogate alone.

E00N7, E00N7RE, E00N8, E00N8RE, E00N9, E00N9RE, E00P0, E00P0RE, E00P1, E00P1RE, E00P2, E00P2RE, E00P2REDL, E00P4, E00P4RE, E00P4REDL, E00P5, E00P5RE, E00P6, E00P6RE, E00P7, E00P7RE

4. BLANKS

The following volatile samples were analyzed after a highly contaminated sample with no preceding instrument blank. Detected compounds are qualified "J" because of possible cross contamination.

E00P4
1,1-Dichloroethene, cis-1,2-Dichloroethene, 1,1,1-Trichloroethane, Toluene, m,p-Xylene

The following volatile samples have common contaminant analyte concentrations reported less than 2X the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria. Detected compounds are qualified "U". Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Acetone
E00M9, E00N3, E00P6

Hexachlorocyclopentadiene, Di-n-octylphthalate
E00N6, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P5, SBLK66, SBLK79

The following pesticide samples are associated a opening or closing PEM with a surrogate percent difference (%D) greater than 25%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E00M7, E00M7RE, E00M8, E00M8RE, E00M9, E00M9RE, E00N1, E00N1RE, E00N2, E00N2RE, E00N3, E00N3RE, E00N4, E00N4RE, E00N5, E00N5RE, E00N6, E00N6RE, PBLK06, PBLK06RE, PBLK92, PBLK92RE, PLCS92, PLCS92RE

The following pesticide samples are associated a opening or closing PEM with a surrogate percent difference (%D) greater than 25%. Detected compounds are qualified "J". Non-detected compounds are qualified "R" due to poor LCS recoveries.

E00N7, E00N7RE, E00N8, E00N8RE, E00N9, E00N9RE, E00P0, E00P0RE, E00P1, E00P1RE, E00P2, E00P2RE, E00P2REDL, E00P4, E00P4RE, E00P4REDL, E00P5, E00P5RE, E00P6, E00P6RE, E00P7, E00P7RE, PLCS06, PLCS06RE

The following pesticide samples are associated an opening or closing CCV (INDC) with analyte percent differences (%D) greater than 20%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane
E00M7, E00M8, E00M9, E00N1, E00N2, E00N3, E00N4, E00N5, E00N6, PBLK06, PBLK92

Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane
E00M7RE, E00M8RE, E00M9RE, E00N1RE, E00N2RE, E00N3RE, E00N4RE, E00N5RE, E00N6RE, PBLK06RE, PBLK92RE, PLCS06RE, PLCS92RE

The following pesticide samples are associated an opening or closing CCV (INDC) with analyte percent differences (%D) greater than 20%. Detected compounds are qualified "J". Non-detected compounds are qualified "R" due to poor LCS recoveries.

Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00P4ME, E00P5, E00P5ME, E00P6, E00P7, VBLK01, VBLK02, VBLK03, VBLK07, VBLK09, VBLK10, VBLKM2, VBLKM7, VBLKM9, VHBLK68

The following volatile samples are associated with an opening or closing CCV RRF was less than 0.005. The compound was not found in any of the samples. Non-detected compounds are qualified "R".

1,4-Dioxane
E00M7, E00M7ME, E00M8, E00M9, E00N0, E00N1, E00N2, E00N3, E00N4, E00N5, E00N5RE, E00N6, E00N6ME, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P0, E00P1, E00P1ME, E00P1RE, E00P2, E00P2ME, E00P4, E00P4ME, E00P5, E00P5ME, E00P6, E00P7, VBLK01, VBLK02, VBLK03, VBLK07, VBLK09, VBLK10, VBLKM2, VBLKM7, VBLKM9, VHBLK68

The following volatile samples are associated with a DMC with an opening or closing RRF less than 0.005. Detected and non-detected compounds are not qualified based on the RRF data of the DMC alone.

1,4-Dioxane-d8
E00M7, E00M7ME, E00M8, E00M9, E00N0, E00N1, E00N2, E00N3, E00N4, E00N5, E00N5RE, E00N6, E00N6ME, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P0, E00P1, E00P1ME, E00P1RE, E00P2, E00P2ME, E00P4, E00P4ME, E00P5, E00P5ME, E00P6, E00P7, VBLK01, VBLK02, VBLK03, VBLK07, VBLK09, VBLK10, VBLKM2, VBLKM7, VBLKM9, VHBLK68

The following volatile samples are associated with an opening CCV percent difference (%D) greater than 25%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ". A non-detect for Vinyl chloride in sample E00P1RE is qualified "R" due to poor DMC percent recovery.

Vinyl chloride
E00M9, E00N2, E00N3, E00N4, E00N5RE, E00N6, E00N7, E00N8, E00N9, E00P0, E00P1, E00P1RE, E00P2, E00P4, VBLK02, VBLK03, VBLK10, VHBLK68

1,1,1-Trichloroethane, Carbon Tetrachloride
E00M7ME, E00P1ME, E00P2ME, E00P4ME, E00P5, VBLK09, VBLKM9

Trichloroethene
E00N8ME, E00N9ME, E00P5ME, E00P6, E00P7, VBLK07, VBLKM7

The following semivolatile samples are associated with a closing CCV percent difference (%D) greater than 50%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

Case Number: 35607 SDG Number: E00M7
Site Name: State Ilada Waste Company, IL Laboratory: Shealy

1. HOLDING TIME

The following pesticide water samples were extracted more than 14 days but less than 28 days after sample collection. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E00N7RX, E00N8RX, E00N9RX, E00P0RX, E00P1RX

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

The following pesticide samples are associated a GPC with analyte recoveries less than 80% and greater than 10%. Detected compounds are qualified "J". All non-detected compounds are qualified "UJ".

Gamma-BHC (Lindane), Heptachlor, Aldrin
E00M7, E00M7RE, E00M8, E00M8RE, E00M9, E00M9RE, E00N1, E00N1RE, E00N2, E00N2RE, E00N3, E00N3RE, E00N4, E00N4RE, E00N5, E00N5RE, E00N6, E00N6RE, PBLK06, PBLK06RE, PLCS06, PLCS06RE

Gamma-BHC (Lindane), Heptachlor, Aldrin, 4,4'-DDT
E00N7RX, E00N8RX, E00N9RX, E00P0RX, E00P1RX, E00P2RX, E00P4RX, E00P4RXDL, E00P5RX, E00P6RX, E00P7RX, PBLK61, PLCS61

3. CALIBRATION

The following volatile samples are associated with an opening/closing CCV RRF whose initial calibration RRF was less than 0.005. The compound was not found in any of the samples. Non-detected compounds are qualified "R".

1,4-Dioxane
E00M7, E00M7ME, E00M8, E00M9, E00N0, E00N1, E00N2, E00N3, E00N4, E00N5, E00N5RE, E00N6, E00N6ME, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P0, E00P1, E00P1ME, E00P1RE, E00P2, E00P2ME, E00P4, E00P4ME, E00P5, E00P5ME, E00P6, E00P7, VBLK01, VBLK02, VBLK03, VBLK07, VBLK09, VBLK10, VBLKM2, VBLKM7, VBLKM9, VHBLK68

The following volatile samples are associated with a DMC with initial calibration RRF was less than 0.005. Detected and non-detected compounds are not qualified based on the RRF data of the DMC alone.

1,4-Dioxane-d8
E00M7, E00M7ME, E00M8, E00M9, E00N0, E00N1, E00N2, E00N3, E00N4, E00N5, E00N5RE, E00N6, E00N6ME, E00N7, E00N8, E00N8ME, E00N9, E00N9ME, E00P0, E00P1, E00P1ME, E00P1RE, E00P2, E00P2ME, E00P4,

Case Number: 35607
Site Name: State Ilada Waste Company, IL

SDG Number: E00M7
Laboratory: Shealy

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) samples, E00M7 through E00M9 and E00N0 through E00N9, E00P0 through E00P2 and E00P4 through E00P7, were collected on July 31, 2006 and August 1, 2006. The samples arrived at Shealy Environmental August 1 - 2, 2006 with cooler temperatures of 3.2 °C.

One (1) sample, E00N0, was analyzed for only the low/medium volatile list of organic analytes. The SVOA/Pest/Aroclor container for samples E00N0 arrived at the laboratory already broken; therefore those analyses were cancelled. The remaining nineteen (19) samples were analyzed for the low/medium volatile, semivolatile, pesticide and aroclor lists of organic analytes. All samples were analyzed according to CLP SOW SOM01.1 and reviewed according to the NFG for SOM01.1 and the ESAT Region 5 Organic Data Validation Criteria Matrix.

No MS/MSD analyses were requested for this sample delivery group.

No samples were identified as trip blanks, field blanks or field duplicates.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: August 29, 2006

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

for Steve Ostrodka
Richard L Byrd
9/22/06

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE Name: State Ilada Waste Company, IL

Case Number: 35607 SDG Number: E00M7

Number and Type of Samples: 20 Soils (Low VOA, SV, Pesticide, Aroclors)

Sample Numbers: E00M7 - E00M9, E00N0 – E00N9, E00P0 – E00P2, E00P4 – E00P7

Laboratory: Shealy Environmental Hrs for Review:

Following are our findings:

the data are usable and acceptable with the qualifications described in the attached narrative.

Richard L Byrd

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

DATE: September 27, 2006

IEPA
Attn: Mr. Mark Wagner
1001 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

SITE NAME: State Ilada Waste Company (IL)

CASE NO.	LAB	SAMPLES	SDG	MATRIX
35607	Shealy	20	E00M7	soil

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

SEP 29 2006

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 **TechLaw**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E00P8 CERCLIS No: ILD980497978

Case No: 35607 Site Name/Location: State Line Waste Company (IL)

Contractor or EPA Lab: Shealy Data User: IEPA

No. of Samples: 17 Date Sampled or Date Received: 1 Sept 06

Have Chain-of-Custody records been received? Yes X No_____
Have traffic reports or packing lists been received? Yes X No _____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____
____ ____ ____ ____

Are basic data forms in? Yes X No____
No of samples claimed: _____ No. of samples received: _____

Received by: Adam Johnson Date: 1 Sept 06

Received by LSSS: Adam Johnson Date: 6 Sept 06

Review started: 13 Sept 2006 Reviewer Signature: [illegible]

Total time spent on review: 68.5 Date review completed: Oct. 1, 2006

Copied by: A. C. Harvey Date: Oct 10, 2006

Mailed to user by: Adam Johnson Date: 11 Oct 06

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: _____ Date: _____

Data review received by: _____ Date: _____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

_____

_____

Received by Data Mgmt. Coordinator for Files. Date: _____

AROCLOR ORGANICS ANALYSIS DATA SHEET

ALCS09

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43509-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 009F1001

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/07/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/11/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	17	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	68	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ALCS09

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43509-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 009B1001

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/07/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/11/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	21	J P
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	69	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

AROCLOR ORGANICS ANALYSIS DATA SHEET

ALCS22

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43922-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 007F0801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/14/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/17/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	29	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	31	J
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ALCS22

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43922-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 007B0801

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) PFEX Date Extracted: 08/14/2006

Concentrated Extract Volume: 10000.0 (uL) Date Analyzed: 08/17/2006

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	32	J
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	32	J
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GPC Column: DCM072806 Calibration Verification Date: 08/15/2006

GC Column: RTXCLP2 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	%REC	#	QC LIMITS
gamma-BHC (Lindane)	0.020	0.014	70	*	80-110
Heptachlor	0.020	0.014	70	*	80-110
Aldrin	0.020	0.013	64	*	80-110
Dieldrin	0.040	0.033	82		80-110
Endrin	0.040	0.035	89		80-110
4,4'-DDT	0.040	0.031	78	*	80-110

Column to be used to flag recovery outside contract required QC limits with an asteris

THIS GPC CALIBRATION VERIDFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, LCSs, AND MS/MSDs:

	EPA SAMPLE NO.	LAB SAMPLE ID	GPC CLEANUP DATE
01	PBLK65	HQ43465-001	08/09/2006
02	PLCS65	HQ43465-002	08/09/2006
03	PBLK65RE	HQ43465-001	08/09/2006
04	PLCS65RE	HQ43465-002	08/09/2006
05	E00P8	HH03024-001	08/09/2006
06	E00P8RE	HH03024-001	08/09/2006
07	E00P9	HH03024-002	08/09/2006
08	E00P9RE	HH03024-002	08/09/2006
09	E00Q0	HH03024-003	08/09/2006
10	E00Q0RE	HH03024-003	08/09/2006
11	E00Q1	HH03024-004	08/09/2006
12	E00Q1RE	HH03024-004	08/09/2006
13	E00Q2	HH03024-005	08/09/2006
14	E00Q2RE	HH03024-005	08/09/2006
15	E00Q3	HH03024-006	08/09/2006
16	E00Q3RE	HH03024-006	08/09/2006
17	E00Q5	HH03024-007	08/09/2006
18	E00Q6	HH03024-008	08/09/2006
19	E00Q6RE	HH03024-008	08/09/2006
20	E00Q7	HH03024-009	08/09/2006
21	E00Q7RE	HH03024-009	08/09/2006
22	E00Q8	HH03024-010	08/09/2006
23	E00Q8RE	HH03024-010	08/09/2006
24	E00Q9	HH03024-011	08/09/2006
25	E00R0	HH03024-012	08/09/2006
26	E00R0RE	HH03024-012	08/09/2006

PESTICIDE GPC CALIBRATION VERIFICATION

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GPC Column: DCM072806 Calibration Verification Date: 08/15/2006

GC Column: RTXCLP2 ID: 0.32 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	%REC	#	QC LIMITS
gamma-BHC (Lindane)	0.020	0.014	70	*	80-110
Heptachlor	0.020	0.014	70	*	80-110
Aldrin	0.020	0.013	64	*	80-110
Dieldrin	0.040	0.033	82		80-110
Endrin	0.040	0.035	89		80-110
4,4'-DDT	0.040	0.031	78	*	80-110

Column to be used to flag recovery outside contract required QC limits with an asteris

THIS GPC CALIBRATION VERIDFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, LCSs, AND MS/MSDs:

	EPA SAMPLE NO.	LAB SAMPLE ID	GPC CLEANUP DATE
01	E00R1	HH03024-013	08/09/2006
02	E00R1RE	HH03024-013	08/09/2006
03	E00R2	HH04012-001	08/09/2006
04	E00R2RE	HH04012-001	08/09/2006
05	E00R3	HH04012-002	08/09/2006
06	E00R3RE	HH04012-002	08/09/2006
07	E00R4	HH04012-003	08/09/2006
08	E00R4RE	HH04012-003	08/09/2006
09	E00R5	HH04012-004	08/09/2006
10	E00R5RE	HH04012-004	08/09/2006
11			
12			
13			
14			
15			
16			
17			
18			
19			
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21			
22			
23			
24			
25			
26			

4F - FORM IV ARO
AROCLOR METHOD BLANK SUMMARY

ABLK22

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 006F0701 Lab Sample ID: HQ43922-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) PFEX Date Extracted: 08/14/2006

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

Acid Cleanup: (Y/N) Y

Date Analyzed (1): 08/17/2006 Date Analyzed (2): 08/17/2006

Time Analyzed (1): 1133 Time Analyzed (2): 1147

Instrument ID (1): GC10 Instrument ID (2): GC10

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	ALCS22	HQ43922-002	08/17/2006	08/17/2006
02	E00P8RX	HH03024-001	08/17/2006	08/17/2006
03	E00P9RX	HH03024-002	08/17/2006	08/17/2006
04	E00Q0RX	HH03024-003	08/17/2006	08/17/2006
05	E00Q1RX	HH03024-004	08/17/2006	08/17/2006
06	E00Q1RXDL	HH03024-004	08/17/2006	08/17/2006
07	E00Q2RX	HH03024-005	08/17/2006	08/17/2006
08	E00Q3RX	HH03024-006	08/17/2006	08/17/2006
09	E00Q5RX	HH03024-007	08/17/2006	08/17/2006
10	E00Q5RXDL	HH03024-007	08/17/2006	08/17/2006
11	E00Q6RX	HH03024-008	08/17/2006	08/17/2006
12	E00Q7RX	HH03024-009	08/17/2006	08/17/2006
13	E00Q8RX	HH03024-010	08/17/2006	08/17/2006
14	E00Q9RX	HH03024-011	08/17/2006	08/17/2006
15	E00R0RX	HH03024-012	08/17/2006	08/17/2006
16	E00R1RX	HH03024-013	08/17/2006	08/17/2006
17	E00R2RX	HH04012-001	08/17/2006	08/17/2006
18	E00R3RX	HH04012-002	08/17/2006	08/17/2006
19	E00R4RX	HH04012-003	08/17/2006	08/17/2006
20	E00R5RX	HH04012-004	08/17/2006	08/17/2006
21	E00R4RXDL	HH04012-003	08/22/2006	08/22/2006
22				
23				
24				
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

ABLK09

4F - FORM IV ARO
AROCLOR METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 008F0901 Lab Sample ID: HQ43509-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) PFEX Date Extracted: 08/07/2006

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

Acid Cleanup: (Y/N) Y

Date Analyzed (1): 08/11/2006 Date Analyzed (2): 08/11/2006

Time Analyzed (1): 1256 Time Analyzed (2): 1309

Instrument ID (1): GC10 Instrument ID (2): GC10

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	ALCS09	HQ43509-002	08/11/2006	08/11/2006
02	E00P8	HH03024-001	08/11/2006	08/11/2006
03	E00P9	HH03024-002	08/11/2006	08/11/2006
04	E00Q0	HH03024-003	08/11/2006	08/11/2006
05	E00Q1	HH03024-004	08/11/2006	08/11/2006
06	E00Q2	HH03024-005	08/11/2006	08/11/2006
07	E00Q3	HH03024-006	08/11/2006	08/11/2006
08	E00Q5	HH03024-007	08/11/2006	08/11/2006
09	E00Q6	HH03024-008	08/11/2006	08/11/2006
10	E00Q7	HH03024-009	08/11/2006	08/11/2006
11	E00Q8	HH03024-010	08/11/2006	08/11/2006
12	E00Q9	HH03024-011	08/11/2006	08/11/2006
13	E00R0	HH03024-012	08/11/2006	08/11/2006
14	E00R1	HH03024-013	08/11/2006	08/11/2006
15	E00R2	HH04012-001	08/11/2006	08/11/2006
16	E00R3	HH04012-002	08/11/2006	08/11/2006
17	E00R4	HH04012-003	08/11/2006	08/11/2006
18	E00R5	HH04012-004	08/11/2006	08/11/2006
19	E00Q1DL	HH03024-004	08/17/2006	08/17/2006
20	E00Q5DL	HH03024-007	08/17/2006	08/17/2006
21	E00R4DL	HH04012-003	08/17/2006	08/17/2006
22				
23				
24				
25				
26				

COMMENTS: _____

SOM01.1 (5/2005)

3P - FORM III ARO-4
SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

ALCS22

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab Sample ID: HQ43922-002 LCS Lot No.: U1810

Date Extracted: 08/14/2006 Date Analyzed (1): 08/17/2006

Instrument ID (1): GC10 GC Column (1): DB-XLB ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	29	87	50-150
AR1260	33	31	93	50-150

Instrument ID (2): GC10 GC Column (2): DB-35MS ID: 0.32 (mm)

Date Analyzed (2): 08/17/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
AR1016	33	32	96	50-150
AR1260	33	32	97	50-150

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

ALCS09

3P - FORM III ARO-4
SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab Sample ID: HQ43509-002 LCS Lot No.: U1810

Date Extracted: 08/07/2006 Date Analyzed (1): 08/11/2006

Instrument ID (1): GC10 GC Column (1): DB-XLB ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
AR1016	33	17	50		50-150
AR1260	33	68	205	*	50-150

Instrument ID (2): GC10 GC Column (2): DB-35MS ID: 0.32 (mm)

Date Analyzed (2): 08/11/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
AR1016	33	21	63		50-150
AR1260	33	69	207	*	50-150

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 2 out of 4 outside limits

COMMENTS: _____

2K - FORM II AROCLOR-2

SOIL AROCLOR SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	E00R0	110	121	102	85			0
02	E00R0RX	108	117	90	96			0
03	E00R1	73	79	80	70			0
04	E00R1RX	116	120	86	93			0
05	E00R2	135	143	110	93			0
06	E00R2RX	144	147	100	103			0
07	E00R3	135	142	113	100			0
08	E00R3RX	136	140	94	99			0
09	E00R4	103	116	103	100			0
10	E00R4DL	95	110	129	123			0
11	E00R4RX	110	117	115	122			0
12	E00R4RXDL	127	136	167 * D	165 * D			~~0~~ 2
13	E00R5	103	115	106	87			0
14	E00R5RX	91	96	79	84			0
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

AB 9/26/06

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

SOM01.1 (5/2005)

2R - FORM II ARO-2
SOIL AROCLOR SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GC Column (1): DB-XLB ID: 0.32 (mm) GC Column (2): DB-35MS ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	ABLK09	123	127	113	113			0
02	ALCS09	61	62	54	55			0
03	E00P8	111	114	96	94			0
04	ABLK22	57	59	51	51			0
05	ALCS22	127	133	113	114			0
06	E00P8RX	71	72	69	70			0
07	E00P9	128	136	120	117			0
08	E00P9RX	129	131	114	114			0
09	E00Q0	122	126	118	117			0
10	E00Q0RX	130	132	110	115			0
11	E00Q1	118	136	0 *	1 *			2
12	E00Q1DL	166 * D	18 * D	232 * D	0 * D			~~0~~ 4
13	E00Q1RX	107	117	128	130			0
14	E00Q1RXDL	167 * D	188 * D	196 * D	3 * D			~~0~~ 4
15	E00Q2	113	128	128	122			0
16	E00Q2RX	125	137	122	123			0
17	E00Q3	114	126	114	105			0
18	E00Q3RX	128	138	114	114			0
19	E00Q5	118	137	105	102			0
20	E00Q5DL	108	122	125	125			0
21	E00Q5RX	124	133	104	118			0
22	E00Q5RXDL	107	116	105	0 * D			~~0~~ 1
23	E00Q6	114	130	124	110			0
24	E00Q6RX	119	130	110	116			0
25	E00Q7	114	127	117	107			0
26	E00Q7RX	114	124	104	110			0
27	E00Q8	111	125	115	102			0
28	E00Q8RX	68	72	51	54			0
29	E00Q9	83	91	85	74			0
30	E00Q9RX	89	90	86	89			0

1/26/06

RB

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

SOM01.1 (5/2005)

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS65RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43465-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004B0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/04/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/16/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.3	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.4	P
72-55-9	4,4'-DDE	3.3	J P
72-20-8	Endrin	2.1	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	2.2	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.6	J P
8001-35-2	Toxaphene	170	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
PLCS65RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43465-002

Sample wt/vol: 30 0 (g/mL) g Lab File ID: 004F0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/04/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/16/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	0.86	J P
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.0	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.1	J P
72-55-9	4,4'-DDE	1.8	J P
72-20-8	Endrin	2.3	J
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	1.8	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	0.99	J P
8001-35-2	Toxaphene	170	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PLCS65

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43465-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004B0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/04/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/16/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U P
58-89-9	gamma-BHC (Lindane)	0.98	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U P
1024-57-3	Heptachlor epoxide	1.2	J P
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.2	J
72-55-9	4,4'-DDE	2.5	J P
72-20-8	Endrin	1.7	J
33213-65-9	Endosulfan II	0.67	J
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	1.6	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 0.54	J P U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	0.25	J
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.2	J P
8001-35-2	Toxaphene	170	U

RB 9/20/06

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
PLCS65

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: HQ43465-002

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 004F0501

% Moisture: 0.00 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/04/2006

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/16/2006

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	0.32	J
58-89-9	gamma-BHC (Lindane)	0.82	J
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	0.40	J
1024-57-3	Heptachlor epoxide	0.96	J
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	2.0	J
72-55-9	4,4'-DDE	1.7	J P
72-20-8	Endrin	2.1	J
33213-65-9	Endosulfan II	3.3	U P
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	1.8	J
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17 0.17	J P U
53494-70-5	Endrin ketone	1.7	U
7421-93-4	Endrin aldehyde	3.3	U P
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	0.90	J P
8001-35-2	Toxaphene	170	U

RP, 9/20/06

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

PBLK65RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 003F0401 Lab Sample ID: HQ43465-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/04/2006

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

Date Analyzed (1): 08/16/2006 Date Analyzed (2): 08/16/2006

Time Analyzed (1): 1809 Time Analyzed (2): 1825

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	~~E00R2~~	~~HH04012-001~~	~~08/16/2006~~	~~08/16/2006~~
02	E00R2RE	HH04012-001	08/16/2006	08/16/2006
03	~~E00R3~~	~~HH04012-002~~	~~08/16/2006~~	~~08/16/2006~~
04	E00R3RE	HH04012-002	08/16/2006	08/16/2006
05	~~E00R4~~	~~HH04012-003~~	~~08/16/2006~~	~~08/16/2006~~
06	E00R4RE	HH04012-003	08/16/2006	08/16/2006
07	~~E00R5~~	~~HH04012-004~~	~~08/16/2006~~	~~08/16/2006~~
08	E00R5RE	HH04012-004	08/16/2006	08/16/2006
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RB 9/22/06

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

PBLK65RE

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 003F0401 Lab Sample ID: HQ43465-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/04/2006

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

Date Analyzed (1): 08/16/2006 Date Analyzed (2): 08/16/2006

Time Analyzed (1): 1809 Time Analyzed (2): 1825

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	~~PLCS65~~	~~HQ43465-002~~	~~08/16/2006~~	~~08/16/2006~~
02	PLCS65RE	HQ43465-002	08/16/2006	08/16/2006
03	~~E00P8~~	~~HH03024-001~~	~~08/16/2006~~	~~08/16/2006~~
04	E00P8RE	HH03024-001	08/16/2006	08/16/2006
05	~~E00P9~~	~~HH03024-002~~	~~08/16/2006~~	~~08/16/2006~~
06	E00P9RE	HH03024-002	08/16/2006	08/16/2006
07	~~E00Q0~~	~~HH03024-003~~	~~08/16/2006~~	~~08/16/2006~~
08	E00Q0RE	HH03024-003	08/16/2006	08/16/2006
09	~~E00Q1~~	~~HH03024-004~~	~~08/16/2006~~	~~08/16/2006~~
10	E00Q1RE	HH03024-004	08/16/2006	08/16/2006
11	~~E00Q2~~	~~HH03024-005~~	~~08/16/2006~~	~~08/16/2006~~
12	E00Q2RE	HH03024-005	08/16/2006	08/16/2006
13	~~E00Q3~~	~~HH03024-006~~	~~08/16/2006~~	~~08/16/2006~~
14	E00Q3RE	HH03024-006	08/16/2006	08/16/2006
15	~~E00Q5~~	~~HH03024-007~~	~~08/16/2006~~	~~08/16/2006~~
16	~~E00Q6~~	~~HH03024-008~~	~~08/16/2006~~	~~08/16/2006~~
17	E00Q6RE	HH03024-008	08/16/2006	08/16/2006
18	~~E00Q7~~	~~HH03024-009~~	~~08/16/2006~~	~~08/16/2006~~
19	E00Q7RE	HH03024-009	08/16/2006	08/16/2006
20	~~E00Q8~~	~~HH03024-010~~	~~08/16/2006~~	~~08/16/2006~~
21	E00Q8RE	HH03024-010	08/16/2006	08/16/2006
22	~~E00Q9~~	~~HH03024-011~~	~~08/23/2006~~	~~08/23/2006~~
23	~~E00R0~~	~~HH03024-012~~	~~08/16/2006~~	~~08/16/2006~~
24	~~E00R0RE~~	~~HH03024-012~~	~~08/16/2006~~	~~08/16/2006~~
25	~~E00R1~~	~~HH03024-013~~	~~08/16/2006~~	~~08/16/2006~~
26	~~E00R1RE~~	~~HH03024-013~~	~~08/16/2006~~	~~08/16/2006~~
	E00R0RE	HH03024-012	8/16/2006	8/16/2006
	E00R1RE	HH03024-013	8/16/06	8/16/2006

RB 9/22/06

SOM01.1 (5/2005)

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

PBLK65

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 003F0401 Lab Sample ID: HQ43465-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/04/2006

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

Date Analyzed (1): 08/16/2006 Date Analyzed (2): 08/16/2006

Time Analyzed (1): 1025 Time Analyzed (2): 1041

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	E00R2	HH04012-001	08/16/2006	08/16/2006
02	~~E00R2RE~~	~~HH04012-001~~	~~08/16/2006~~	~~08/16/2006~~
03	E00R3	HH04012-002	08/16/2006	08/16/2006
04	~~E00R3RE~~	~~HH04012-002~~	~~08/16/2006~~	~~08/16/2006~~
05	E00R4	HH04012-003	08/16/2006	08/16/2006
06	~~E00R4RE~~	~~HH04012-003~~	~~08/16/2006~~	~~08/16/2006~~
07	E00R5	HH04012-004	08/16/2006	08/16/2006
08	~~E00R5RE~~	~~HH04012-004~~	~~08/16/2006~~	~~08/16/2006~~
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RB 9/22/06

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

PBLK65

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 003F0401 Lab Sample ID: HQ43465-001

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 08/04/2006

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

Date Analyzed (1): 08/16/2006 Date Analyzed (2): 08/16/2006

Time Analyzed (1): 1025 Time Analyzed (2): 1041

Instrument ID (1): GC5 Instrument ID (2): GC5

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	PLCS65	HQ43465-002	08/16/2006	08/16/2006
02	~~PLCS65RE~~	~~HQ43465-002~~	~~08/16/2006~~	~~08/16/2006~~
03	E00P8	HH03024-001	08/16/2006	08/16/2006
04	~~E00P8RE~~	~~HH03024-001~~	~~08/16/2006~~	~~08/16/2006~~
05	E00P9	HH03024-002	08/16/2006	08/16/2006
06	~~E00P9RE~~	~~HH03024-002~~	~~08/16/2006~~	~~08/16/2006~~
07	E00Q0	HH03024-003	08/16/2006	08/16/2006
08	~~E00Q0RE~~	~~HH03024-003~~	~~08/16/2006~~	~~08/16/2006~~
09	E00Q1	HH03024-004	08/16/2006	08/16/2006
10	~~E00Q1RE~~	~~HH03024-004~~	~~08/16/2006~~	~~08/16/2006~~
11	E00Q2	HH03024-005	08/16/2006	08/16/2006
12	~~E00Q2RE~~	~~HH03024-005~~	~~08/16/2006~~	~~08/16/2006~~
13	E00Q3	HH03024-006	08/16/2006	08/16/2006
14	~~E00Q3RE~~	~~HH03024-006~~	~~08/16/2006~~	~~08/16/2006~~
15	E00Q5	HH03024-007	08/16/2006	08/16/2006
16	E00Q6	HH03024-008	08/16/2006	08/16/2006
17	~~E00Q6RE~~	~~HH03024-008~~	~~08/16/2006~~	~~08/16/2006~~
18	E00Q7	HH03024-009	08/16/2006	08/16/2006
19	~~E00Q7RE~~	~~HH03024-009~~	~~08/16/2006~~	~~08/16/2006~~
20	E00Q8	HH03024-010	08/16/2006	08/16/2006
21	~~E00Q8RE~~	~~HH03024-010~~	~~08/16/2006~~	~~08/16/2006~~
22	E00Q9	HH03024-011	08/23/2006	08/23/2006
23	E00R0	HH03024-012	08/16/2006	08/16/2006
24	~~E00R0RE~~	~~HH03024-012~~	~~08/16/2006~~	~~08/16/2006~~
25	E00R1	HH03024-013	08/16/2006	08/16/2006
26	~~E00R1RE~~	~~HH03024-013~~	~~08/16/2006~~	~~08/16/2006~~

RB 9/22/06

SOM01.1 (5/2005)

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

PLCS65RE

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab Sample ID: HQ43465-002 LCS Lot No.: _____

Date Extracted: 08/04/2006 Date Analyzed (1): 08/16/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	0.86	52	50-120
Heptachlor epoxide	1.7	1.0	60	50-150
Dieldrin	3.3	2.1	62	30-130
4,4'-DDE	3.3	1.8	54	50-150
Endrin	3.3	2.3	69	50-120
Endosulfan sulfate	3.3	1.8	55	50-120
gamma-Chlordane	1.7	0.99	59	30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (mm)

Date Analyzed (2): 08/16/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC #	QC LIMITS
gamma-BHC (Lindane)	1.7	1.3	75	50-120
Heptachlor epoxide	1.7	1.7	103	50-150
Dieldrin	3.3	3.4	102	30-130
4,4'-DDE	3.3	3.3	98	50-150
Endrin	3.3	2.1	62	50-120
Endosulfan sulfate	3.3	2.2	66	50-120
gamma-Chlordane	1.7	1.6	98	30-130

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

LCS Recovery: 0 out of 14 outside limits

COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

PLCS65

3M - FORM III PEST-4
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab Sample ID: HQ43465-002 LCS Lot No.: _____

Date Extracted: 08/04/2006 Date Analyzed (1): 08/16/2006

Instrument ID (1): GC5 GC Column (1): RTXCLP2 ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.82	49	*	50-120
Heptachlor epoxide	1.7	0.96	57		50-150
Dieldrin	3.3	2.0	59		30-130
4,4'-DDE	3.3	1.7	51		50-150
Endrin	3.3	2.1	63		50-120
Endosulfan sulfate	3.3	1.8	53		50-120
gamma-Chlordane	1.7	0.90	54		30-130

Instrument ID (2): GC5 GC Column (2): RTXCLP ID: 0.32 (m

Date Analyzed (2): 08/16/2006

COMPOUND	AMOUNT ADDED ug/Kg	AMOUNT RECOVERD ug/Kg	%REC	#	QC LIMITS
gamma-BHC (Lindane)	1.7	0.98	59		50-120
Heptachlor epoxide	1.7	1.2	75		50-150
Dieldrin	3.3	2.2	67		30-130
4,4'-DDE	3.3	2.5	75		50-150
Endrin	3.3	1.7	50		50-120
Endosulfan sulfate	3.3	1.6	47	*	50-120
gamma-Chlordane	1.7	1.2	73		30-130

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

LCS Recovery: 2 out of 14 outside limits

COMMENTS: _____

2P - FORM II PEST-2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	E00R3	49	22 *	51	89			1
02	E00R3RE	74	83	79	97			0
03	E00R4	92	150	155 * D	201 * D			~~0~~ 2
04	E00R4RE	92	154 * D	168 * D	21 * D			~~0~~ 3
05	E00R5	44	26 *	59	93			1
06	E00R5RE	43	58	59	92			0
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	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

SOM01.1 (5/2005)

2P - FORM II-PEST-2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

GC Column (1): RTXCLP2 ID: 0.32 (mm) GC Column (2): RTXCLP ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK65	63	49	64	80			0
02	PLCS65	73	55	75	93			0
03	PBLK65RE	73	51	75	103			0
04	PLCS65RE	76	63	82	118			0
05	E00P8	47	48	62	77			0
06	E00P8RE	51	60	69	97			0
07	E00P9	84	103	97	142			0
08	E00P9RE	89	62	103	170 *			1
09	E00Q0	69	35	88	132			0
10	E00Q0RE	72	63	80	143			0
11	E00Q1	106	76	230 * D	246 * D			~~0~~ 2
12	E00Q1RE	108	188 * D	178 * D	275 * D			~~0~~ 3
13	E00Q2	70	104	255 * D	206 * D			~~0~~ 2
14	E00Q2RE	75	108	171 * D	211 * D			~~0~~ 2
15	E00Q3	40	0 * D	119	111			~~0~~ 1
16	E00Q3RE	39	32	50	94			0
17	E00Q5	50	48	75	97			0
18	E00Q6	64	84	98	129			0
19	E00Q6RE	69	43	108	135			0
20	E00Q7	63	83	86	130			0
21	E00Q7RE	66	80	89	122			0
22	E00Q8	56	82	64	111			0
23	E00Q8RE	57	83	72	110			0
24	E00Q9	65	65	52	63			0
25	E00R0	37	47	53	71			0
26	E00R0RE	39	52	48	82			0
27	E00R1	34	18 *	45	87			1
28	E00R1RE	40	50	51	88			0
29	E00R2	47	35	52	77			0
30	E00R2RE	47	60	53	88			0

KB 9/22/06

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

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

SOM01.1 (5/2005)

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

SBLK66

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 082222 Lab Sample ID: HQ43566-001

Instrument ID: MSD7 Date Extracted: 08/08/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/22/2006

Level: (LOW/MED) LOW Time Analyzed: 1538

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00R2	HH04012-001	082211	08/22/2006
02	E00R3	HH04012-002	082213	08/22/2006
03	E00R4	HH04012-003	082215	08/22/2006
04	E00R5	HH04012-004	082217	08/22/2006
05				
06				
07				
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COMMENTS: _____

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.: SBLK54

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 082416 Lab Sample ID: HQ44154-001

Instrument ID: MSD7 Date Extracted: 08/22/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/24/2006

Level: (LOW/MED) LOW Time Analyzed: 1552

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00Q5MS	HH03024-007MS	082418	08/24/2006
02	E00Q5MSD	HH03024-007MD	082419	08/24/2006
03				
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COMMENTS: _____

4C - FORM IV SV
SEMIVOLATILE METHOD BLANK SUMMARY

SBLK01

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: 0822B05 Lab Sample ID: HQ43401-001

Instrument ID: MSD4 Date Extracted: 08/03/2006

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/22/2006

Level: (LOW/MED) LOW Time Analyzed: 1444

Extraction: (Type) SONC GPC Cleanup: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00P8	HH03024-001	0822B06	08/22/2006
02	E00P9	HH03024-002	0822B07	08/22/2006
03	E00Q0	HH03024-003	0822B08	08/22/2006
04	E00Q1	HH03024-004	082418	08/24/2006
05	E00Q2	HH03024-005	0822B09	08/22/2006
06	E00Q3	HH03024-006	0822B10	08/22/2006
07	E00Q5	HH03024-007	0822B11	08/22/2006
08	E00Q6	HH03024-008	0822B12	08/22/2006
09	E00Q7	HH03024-009	0822B13	08/22/2006
10	E00Q8	HH03024-010	0822B14	08/22/2006
11	E00Q9	HH03024-011	0822B15	08/22/2006
12	E00R0	HH03024-012	0822B16	08/22/2006
13	E00R1	HH03024-013	0822B17	08/22/2006
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COMMENTS: _____

3D - FORM III SV-2
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Matrix Spike - EPA Sample No.: E00Q5 Level: (LOW/MED) Low

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC #	QC LIMITS REC.
Phenol	4000		2500	56	26-90
2-Chlorophenol	4000		2400	54	25-102
N-Nitroso-di-n-propylamine	4000		2600	59	41-126
4-Chloro-3-methylphenol	4000		3100	71	26-103
Acenaphthene	4000	190	3800	82	31-137
4-Nitrophenol	4000			0 *	11-114
2,4-Dinitrotoluene	4000		3200	72	28-89
Pentachlorophenol	4000			0 *	17-109
Pyrene	4000	770	6500	132	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
Phenol	4000	3200	74	28	0-35	26-90
2-Chlorophenol	4000	3100	71	27	0-50	25-102
N-Nitroso-di-n-propylamine	4000	3700	85	36	0-38	41-126
4-Chloro-3-methylphenol	4000	3700	85	18	0-33	26-103
Acenaphthene	4000	4200	92	11	0-19	31-137
4-Nitrophenol	4000		0 *	0	0-50	11-114
2,4-Dinitrotoluene	4000	3300	75	4	0-47	28-89
Pentachlorophenol	4000		0 *	0	0-47	17-109
Pyrene	4000	7200	149 *	12	0-36	35-142

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

* Values outside of QC Limits

RPD: 0 out of 9 outside limits

Spike Recovery: 5 out of 18 outside limits

COMMENTS: _____

2K - FORM II SV-4

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC9 (DMP) #	SDMC10 (ACY) #	SDMC11 (4NP) #	SDMC12 (FLR) #	SDMC13 (NMP) #	SDMC14 (ANC) #	SDMC15 (PYR) #	SDMC16 (BAP) #	TOT OUT
01	E00R2	57	50	67	68	39	48	89	59	0
02	E00R3	37 *	28	45	32 *	20	34	71	51	5
03	E00R4	470 * D	428 * D	783 * D	450 * D	312 * D	536 * D	971 * D	831 * D	16
04	E00R5	48	41	62	43	33	49	89	62	0
05	SBLK66	52	37	70	38 *	32	56	72	87	1
06	SBLK54	61	55	60	54	54	63	97	88	0
07	E00Q5MS	99	95	52	100	48	103 * D	153 * D	126 * D	3
08	E00Q5MSD	106	100 * D	69	100	71	103 * D	156 * D	121 * D	0
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RB 9/20/06

		QC LIMITS
SDMC9 (DMP)	= Dimethylphthalate-d_6	(43-111)
SMDC10 (ACY)	= Acenapthylene-d_8	(20-97)
SDMC11 (4NP)	= 4-Nitrophenol-d_4	(16-166)
SDMC12 (FLR)	= Fluorene-d_{10}	(40-108)
SDMC13 (NMP)	= 4,6-Dinitro-2-methylphenol-d_2	(1-121)
SDMC14 (ANC)	= Anthracene-d_{10}	(22-98)
SDMC15 (PYR)	= Pyrene-d_{10}	(51-120)
SDMC16 (BAP)	= Benzo(a)pyrene-d_{12}	(43-111)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

2J - FORM II SV-3

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC1 (PHL) #	SDMC2 (BCE) #	SDMC3 (2CP) #	SDMC4 (4MP) #	SDMC5 (NBZ) #	SDMC6 (2NP) #	SDMC7 (DCP) #	SDMC8 (4CA) #
01	E00R2	47	34	40	51	37	40	50	4
02	E00R3	18	8 *	14	25	12 *	14 *	27	19
03	E00R4	360 * D	289 * D	323 * D	427 * D	329 * D	317 * D	399 * D	0 * D
04	E00R5	33	25	28	39	27	29	38	22
05	SBLK66	45	36	37	49	37	37	40	39
06	SBLK54	52	49	51	58	53	55	55	34
07	E00Q5MS	69	63	67	63	71	67	81	55
08	E00Q5MSD	85	89	83	77	89	85	91	57
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		QC LIMITS
SDMC1 (PHL)	= Phenol-d_5	(17-103)
SDMC2 (BCE)	= Bis-(2-chloroethyl)ether-d_8	(12-98)
SDMC3 (2CP)	= 2-Chlorophenol-d_4	(13-101)
SDMC4 (4MP)	= 4-Methylphenol-d_8	(8-100)
SDMC5 (NBZ)	= Nitrobenzene-d_5	(16-103)
SDMC6 (2NP)	= 2-Nitrophenol-d_4	(16-104)
SDMC7 (DCP)	= 2,4-Dichlorophenol-d_3	(23-104)
SDMC8 (4CA)	= 4-Chloroaniline-d_4	(1-145)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

RB 9/20/06

SOM01.1 (5/2005)

2K - FORM II SV-4

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC9 (DMP) #	SDMC10 (ACY) #	SDMC11 (4NP) #	SDMC12 (FLR) #	SDMC13 (NMP) #	SDMC14 (ANC) #	SDMC15 (PYR) #	SDMC16 (BAP) #	TOT OUT
01	SBLK01	51	47	51	44	45	46	68	63	0
02	E00P8	58	55	79	55	81	56	79	69	0
03	E00P9	62	57	83	60	92	61	87	76	0
04	E00Q0	40 *	30	69	36 *	53	42	67	67	2
05	E00Q2	44	38	43	35 *	38	30	45 *	40 *	3
06	E00Q3	52	47	68	49	68	47	69	64	0
07	E00Q5	68	70	71	72	80	74	97	86	0
08	E00Q6	56	56	77	47	63	53	67	63	0
09	E00Q7	63	54	75	52	52	53	75	65	0
10	E00Q8	55	49	65	48	44	48	71	60	0
11	E00Q9	58	50	71	51	41	53	73	68	0
12	E00R0	45	36	54	38 *	30	38	60	52	1
13	E00R1	90	77	112	76	53	79	131 *	120 *	2
14	E00Q1	0 * D	128 * D	28	14 * D	14	479 * D	20 * D	25 * D	13
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		QC LIMITS
SDMC9 (DMP)	= Dimethylphthalate-d_6	(43-111)
SMDC10 (ACY)	= Acenapthylene-d_8	(20-97)
SDMC11 (4NP)	= 4-Nitrophenol-d_4	(16-166)
SDMC12 (FLR)	= Fluorene-d_{10}	(40-108)
SDMC13 (NMP)	= 4,6-Dinitro-2-methylphenol-d_2	(1-121)
SDMC14 (ANC)	= Anthracene-d_{10}	(22-98)
SDMC15 (PYR)	= Pyrene-d_{10}	(51-120)
SDMC16 (BAP)	= Benzo(a)pyrene-d_{12}	(43-111)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

9/22/06

SOM01.1 (5/2005)

2J - FORM II SV-3

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (LOW/MED) LOW

	EPA SAMPLE NO.	SDMC1 (PHL) #	SDMC2 (BCE) #	SDMC3 (2CP) #	SDMC4 (4MP) #	SDMC5 (NBZ) #	SDMC6 (2NP) #	SDMC7 (DCP) #	SDMC8 (4CA) #
01	SBLK01	53	45	48	53	46	49	48	45
02	E00P8	56	46	51	60	46	54	57	2
03	E00P9	56	44	50	60	46	54	58	15
04	E00Q0	30	21	25	32	22	26	30	26
05	E00Q2	48	34	39	48	35	41	41	31
06	E00Q3	48	38	42	50	40	46	47	28
07	E00Q5	47	42	41	54	40	41	51	33
08	E00Q6	54	50	49	62	48	55	59	15
09	E00Q7	51	44	46	54	48	55	54	19
10	E00Q8	42	36	37	46	38	44	47	13
11	E00Q9	53	40	46	56	43	50	51	23
12	E00R0	43	32	38	45	33	38	39	25
13	E00R1	90	63	77	94	66	76	79	67
14	E00Q1	0 * D	0 * D	0 * D	0 * D	0 * D	0 * D	0 * D	27
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	QC LIMITS
SDMC1 (PHL) = Phenol-d_5	(17-103)
SDMC2 (BCE) = Bis-(2-chloroethyl)ether-d_8	(12-98)
SDMC3 (2CP) = 2-Chlorophenol-d_4	(13-101)
SDMC4 (4MP) = 4-Methylphenol-d_8	(8-100)
SDMC5 (NBZ) = Nitrobenzene-d_5	(16-103)
SDMC6 (2NP) = 2-Nitrophenol-d_4	(16-104)
SDMC7 (DCP) = 2,4-Dichlorophenol-d_3	(23-104)
SDMC8 (4CA) = 4-Chloroaniline-d_4	(1-145)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

VBLKM1

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: BLK0811M Lab Sample ID: HQ43865-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/11/2006

Level: (TRACE or LOW/MED) MED Time Analyzed: 1119

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00Q1ME	HH03024-004	H0302404	1207
02				
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COMMENTS: _____

EPA SAMPLE NO.

VBLK14

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: BLK0814A Lab Sample ID: HQ43937-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/14/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1121

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK69	HH04012-005	H0401205	1208
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COMMENTS: _____

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

VBLK10

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: BLK0810B Lab Sample ID: HQ43734-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/10/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1109

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00Q2	HH03024-005	H0302405	1207
02	E00Q3	HH03024-006	H0302406	1231
03	E00Q5	HH03024-007	H0302407	1255
04				
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COMMENTS: _____

SOM01.1 (5/2005)

EPA SAMPLE NO.

VBLK09

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Lab File ID: BLK0809A Lab Sample ID: HQ43687-001

Instrument ID: MSD5

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 08/09/2006

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1105

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00P8	HH03024-001	H0302401	1240
02	E00P9	HH03024-002	H0302402	1304
03	E00Q0	HH03024-003	H0302403	1328
04	E00Q1	HH03024-004	H0302404	1352
05	E00Q6	HH03024-008	H0302408	1503
06	E00Q7	HH03024-009	H0302409	1527
07	E00Q8	HH03024-010	H0302410	1550
08	E00Q9	HH03024-011	H0302411	1614
09	E00R0	HH03024-012	H0302412	1638
10	E00R1	HH03024-013	H0302413	1702
11	E00R2	HH04012-001	H0401201	1725
12	E00R3	HH04012-002	H0401202	1749
13	E00R4	HH04012-003	H0401203	1813
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COMMENTS: _____

2D - FORM II VOA-4

SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc. Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT
01	VBLK09	94	104	95	91	128	95	99	0
02	E00P8	75	78	74	62	111	69	58 *	1
03	E00P9	91	98	92	78	139	87	87	0
04	E00Q0	81	89	85	75	136	83	82	0
05	E00Q1	115	68 *	77	60	160 *	2 *	45 *	5
06	E00Q6	101	107	102	78	105	98	91	0
07	E00Q7	90	92	96	89	159 *	101	88	1
08	E00Q8	84	80	97	75	55	96	75	0
09	E00Q9	90	98	81	73	135	81	69 *	1
10	E00R0	90	95	86	78	90	87	80	0
11	E00R1	83	86	74	65	57	68	66 *	1
12	E00R2	85	88	75	39	100	70	52 *	1
13	E00R3	72 *	80	67 *	46	82	73	70	3
14	E00R4	81	65 *	73	71	152 *	67	39 *	3
15	VBLK10	98	107	93	75	142	89	100	0
16	E00Q2	105	116	105	75	165 *	103	103	4
17	E00Q3	92	100	90	64	130	89	87	0
18	E00Q5	97	100	94	85	189 *	108	87	1
19	VBLKM1	96	102	95	72	114	91	102	0
20	E00Q1ME	118	119	110	80	103	101	116	1
21	VBLK14	94	101	92	70	129	94	103	0
22	VHBLK69	90	99	88	67	85	91	95	0
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30									

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d_6	(74-124)
VMDC9 (TOL) = Toluene-d_8	(78-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d_4	(72-130)
VDMC11 (HEX) = 2-Hexanone-d_5	(17-184)
VDMC12 (DXE) = 1,4-Dioxane-d_8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d_2	(56-161)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d_4	(70-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2C - FORM II VOA-3
SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: Shealy Environmental Services, Inc Contract: EP-W-05-031

Lab Code: SHEALY Case No.: 35607 Mod. Ref No.: _____ SDG No.: E00P8

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLK09	116	116	85	100	102	106	109
02	E00P8	90	90	67	69	80	86	88
03	E00P9	106	110	81	77	99	103	105
04	E00Q0	95	99	73	76	88	94	93
05	E00Q1	136 *	110	71	69	84	89	84
06	E00Q6	120	125	89	77	107	110	114
07	E00Q7	101	105	78	88	92	97	100
08	E00Q8	93	96	70	69	83	88	89
09	E00Q9	110	113	81	72	94	94	105
10	E00R0	108	110	81	75	94	95	103
11	E00R1	98	103	73	56	86	86	96
12	E00R2	109	111	80	42	91	92	98
13	E00R3	92	95	68	54	78	78 *	83
14	E00R4	106	110	68	78	83	93	87
15	VBLK10	122	124	88	80	104	105	116
16	E00Q2	135 *	137 *	102	93	117	117	124 *
17	E00Q3	116	120	87	72	103	104	106
18	E00Q5	111	114	84	90	98	102	111
19	VBLKM1	106	109	78	67	93	93	110
20	E00Q1ME	116	90	88	71	103	102	124 *
21	VBLK14	107	112	81	71	98	102	112
22	VHBLK69	99	107	78	67	93	97	106
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	QC LIMITS
VDMC1 (VCL) = Vinyl chloride-d_3	(68-122)
VDMC2 (CLA) = Chloroethane-d_5	(61-130)
VDMC3 (DCE) = 1,1-Dichloroethene-d_2	(45-132)
VDMC4 (BUT) = 2-Butanone-d_5	(20-182)
VCMD5 (CLF) = Chloroform-d	(72-123)
VDMC6 (DCA) = 1,2-Dichloroethane-d_4	(79-122)
VDMC7 (BEN) = Benzene-d_6	(80-121)

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

Shealy Environmental Services, Inc.
kmaberry@shealylab.com
phone 803.791.9700 x107
fax 803.791.9111

From: Maruska, Gale
Sent: Monday, August 21, 2006 9:23 AM
To: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC

Please let me know if it is ok to send this information to the Lab.

Thanks,
Gale

August, 21 2006 9:18 AM: Gale Maruska, SMO spoke with Mark Wagner, IL EPA. Mark would like the Lab to use sample E00Q5 for MS/MSD.

-----Original Message-----
From: Maruska, Gale
Sent: Monday, August 21, 2006 9:11 AM
To: Mark Wagner (E-mail)
Cc: Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC

Mark,

SHEALY has reported the following issue for Case 35607:

Issue: The Lab was scheduled to perform MS/MSD for this Case. However, the TR/COC did not specify that MS/MSD was needed and the Lab did not receive extra sample for MS/MSD.

Please advise.
Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

-----Original Message-----
From: Kelly Maberry [mailto:kmaberry@shealylab.com]
Sent: Monday, August 21, 2006 9:01 AM
To: Maruska, Gale
Subject: Case 35607

Gale,
The scheduling notification for this case said QC was required. However, the TR/COC did not specify that QC was needed. Also, we did not receive extra sample for MS/MSD.

Kelly M. Maberry
Project Manager

Kelly Maberry

From: "Maruska, Gale" <gmaruska@fedcsc.com>
To: "Dan Wright" <dwright@shealylab.com>; "Kelly Maberry" <kmaberry@shealylab.com>; "Robert Zhu" <rzhu@shealylab.com>
Cc: "Mark Wagner (E-mail)" <mark.wagner@epa.state.il.us>; "Carlene Thomas (E-mail)" <thomas.carlene@epa.gov>; "Howard Pham (E-mail)" <pham.howard@epa.gov>; "Warren Layne (E-mail)" <layne.warren@epa.gov>
Sent: Monday, August 21, 2006 2:31 PM
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Kelly,

Issue: The Lab was scheduled to perform MS/MSD for this Case. However, the TR/COC did not specify that MS/MSD was needed and the Lab did not receive extra sample for MS/MSD.

Resolution: Per Region 5, please use sample E00Q5 for MS/MSD.

Please let me know if you have any questions.

Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

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-----Original Message-----
From: Layne.Warren@epamail.epa.gov [mailto:Layne.Warren@epamail.epa.gov]
Sent: Monday, August 21, 2006 2:01 PM
To: Maruska, Gale
Subject: Re: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with ta gs, jars, and/or TR/COC

Yes, it is OK.

-----Original Message-----

-----Original Message-----
From: Robert Zhu [mailto:rzhu@shealylab.com]
Sent: Tuesday, August 01, 2006 10:06 AM
To: Maruska, Gale
Cc: Kelly Maberry
Subject: Case 35607 issue

Gale:
Received a shipment of this case today. On the TR/COC, the Aroclor analysis is not designated for any of the samples. Aroclor is scheduled for this case. Attached please find the TR/COC.

==========
Robert Zhu
Director of Organics
Shealy Environmental Services, Inc.
Phone:803-791-9700 Ext. 110
Fax: 803-791-9111
rzhu@shealylab.com
==========

Kelly,

Can you please attach the TR/COC.

Thanks,
Gale

-----Original Message-----
From: Kelly Maberry [mailto:kmaberry@shealylab.com]
Sent: Monday, August 07, 2006 9:27 AM
To: Maruska, Gale; Robert Zhu
Subject: Cases 35607

Received a shipment of this case Thursday. On the TR/COC, the Aroclor analysis is not designated for any of the samples. Aroclor is scheduled for this case. Please let me know how to proceed.

Kelly M. Maberry
Project Manager
Shealy Environmental Services, Inc.
kmaberry@shealylab.com
phone 803.791.9700 x107
fax 803.791.9111

-----Original Message-----
From: Maruska, Gale
Sent: Tuesday, August 01, 2006 10:21 AM
To: Dan Wright; Kelly Maberry; Robert Zhu
Cc: Mark Wagner (E-mail); Carlene Thomas (E-mail); Howard Pham (E-mail); Warren Layne (E-mail)
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Discrepancies with tags, jars, and/or TR/COC | FINAL

Dr. Zhu,

Please see analysis key which indicates samples are to be analyzed for BNA/PEST/PCB. It looks like the "B" was cut off of PCB.

Please let me know if you have any questions.

Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

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Kelly Maberry

From: "Maruska, Gale" <gmaruska@fedcsc.com>
To: "Dan Wright" <dwright@shealylab.com>; "Kelly Maberry" <kmaberry@shealylab.com>; "Robert Zhu" <rzhu@shealylab.com>
Cc: "Mark Wagner (E-mail)" <mark.wagner@epa.state.il.us>; "Carlene Thomas (E-mail)" <thomas.carlene@epa.gov>; "Howard Pham (E-mail)" <pham.howard@epa.gov>; "Warren Layne (E-mail)" <layne.warren@epa.gov>
Sent: Monday, August 07, 2006 9:47 AM
Attach: Scan060807083605.pdf
Subject: Region 05 | Case 35607 | Lab SHEALY | Issue Laboratory problems | FINAL

Kelly,

Please see analysis key which indicates samples are to be analyzed for BNA/PEST/PCB. It looks like the "B" was cut off of PCB. Please analyze for PCBs, as scheduled.

Please let me know if you have any questions.

Gale E. Maruska
Computer Sciences Corporation
Environmental Scientist
ST&R Coordinator Regions 5, 7 & 10
gmaruska@fedcsc.com
Phone(703)818-4125; Fax(703)818-4601; Alternate Fax(703)818-4602

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-----Original Message-----
From: Kelly Maberry [mailto:kmaberry@shealylab.com]
Sent: Monday, August 07, 2006 9:36 AM
To: Maruska, Gale
Subject: Re: Cases 35607

TRs are attached.

Kelly M. Maberry
Project Manager
Shealy Environmental Services, Inc.
kmaberry@shealylab.com
phone 803.791.9700 x107
fax 803.791.9111

----- Original Message -----
From: Maruska, Gale
To: 'Kelly Maberry'
Sent: Monday, August 07, 2006 9:30 AM
Subject: RE: Cases 35607

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

9/5/2006

Daniel J. Wright
Laboratory Director

VOA Equation	Water sample concentration = Amt * DF * Uf/Vo Where Amt is the on-column amount (ug/L) DF is the dilution factor. Vo is the purge volume (5 or 25 mL). Uf is 5 for Low medium, 25 for Trace. For soil sample replace Vo with Ws (sample weight in grams). Uf=5
BNA/PEST/Aroclor Equation	Water samples Concentration = Amt * DF * *U_f*Vt/Vo Where Amt is the on-column amount (ng/uL) (ng/ml for PEST) DF is the dilution factor Vt is the volume of the extract (uL), Vo is the volume of the sample extracted (mL) U_f=1 for BNA, 0.001 for PEST and Aroclor. For soil sample replace Vo with Ws (sample weight in grams)

Sample Receiving

The cooler temperatures associated with these samples were 2.5 and 3.5°C.

Lab QC sample was not designated on the TR/COC. Per instruction from the Region, sample E00Q5 was selected as lab QC sample.

BNA Fraction

Manual integration was performed on caprolactam for several initial and continuing calibration standards due to incorrect auto integration.

Manual integration was performed on benzo(b)fluoranthene and benzo(k)fluoranthene for E00P8, E00R4 and E00R5 due to incorrect auto integration.

Samples E00Q1 and E00R4 were only analyzed at a dilution due to sample matrix.

PEST Fraction

The closing CCV INDC316 failed to meet the acceptance criteria. The associated samples were reanalyzed on the same day. The closing CCV for the reanalysis, INDC318, was also outside the acceptance range. Both sets of data are included.

The recovery of DCB in PEMB1 was high and outside the acceptance limit. The DCB in the PEM show a tendency of having a high recovery. In order to solve this problem, Shealy has ordered a new PEM standard from another vendor.

Most sample chromatograms in this SDG contain aroclor patterns. Any peaks that fall into the PEST RT windows were identified as pesticide hit, even though the peaks could belong to aroclor.

Samples E00Q1, E00Q2, E00Q3 and E00R4 were only analyzed at a dilution due to sample matrix.

The data for E00Q5MS and E00Q5MSD are not included in this package. The analysis is not yet finished. It will be submitted as part of a reconciliation package.

Aroclor Fraction

The data for E00Q5MS and E00Q5MSD are not included in this package. The analysis is not yet finished. It will be submitted as part of a reconciliation package.

Shealy Environmental Services, Inc.

Contract Number: EPW05031
Date: 09/05/2006

SDG Narrative

Case 35607
SDG E00P8

EPA Sample Numbers

EPA Sample Number	Volatile Fraction	Dilution/ Reanalysis	BNA Fraction	Dilution/ Reanalysis	PEST Fraction	Dilution/ Reanalysis	Aroclor Fraction	Dilution/ Reanalysis
E00P8	Yes	No	Yes	No	Yes	No	Yes	Yes
E00P9	Yes	No	Yes	No	Yes	No	Yes	Yes
E00Q0	Yes	No	Yes	No	Yes	No	Yes	Yes
E00Q1	Yes	Yes	Yes	No	Yes	No	Yes	Yes
E00Q2	No	No	Yes	No	Yes	No	Yes	Yes
E00Q3	No	No	Yes	No	Yes	No	Yes	Yes
E00Q5	No	No	Yes	No	Yes	No	Yes	Yes
E00Q5MS	No	No	Yes	No	Yes	No	Yes	No
E00Q5MSD	No	No	Yes	No	Yes	No	Yes	No
E00Q6	Yes	No	Yes	No	Yes	No	Yes	Yes
E00Q7	Yes	No	Yes	No	Yes	No	Yes	Yes
E00Q8	Yes	No	Yes	No	Yes	No	Yes	Yes
E00Q9	Yes	No	Yes	No	Yes	No	Yes	Yes
E00R0	Yes	No	Yes	No	Yes	No	Yes	Yes
E00R1	Yes	No	Yes	No	Yes	No	Yes	Yes
E00R2	Yes	No	Yes	No	Yes	No	Yes	Yes
E00R3	Yes	No	Yes	No	Yes	No	Yes	Yes
E00R4	No	No	Yes	No	Yes	No	Yes	Yes
E00R5	No	No	Yes	No	Yes	No	Yes	Yes

Columns	VOC DB-624, 20m x 0.18mm x 1.0um SVOC DB-5MS 30m x 0.25mm x 0.25um Pesticides #1 RTXCLP2 30m x 0.32mm x 0.25um Pesticides #2 RTXCLP 30m x 0.32mm x 0.50um Aroclor #1 DB-XLB 30m x 0.32mm x 0.50um Aroclor #2 DB-35MS 30m x 0.32mm x 0.25um
Trap	OI Trap #10

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: E00P8
L

Date Shipped:	8/3/2006
Carrier Name:	FedEx
Airbill:	857862617036
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 James Salch	8/3/06 10:40		
2			
3			
4		[illegible]	8-4-06 0940

For Lab Use Only

Lab Contract No: EPW05031
Unit Price: 8440
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00R2	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303379, 5-303380, 5-303381 (Ice Only) (3)	X121	S: 8/3/2006	9.15	ME00R2	OK
E00R3	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303383, 5-303384, 5-303385 (Ice Only) (3)	X120	S: 8/3/2006	9:00	ME00R3	
E00R4	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303387, 5-303388, 5-303389 (Ice Only) (3)	X113	S: 8/3/2006	9.30	ME00R4	
E00R5	Sediment/ Jerry Willman	L/G	BNA/PEST (21)	5-303390 (1)	X230	S: 8/3/2006	10:00		

SDG E00P8 Final Sample

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3.5	Chain of Custody Seal Number: 82874
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-080306-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No:	35607
DAS No:	
SDG No:	E00P8

L

Date Shipped:	8/2/2006
Carrier Name:	FedEx
Airbill:	857862617014
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Sampler Signature: James Dalal

Relinquished By	(Date / Time)	Received By	(Date / Time)
James Dalal	8/2/06 17:30		
2			
3			
4		[illegible]	8.3.06 0935

For Lab Use Only

Lab Contract No:	EPW05031
Unit Price:	$440
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00Q9	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303367, 5-303368, 5-303369 (3)	X215	S: 8/2/2006 12:00	ME00Q9	OK
E00R0	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303371, 5-303372, 5-303373 (3)	X216	S: 8/2/2006 13:25	ME00R0	↓
E00R1	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303375, 5-303376, 5-303377 (3)	X217	S: 8/2/2006 13:50	ME00R1	↓

Shipment for Case Complete? N	*Sample(s) to be used for laboratory QC:*	*Additional Sampler Signature(s):*	*Cooler Temperature Upon Receipt:* 2.8	*Chain of Custody Seal Number:* 89306 / 89307
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ___ Shipment Iced? ___

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-080206-0002

LABORATORY COPY

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Send Copy to: ple Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr ntilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 35607
DAS No:
SDG No: E00P8

L

Date Shipped:	8/2/2006
Carrier Name:	FedEx
Airbill:	857862617014
Shipped to:	Shealy Environmental 106 Vantage Point Drive Cayce SC 29033 (803) 791-9700

Chain of Custody Record

Sampler Signature: James Salch

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 James Salch	8/2/06 17:30		
2			
3			
4		[illegible]	8-3-06 0935

For Lab Use Only

Lab Contract No:	EPW05031
Unit Price:	61440
Transfer To:	
Lab Contract No:	
Unit Price:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00P8	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303334, 5-303335, 5-303336 (3)	X212	S: 8/1/2006	20:30	ME00P8	OK
E00P9	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303338, 5-303339, 5-303340 (3)	X210	S: 8/1/2006	19:15	ME00P9	
E00Q0	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303342, 5-303343, 5-303344 (3)	X211	S: 8/1/2006	20:00	ME00Q0	
E00Q1	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303346, 5-303347, 5-303348 (Ice Only) (3)	X111	S: 8/2/2006	8:15	ME00Q1	
E00Q2	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21)	5-303350, 5-303351 (Ice Only) (2)	X104	S: 8/2/2006	9:25	ME00Q2	
E00Q3	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303354, 5-303355, 5-303356 (Ice Only) (3)	X103	S: 8/2/2006	9:25	ME00Q3	
E00Q5	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303402, 5-303403, 5-303404, 5-303405 (Ice Only) (4)	X105	S: 8/2/2006	10:00	ME00Q5	
E00Q6	Soil/Sediment/ Jim Salch	L/G	BNA/PEST (21), Dry Weight (21), VOA (21)	5-303407, 5-303408, 5-303409 (Ice Only) (3)	X108	S: 8/2/2006	11:30	ME00Q6	
E00Q7	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303359, 5-303360, 5-303361 (3)	X213	S: 8/2/2006	10:50	ME00Q7	
E00Q8	Sediment/ Jerry Willman	L/G	BNA/PEST (21), VOA (21)	5-303363, 5-303364, 5-303365 (3)	X214	S: 8/2/2006	10:50	ME00Q8	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 2.5	Chain of Custody Seal Number: 89306 / 89307
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, Dry Weight = Dry Weight, VOA = CLP TCL Volatiles

TR Number: 5-433491573-080206-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Contract Laboratory Program

Sample Delivery Group (SDG) Cover Sheet

SDG Number E00P8

Laboratory Name Shealy Environmental Services Lab Code SHEALY

Contract No. EPW05031 Case No. 35607

Analysis Price $440.00 SDG Turnaround 21-DAY

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E00P8	7) E00Q5	13) E00R1	19)
2) E00P9	8) E00Q6	14) E00R2	20)
3) E00Q0	9) E00Q7	15) E00R3	21)
4) E00Q1	10) E00Q8	16) E00R4	22)
5) E00Q2	11) E00Q9	17) E00R5	23)
6) E00Q3	12) E00R0	18)	24)

First Sample in SDG	Last Sample in SDG
E00P8	E00R5
First Sample Receipt Date	**Last Sample Receipt Date**
8/3/06	8/4/06

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Signature _____ Date 8/15/06

4

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 1 Sept 04

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: State IIAdA WASTE Company (IL)

CASE NUMBER: 35607 SDG NUMBER: E00P8

Number and Type of Samples: 17 soil samples

Sample Numbers: E00P8-9; Q0-3; Q5-9; R0-5

Laboratory: Shealy Environmental Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R5		E00R5RX							
Sampling Location :	X230									
Matrix :	Soil		Soil							
Units :	ug/Kg		ug/Kg							
Date Sampled :	8/3/2006									
Time Sampled :										
%Moisture :	18		18							
pH :	8.3		2.0							
Dilution Factor :	1.0		1.0							
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	40	U	120	U						
Aroclor-1221	40	U	120	U						
Aroclor-1232	40	U	120	U						
Aroclor-1242	40	U	120	U						
Aroclor-1248	40	U	15	J						
Aroclor-1254	40	U	120	U						
Aroclor-1260	67	J	150							
Aroclor-1262	40	U	120	U						
Aroclor-1268	40	U	120	U						

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R3RX		E00R4		E00R4DL		E00R4RX		E00R4RXDL	
Sampling Location :			X113		X113					
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/3/2006							
Time Sampled :										
%Moisture :	15		13		13		13		13	
pH :	2.0		7.9		2.0		2.0		7.9	
Dilution Factor :	1.0		1.0		100.0		10.0		50.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1221	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1232	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1242	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1248	39	U	38	U	11000	U	7900	J	12000	J
Aroclor-1254	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1260	20	J	7900	J	140000	J	63000	J	75000	
Aroclor-1262	39	U	38	U	11000	U	1100	U	5700	U
Aroclor-1268	39	U	38	U	11000	U	1100	U	5700	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R1		E00R1RX		E00R2		E00R2RX		E00R3	
Sampling Location :	X217				X121				X120	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006				8/3/2006				8/3/2006	
Time Sampled :										
%Moisture :	25		25		13		13		15	
pH :	7.8		2.0		6.8		2.0		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	44	U	44	U	38	U	38	U	39	U
Aroclor-1221	44	U	44	U	38	U	38	U	39	U
Aroclor-1232	44	U	44	U	38	U	38	U	39	U
Aroclor-1242	44	U	44	U	38	U	38	U	39	U
Aroclor-1248	44	U	44	U	38	U	38	U	39	U
Aroclor-1254	44	U	44	U	38	U	38	U	39	U
Aroclor-1260	210	J	44	U	43	J	46		39	U
Aroclor-1262	44	U	44	U	38	U	38	U	39	U
Aroclor-1268	44	U	44	U	38	U	38	U	39	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q8RX		E00Q9		E00Q9RX		E00R0		E00R0RX	
Sampling Location :			X215				X216			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/2/2006				8/2/2006			
Time Sampled :										
%Moisture :	23		32		32		17		17	
pH .	2.0		7.6		2.0		8.0		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	43	U	49	U	49	U	23	J	40	U
Aroclor-1221	43	U	49	U	49	U	40	U	40	U
Aroclor-1232	43	U	49	U	49	U	40	U	40	U
Aroclor-1242	43	U	49	U	49	U	40	U	40	U
Aroclor-1248	18	J	49	U	49	U	40	U	15	J
Aroclor-1254	43	U	49	U	49	U	40	U	40	U
Aroclor-1260	50		49	U	49	U	180	J	120	
Aroclor-1262	43	U	49	U	49	U	40	U	40	U
Aroclor-1268	43	U	49	U	49	U	40	U	40	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q6		E00Q6RX		E00Q7		E00Q7RX		E00Q8	
Sampling Location :	X108				X213				X214	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006				8/2/2006				8/2/2006	
Time Sampled :										
%Moisture :	21		21		23		23		23	
pH :	7.7		2.0		7.9		2.0		8.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	42	U	42	U	43	U	43	U	43	U
Aroclor-1221	42	U	42	U	43	U	43	U	43	U
Aroclor-1232	42	U	42	U	43	U	43	U	43	U
Aroclor-1242	42	U	42	U	43	U	43	U	43	U
Aroclor-1248	42	U	42	U	43	U	43	U	43	U
Aroclor-1254	42	U	42	U	43	U	43	U	43	U
Aroclor-1260	400	J	130		9.9	J	11	J	12	J
Aroclor-1262	42	U	42	U	43	U	43	U	43	U
Aroclor-1268	42	U	42	U	43	U	43	U	43	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer .
Date :

Sample Number :	E00Q3RX		E00Q5		E00Q5DL		E00Q5RX		E00Q5RXDL	
Sampling Location :			X105		X105					
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/2/2006							
Time Sampled :										
%Moisture :	15		8		8		8		8	
pH :	2.0		8.4		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		1.0		5.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	39	U	36	U	180	U	36	U	180	U
Aroclor-1221	39	U	36	U	180	U	36	U	180	U
Aroclor-1232	39	U	36	U	180	U	36	U	180	U
Aroclor-1242	39	U	36	U	180	U	36	U	180	U
Aroclor-1248	55		36	U	180	U	510		450	
Aroclor-1254	39	U	36	U	180	U	36	U	180	U
Aroclor-1260	39		1400	J	1300	J	2300	J	1900	
Aroclor-1262	39	U	36	U	180	U	36	U	180	U
Aroclor-1268	39	U	36	U	180	U	36	U	180	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q1RX		E00Q1RXDL		E00Q2		E00Q2RX		E00Q3	
Sampling Location :					X104				X103	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					8/2/2006				8/2/2006	
Time Sampled :										
%Moisture :	14		14		15		15		15	
pH :	2.0		2.0		7.7		2.0		7.6	
Dilution Factor :	10.0		100.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1221	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1232	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1242	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1248	5000	J	7300	J	320		100		39	J
Aroclor-1254	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1260	92000	J	130000		250	J	99	J	59	J
Aroclor-1262	1200	U	12000	U	39	U	39	U	39	U
Aroclor-1268	1200	U	12000	U	39	U	39	U	39	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00P9RX		E00Q0		E00Q0RX		E00Q1		E00Q1DL	
Sampling Location :			X211				X111		X111	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/1/2006				8/2/2006			
Time Sampled :										
%Moisture :	21		22		22		14		14	
pH .	2.0		7.8		2.0		7.9		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		200.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	42	U	42	U	42	U	39	R	23000	U
Aroclor-1221	42	U	42	U	42	U	39	R	23000	U
Aroclor-1232	42	U	42	U	42	U	39	R	23000	U
Aroclor-1242	42	U	42	U	42	U	39	R	23000	U
Aroclor-1248	28	J	42	U	42	U	39	R	23000	U
Aroclor-1254	42	U	42	U	42	U	39	R	23000	U
Aroclor-1260	420		91	J	44		7700	J	180000	J
Aroclor-1262	42	U	42	U	42	U	39	R	23000	U
Aroclor-1268	42	U	42	U	42	U	39	R	23000	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Number of Soil Samples : 17
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	ABLK09		ABLK22		E00P8		E00P8RX		E00P9	
Sampling Location :					X212				X210	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :					8/1/2006				8/1/2006	
Time Sampled :										
%Moisture :	0		0		36		36		21	
pH :					7.5		2.0		8.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	33	U	33	U	51	U	51	U	42	U
Aroclor-1221	33	U	33	U	51	U	51	U	42	U
Aroclor-1232	33	U	33	U	51	U	51	U	42	U
Aroclor-1242	33	U	33	U	51	U	51	U	42	U
Aroclor-1248	33	U	33	U	51	U	62		42	U
Aroclor-1254	33	U	33	U	51	U	51	U	42	U
Aroclor-1260	33	U	33	U	230	J	93		460	J
Aroclor-1262	33	U	33	U	51	U	51	U	42	U
Aroclor-1268	33	U	33	U	51	U	51	U	42	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer .
Date :

Sample Number :	E00R5		E00R5RE		PBLK65		PBLK65RE			
Sampling Location :	X230		X230							
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	8/3/2006									
Time Sampled :										
%Moisture :	18		18		0		0			
pH :	8.3		8.3							
Dilution Factor :	1.0		1.0		1.0		1.0			
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
beta-BHC	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
delta-BHC	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
gamma-BHC (Lindane)	2.1	R	2.1	UJ	1.7	R	1.7	UJ		
Heptachlor	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
Aldrin	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
Heptachlor epoxide	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
Endosulfan I	0.53	J	2.1	UJ	1.7	UJ	1.7	UJ		
Dieldrin	4	UJ	4	UJ	3.3	UJ	3.3	UJ		
4,4'-DDE	4.0	UJ	4.0	UJ	3.3	UJ	3.3	UJ		
Endrin	3.1	J	2.5	J	3.3	UJ	3.3	UJ		
Endosulfan II	4.0	UJ	4.0	UJ	3.3	UJ	3.3	UJ		
4,4'-DDD	4.0	UJ	4.0	UJ	3.3	UJ	3.3	UJ		
Endosulfan sulfate	4	R	4	UJ	3.3	R	3.3	UJ		
4,4'-DDT	1.6	J	1.1	J	3.3	UJ	3.3	UJ		
Methoxychlor	21	UJ	21	UJ	17	UJ	17	UJ		
Endrin ketone	1.5	J	4	UJ	3.3	UJ	3.3	UJ		
Endrin aldehyde	4.0	UJ	4	UJ	3.3	UJ	3.3	UJ		
alpha-Chlordane	2.1	UJ	2.1	UJ	1.7	UJ	1.7	UJ		
gamma-Chlordane	0.35	J	2.1	UJ	1.7	UJ	1.7	UJ		
Toxaphene	210	UJ	210	UJ	170	UJ	170	UJ		

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R2RE		E00R3		E00R3RE		E00R4		E00R4RE	
Sampling Location :	X121		X120		X120		X113		X113	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/3/2006				8/3/2006			
Time Sampled :										
%Moisture :	13		15		15		13		13	
pH :	6.8		7.8		7.8		7.9		7.9	
Dilution Factor :	1.0		1.0		1.0		10.0		10.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.0	UJ	2.0	UJ	2.0	UJ	20	UJ	20	UJ
beta-BHC	2.0	UJ	2.0	UJ	2.0	UJ	10	J	12	J
delta-BHC	2.0	UJ	2.0	UJ	2.0	UJ	20	UJ	20	UJ
gamma-BHC (Lindane)	2.0	UJ	2.0	R	2.0	UJ	7.9	J	8.5	J
Heptachlor	2.0	UJ	2.0	UJ	2.0	UJ	38	J	20	UJ
Aldrin	2.0	UJ	2.0	UJ	2.0	UJ	98	J	20	UJ
Heptachlor epoxide	2.0	UJ	2.0	UJ	2.0	UJ	170	J	810	J
Endosulfan I	2	UJ	2.0	UJ	2.0	UJ	20	J	20	J
Dieldrin	3.8	UJ	3.9	UJ	3.9	UJ	46	J	43	J
4,4'-DDE	3.8	UJ	3.9	UJ	3.9	UJ	120	J	130	J
Endrin	1.5	J	3.9	UJ	3.9	UJ	4700	J	4700	J
Endosulfan II	3.8	UJ	3.9	UJ	3.9	UJ	230	J	230	J
4,4'-DDD	3.8	UJ	3.9	UJ	3.9	UJ	29	J	28	J
Endosulfan sulfate	3.8	UJ	3.9	R	3.9	UJ	9.8	J	9.4	J
4,4'-DDT	1.1	J	0.54	J	3.9	UJ	1800	J	3600	J
Methoxychlor	20	UJ	0.91	J	20	UJ	250	J	190	J
Endrin ketone	3.8	UJ	3.9	UJ	3.9	UJ	37.9	UJ	37.9	UJ
Endrin aldehyde	3.8	UJ	3.9	UJ	3.9	UJ	1700	J	1800	J
alpha-Chlordane	2.0	UJ	2.0	UJ	2.0	UJ	100	J	110	J
gamma-Chlordane	2.0	UJ	2.0	UJ	2.0	UJ	8.9	J	8.7	J
Toxaphene	200	UJ	200	UJ	200	UJ	2000	UJ	2000	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R0		E00R0RE		E00R1		E00R1RE		E00R2	
Sampling Location :	X216		X216		X217		X217		X121	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006				8/2/2006				8/3/2006	
Time Sampled :										
%Moisture :	17		17		25		25		13	
pH :	8.0		8.0		7.8		7.8		6.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
beta-BHC	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
delta-BHC	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
gamma-BHC (Lindane)	2.1	R	2.1	UJ	2.3	R	2.3	UJ	2.0	R
Heptachlor	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
Aldrin	0.54	J	0.64	J	2.3	UJ	2.3	UJ	2.0	UJ
Heptachlor epoxide	2.1	UJ	4.3	J	2.3	UJ	2.3	UJ	2.0	UJ
Endosulfan I	0.75	J	2.1	UJ	2.3	UJ	2.3	UJ	2	UJ
Dieldrin	3.1	J	4.0	UJ	4.4	UJ	4.4	UJ	3.8	UJ
4,4'-DDE	1.9	J	4.0	UJ	4.4	UJ	4.4	UJ	3.8	UJ
Endrin	9.9	J	9.6	J	4.4	UJ	4.4	UJ	1.3	J
Endosulfan II	4	UJ	4	UJ	4.4	UJ	4.4	UJ	3.8	UJ
4,4'-DDD	4	UJ	4.0	UJ	4.4	UJ	4.4	UJ	3.8	UJ
Endosulfan sulfate	4	R	4	UJ	4.4	R	4.4	UJ	3.8	R
4,4'-DDT	7.2	J	4.0	UJ	4.4	UJ	0.42	J	3.8	UJ
Methoxychlor	21	UJ	21	UJ	23	UJ	23	UJ	20	UJ
Endrin ketone	4.0	UJ	4.0	UJ	4.4	UJ	4.4	UJ	3.8	UJ
Endrin aldehyde	3.8	J	3.4	J	4.4	UJ	4.4	UJ	3.8	UJ
alpha-Chlordane	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
gamma-Chlordane	2.1	UJ	2.1	UJ	2.3	UJ	2.3	UJ	2.0	UJ
Toxaphene	210	UJ	210	UJ	230	UJ	230	UJ	200	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q7		E00Q7RE		E00Q8		E00Q8RE		E00Q9	
Sampling Location :	X213		X213		X214		X214		X215	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled .	8/2/2006				8/2/2006				8/2/2006	
Time Sampled :										
%Moisture :	23		23		23		23		32	
pH :	7.9		7.9		8.2		8.2		7.6	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
beta-BHC	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
delta-BHC	0.39	J	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
gamma-BHC (Lindane)	2.2	R	2.2	UJ	2.2	R	2.2	UJ	2.5	R
Heptachlor	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
Aldrin	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
Heptachlor epoxide	2.2	UJ	0.30	J	2.2	UJ	2.2	UJ	2.5	UJ
Endosulfan I	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
Dieldrin	4.3	UJ	4.3	UJ	4.3	UJ	4.3	UJ	4.9	UJ
4,4'-DDE	4.3	UJ	4.3	UJ	4.3	UJ	4.3	UJ	4.9	UJ
Endrin	1.7	J	1.5	J	4.3	UJ	4.3	UJ	4.9	UJ
Endosulfan II	4.3	UJ	4.3	UJ	4.3	UJ	4.3	UJ	4.9	UJ
4,4'-DDD	4.3	UJ	4.3	UJ	4.3	UJ	4.3	UJ	4.9	UJ
Endosulfan sulfate	4.3	R	4.3	UJ	4.3	R	4.3	UJ	4.9	R
4,4'-DDT	4.3	UJ	4.3	UJ	4.3	UJ	0.36	J	4.9	UJ
Methoxychlor	22	UJ	22	UJ	22	UJ	22	UJ	25	UJ
Endrin ketone	1.3	J	1.0	J	4.3	UJ	0.79	J	4.9	UJ
Endrin aldehyde	4.3	UJ	4.3	UJ	4.3	UJ	4.3	UJ	4.9	UJ
alpha-Chlordane	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
gamma-Chlordane	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.5	UJ
Toxaphene	220	UJ	220	UJ	220	UJ	220	UJ	250	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q3		E00Q3RE		E00Q5		E00Q6		E00Q6RE	
Sampling Location :	X103		X103		X105		X108		X108	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006				8/2/2006		8/2/2006			
Time Sampled :										
%Moisture :	15		15		8		21		21	
pH :	7.6		7.6		8.4		7.7		7.7	
Dilution Factor :	10.0		10.0		10.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	20	UJ	20	UJ	18	UJ	2.1	UJ	2.1	UJ
beta-BHC	20	UJ	20	UJ	18	UJ	2.1	UJ	2.1	UJ
delta-BHC	20	UJ	20	UJ	18	UJ	0.70	J	2.1	UJ
gamma-BHC (Lindane)	20	R	20	UJ	18	R	2.1	R	0.58	J
Heptachlor	20	UJ	20	UJ	18	UJ	2.1	UJ	0.65	J
Aldrin	20	UJ	20	UJ	18	UJ	2.1	UJ	2.1	UJ
Heptachlor epoxide	20	UJ	20	UJ	18	UJ	2.1	UJ	4.1	J
Endosulfan I	20	UJ	20	UJ	18	UJ	3.7	J	3.8	J
Dieldrin	39	UJ	39	UJ	7.4	J	9.3	J	9.1	J
4,4'-DDE	39	UJ	39	UJ	36	UJ	3.6	J	4.2	UJ
Endrin	11	J	15	J	36	J	18	J	15	J
Endosulfan II	39	UJ	39	UJ	36	UJ	1.3	J	1.4	J
4,4'-DDD	39	UJ	39	UJ	36	UJ	4.1	UJ	4.2	UJ
Endosulfan sulfate	39	R	39	UJ	36	R	1.3	J	1.4	J
4,4'-DDT	39	UJ	39	UJ	28	J	7.7	J	4.2	UJ
Methoxychlor	200	UJ	200	UJ	180	UJ	21	UJ	21	UJ
Endrin ketone	39	UJ	8.8	J	36	UJ	4.1	UJ	0.99	J
Endrin aldehyde	39	UJ	39	UJ	16	J	9.5	J	11	J
alpha-Chlordane	20	UJ	20	UJ	18	UJ	2.1	UJ	2.1	UJ
gamma-Chlordane	2.2	J	20	UJ	18	UJ	2.1	UJ	0.98	J
Toxaphene	2000	UJ	2000	UJ	1800	UJ	210	UJ	210	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q0RE		E00Q1		E00Q1RE		E00Q2		E00Q2RE	
Sampling Location :	X211		X111		X111		X104		X104	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :			8/2/2006				8/2/2006			
Time Sampled :										
%Moisture :	22		14		14		15		15	
pH :	7.8		7.9		7.9		7.7		7.7	
Dilution Factor :	1.0		10.0		20.0		10.0		10.0	
Pesticide Compound	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
alpha-BHC	2.2	UJ	19.7	UJ	40	UJ	20	UJ	20	UJ
beta-BHC	2.2	UJ	16	J	29	J	20	UJ	20	UJ
delta-BHC	2.2	UJ	19.7	UJ	40	UJ	20	UJ	20	UJ
gamma-BHC (Lindane)	2.2	UJ	6.3	J	40	UJ	20	R	20	UJ
Heptachlor	2.2	UJ	39	J	30	J	20	UJ	20	UJ
Aldrin	2.2	UJ	6.8	J	34	J	20	UJ	20	UJ
Heptachlor epoxide	0.92	J	160	J	720	J	20	UJ	10	J
Endosulfan I	1.2	J	50	J	40	UJ	20	UJ	20	UJ
Dieldrin	1.5	J	17	J	9.5	J	39	UJ	39	UJ
4,4'-DDE	4.2	UJ	76	J	42	J	13	J	39	UJ
Endrin	3.7	J	5300	J	4900	J	45	J	36	J
Endosulfan II	4.2	UJ	160	J	170	J	39	UJ	39	UJ
4,4'-DDD	4.2	UJ	62	J	29	J	39	UJ	39	UJ
Endosulfan sulfate	4.2	UJ	20	J	22	J	39	R	39	UJ
4,4'-DDT	4.2	UJ	2000	J	140	J	27	J	26	J
Methoxychlor	0.62	J	260	J	240	J	200	UJ	200	UJ
Endrin ketone	4.2	UJ	39	UJ	77	UJ	39	UJ	39	UJ
Endrin aldehyde	1.7	J	2000	J	1700	J	39	UJ	12	J
alpha-Chlordane	2.2	UJ	23	J	40	UJ	20	UJ	20	UJ
gamma-Chlordane	2.2	UJ	19.7	UJ	40	UJ	5.8	J	20	UJ
Toxaphene	220	UJ	2000	UJ	4000	UJ	2000	UJ	2000	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Number of Soil Samples : 17
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	E00P8		E00P8RE		E00P9		E00P9RE		E00Q0	
Sampling Location :	X212		X212		X210		X210		X211	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006				8/1/2006				8/1/2006	
Time Sampled :										
%Moisture :	36		36		21		21		22	
pH :	7.5		7.5		8.2		8.2		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
beta-BHC	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
delta-BHC	0.44	J	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
gamma-BHC (Lindane)	2.6	R	2.6	UJ	2.2	R	2.2	UJ	2.2	R
Heptachlor	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
Aldrin	0.48	J	0.56	J	2.2	UJ	2.2	UJ	2.2	UJ
Heptachlor epoxide	2.6	UJ	2.5	J	0.85	J	4.3	J	2.2	UJ
Endosulfan I	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	1.0	J
Dieldrin	4.3	J	3.8	J	4.2	UJ	4.2	UJ	1.4	J
4,4'-DDE	5.1	UJ	5.1	UJ	4.2	UJ	4.2	UJ	4.2	UJ
Endrin	13	J	14	J	34	J	36	J	4.1	J
Endosulfan II	5.1	UJ	5.1	UJ	1.9	J	2.1	J	4.2	UJ
4,4'-DDD	5.1	UJ	5.1	UJ	4.2	UJ	4.2	UJ	4.2	UJ
Endosulfan sulfate	5.1	R	5.1	UJ	4.2	R	4.2	UJ	4.2	R
4,4'-DDT	10	J	11	J	26	J	1.4	J	3.2	J
Methoxychlor	0.87	J	0.98	J	22	UJ	2.2	J	0.49	J
Endrin ketone	5.1	UJ	5.1	UJ	4.2	UJ	4.2	UJ	2.9	J
Endrin aldehyde	6.0	J	6.1	J	13	J	14	J	1.9	J
alpha-Chlordane	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
gamma-Chlordane	2.6	UJ	2.6	UJ	2.2	UJ	2.2	UJ	2.2	UJ
Toxaphene	260	UJ	260	UJ	220	UJ	220	UJ	220	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date .

Sample Number :	SBLK54		SBLK66							
Sampling Location :										
Matrix :	Soil		Soil							
Units :	ug/Kg		ug/Kg							
Date Sampled :										
Time Sampled :										
%Moisture :	0		0							
pH :										
Dilution Factor :	1.0		1.0							
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	330	U	330	U						
4-Nitrophenol	330	U	330	U						
Dibenzofuran	170	U	170	UJ						
2,4-Dinitrotoluene	170	U	170	U						
Diethylphthalate	170	U	170	U						
Fluorene	170	U	170	UJ						
4-Chlorophenyl-phenylether	170	U	170	UJ						
4-Nitroaniline	330	U	330	U						
4,6-Dinitro-2-methylphenol	330	U	330	U						
N-Nitrosodiphenylamine	170	U	170	U						
1,2,4,5-Tetrachlorobenzene	170	U	170	U						
4-Bromophenyl-phenylether	170	U	170	UJ						
Hexachlorobenzene	170	U	170	U						
Atrazine	170	U	170	U						
Pentachlorophenol	330	U	330	U						
Phenanthrene	170	U	170	U						
Anthracene	170	U	170	U						
Carbazole	170	U	170	UJ						
Di-n-butylphthalate	25	J	37	J						
Fluoranthene	170	U	170	U						
Pyrene	170	U	170	U						
Butylbenzylphthalate	170	U	170	U						
3,3'-Dichlorobenzidine	170	U	170	U						
Benzo(a)anthracene	170	U	170	U						
Chrysene	170	U	170	U						
Bis(2-ethylhexyl)phthalate	170	U	29	J						
Di-n-octylphthalate	170	U	17	J						
Benzo(b)fluoranthene	170	U	170	U						
Benzo(k)fluoranthene	170	U	170	U						
Benzo(a)pyrene	170	U	170	U						
Indeno(1,2,3-cd)pyrene	170	U	170	U						
Dibenzo(a,h)anthracene	170	U	170	U						
Benzo(g,h,i)perylene	170	U	170	U						
2,3,4,6-Tetrachlorophenol	170	U	170	U						

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	SBLK54		SBLK66							
Sampling Location :										
Matrix :	Soil		Soil							
Units :	ug/Kg		ug/Kg							
Date Sampled :										
Time Sampled :										
%Moisture :	0		0							
pH :										
Dilution Factor :	1.0		1.0							
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	170	U	170	U						
Phenol	170	U	170	U						
Bis(2-Chloroethyl)ether	170	U	170	U						
2-Chlorophenol	170	U	170	U						
2-Methylphenol	170	U	170	U						
2,2'-Oxybis(1-chloropropane)	170	U	170	U						
Acetophenone	170	U	170	U						
4-Methylphenol	170	U	170	U						
N-Nitroso-di-n-propylamine	170	U	170	U						
Hexachloroethane	170	U	170	U						
Nitrobenzene	170	U	170	U						
Isophorone	170	U	170	U						
2-Nitrophenol	170	U	170	U						
2,4-Dimethylphenol	170	U	170	U						
Bis(2-Chloroethoxy)methane	170	U	170	U						
2,4-Dichlorophenol	170	U	170	U						
Naphthalene	170	U	170	U						
4-Chloroaniline	170	U	170	U						
Hexachlorobutadiene	170	U	170	U						
Caprolactam	170	U	170	U						
4-Chloro-3-methylphenol	170	U	170	U						
2-Methylnaphthalene	170	U	170	U						
Hexachlorocyclopentadiene	170	U	170	UJ						
2,4,6-Trichlorophenol	170	U	170	U						
2,4,5-Trichlorophenol	170	U	170	U						
1,1'-Biphenyl	170	U	170	U						
2-Chloronaphthalene	170	U	170	U						
2-Nitroaniline	330	U	330	U						
Dimethylphthalate	170	U	170	U						
2,6-Dinitrotoluene	170	U	170	U						
Acenaphthylene	170	U	170	U						
3-Nitroaniline	330	U	330	U						
Acenaphthene	170	U	170	U						

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number	E00R2		E00R3		E00R4		E00R5		SBLK01	
Sampling Location :	X121		X120		X113		X230			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/3/2006		8/3/2006		8/3/2006		8/3/2006			
Time Sampled :										
%Moisture :	13		15		13		18		0	
pH :	6.8		7.8		7.9		8.3			
Dilution Factor :	1.0		1.0		10.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	380	U	390	U	38000	U	400	U	330	U
4-Nitrophenol	380	U	390	U	38000	U	400	U	330	U
Dibenzofuran	200	U	200	UJ	20000	U	210	U	170	U
2,4-Dinitrotoluene	200	U	200	UJ	20000	U	210	U	170	U
Diethylphthalate	200	U	200	UJ	20000	U	210	U	170	U
Fluorene	200	U	200	UJ	20000	U	210	U	170	U
4-Chlorophenyl-phenylether	200	U	200	UJ	20000	U	210	U	170	U
4-Nitroaniline	380	U	390	U	38000	U	400	U	330	U
4,6-Dinitro-2-methylphenol	380	U	390	U	38000	U	400	U	330	U
N-Nitrosodiphenylamine	200	U	200	UJ	20000	U	210	U	170	U
1,2,4,5-Tetrachlorobenzene	200	U	200	U	20000	U	210	U	170	U
4-Bromophenyl-phenylether	200	U	200	UJ	20000	U	210	U	170	U
Hexachlorobenzene	200	U	200	U	20000	U	210	U	170	U
Atrazine	200	U	200	U	20000	U	210	U	170	U
Pentachlorophenol	380	U	390	U	38000	U	400	U	330	U
Phenanthrene	200	U	200	U	5100	J	210	U	170	U
Anthracene	200	U	200	U	20000	U	210	U	170	U
Carbazole	200	U	200	UJ	20000	U	210	U	170	U
Di-n-butylphthalate	200	U	200	UJ	20000	U	210	U	8.1	J
Fluoranthene	200	U	200	U	9600	J	540		170	U
Pyrene	200	U	200	U	31000		380		170	U
Butylbenzylphthalate	200	U	200	UJ	20000	U	210	U	170	U
3,3'-Dichlorobenzidine	200	U	200	U	20000	U	210	U	170	U
Benzo(a)anthracene	200	U	200	U	4100	J	150	J	170	U
Chrysene	200	U	200	U	13000	J	100	J	170	U
Bis(2-ethylhexyl)phthalate	200	U	200	UJ	20000	U	210	U	27	J
Di-n-octylphthalate	200	UJ	200	UJ	20000	UJ	210	UJ	15	J
Benzo(b)fluoranthene	200	U	200	U	17000	J	190	J	170	U
Benzo(k)fluoranthene	200	U	200	U	5200	J	71	J	170	U
Benzo(a)pyrene	200	U	200	U	7700	J	84	J	170	U
Indeno(1,2,3-cd)pyrene	200	U	200	U	5800	J	30	J	170	U
Dibenzo(a,h)anthracene	200	U	200	U	20000	U	210	U	170	U
Benzo(g,h,i)perylene	200	U	200	U	6800	J	31	J	170	U
2,3,4,6-Tetrachlorophenol	200	U	200	U	20000	U	210	U	170	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R2		E00R3		E00R4		E00R5		SBLK01	
Sampling Location :	X121		X120		X113		X230			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/3/2006		8/3/2006		8/3/2006		8/3/2006			
Time Sampled :										
%Moisture :	13		15		13		18		0	
pH :	6.8		7.8		7.9		8.3			
Dilution Factor :	1.0		1.0		10.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	200	U	200	U	20000	U	210	U	170	U
Phenol	200	U	200	U	20000	U	210	U	170	U
Bis(2-Chloroethyl)ether	200	U	200	R	20000	U	210	U	170	U
2-Chlorophenol	200	U	200	U	20000	U	210	U	170	U
2-Methylphenol	200	U	200	U	20000	U	210	U	170	U
2,2'-Oxybis(1-chloropropane)	200	U	200	R	20000	U	210	U	170	U
Acetophenone	200	U	200	UJ	20000	U	210	U	170	U
4-Methylphenol	200	U	200	U	20000	U	210	U	170	U
N-Nitroso-di-n-propylamine	200	U	200	UJ	20000	U	210	U	170	U
Hexachloroethane	200	U	200	UJ	20000	U	210	U	170	U
Nitrobenzene	200	U	200	UJ	20000	U	210	U	170	U
Isophorone	200	U	200	UJ	20000	U	210	U	170	U
2-Nitrophenol	200	U	200	UJ	20000	U	210	U	170	U
2,4-Dimethylphenol	200	U	200	U	20000	U	210	U	170	U
Bis(2-Chloroethoxy)methane	200	U	200	R	20000	U	210	U	170	U
2,4-Dichlorophenol	200	U	200	U	20000	U	210	U	170	U
Naphthalene	200	U	200	U	20000	U	210	U	170	U
4-Chloroaniline	200	U	200	U	20000	U	210	U	170	U
Hexachlorobutadiene	200	U	200	U	20000	U	210	U	170	U
Caprolactam	200	U	200	UJ	20000	U	210	U	170	U
4-Chloro-3-methylphenol	200	U	200	U	20000	U	210	U	170	U
2-Methylnaphthalene	200	U	200	U	20000	U	210	U	170	U
Hexachlorocyclopentadiene	200	UJ	200	UJ	20000	UJ	210	UJ	170	U
2,4,6-Trichlorophenol	200	U	200	U	20000	U	210	U	170	U
2,4,5-Trichlorophenol	200	U	200	U	20000	U	210	U	170	U
1,1'-Biphenyl	200	U	200	UJ	20000	U	210	U	170	U
2-Chloronaphthalene	200	U	200	U	20000	U	210	U	170	U
2-Nitroaniline	380	U	390	U	38000	U	400	U	330	U
Dimethylphthalate	200	U	200	UJ	20000	U	210	U	170	U
2,6-Dinitrotoluene	200	U	200	UJ	20000	U	210	U	170	U
Acenaphthylene	200	U	200	U	20000	U	210	U	170	U
3-Nitroaniline	380	U	390	U	38000	U	400	U	330	U
Acenaphthene	200	U	200	U	20000	U	210	U	170	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q7		E00Q8		E00Q9		E00R0		E00R1	
Sampling Location :	X213		X214		X215		X216		X217	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	23		23		32		17		25	
pH :	7.9		8.2		7.6		8.0		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	430	U	430	U	490	U	400	U	440	U
4-Nitrophenol	430	U	430	U	490	U	400	U	440	U
Dibenzofuran	220	U	220	U	250	U	210	UJ	230	U
2,4-Dinitrotoluene	220	U	220	U	250	U	210	U	230	U
Diethylphthalate	220	U	220	U	250	U	210	U	230	U
Fluorene	220	U	220	U	250	U	210	UJ	230	U
4-Chlorophenyl-phenylether	220	U	220	U	250	U	210	UJ	230	U
4-Nitroaniline	430	U	430	U	490	U	400	U	440	U
4,6-Dinitro-2-methylphenol	430	U	430	U	490	U	400	U	440	U
N-Nitrosodiphenylamine	220	U	220	U	250	U	210	U	230	U
1,2,4,5-Tetrachlorobenzene	220	U	220	U	250	U	210	U	230	U
4-Bromophenyl-phenylether	220	U	220	U	250	U	210	UJ	230	U
Hexachlorobenzene	220	U	220	U	250	U	210	U	230	U
Atrazine	220	U	220	U	250	U	210	U	230	U
Pentachlorophenol	430	U	430	U	490	U	400	U	440	U
Phenanthrene	220	U	220	U	250	U	210	U	160	J
Anthracene	220	U	220	U	250	U	210	U	34	J
Carbazole	220	U	220	U	250	U	210	UJ	23	J
Di-n-butylphthalate	220	U	220	U	250	U	210	U	230	U
Fluoranthene	220	U	220	U	5.3	J	18	J	440	J
Pyrene	220	U	220	U	5.2	J	86	J	440	J
Butylbenzylphthalate	220	U	220	U	250	U	1.6	J	230	U
3,3'-Dichlorobenzidine	220	U	220	U	250	U	210	U	230	U
Benzo(a)anthracene	220	U	220	U	250	U	23	J	220	J
Chrysene	71	J	83	J	7.0	J	40	J	270	J
Bis(2-ethylhexyl)phthalate	220	U	220	U	250	U	210	U	230	U
Di-n-octylphthalate	220	U	220	U	250	U	210	U	230	U
Benzo(b)fluoranthene	31	J	24	J	18	J	26	J	320	J
Benzo(k)fluoranthene	220	U	220	U	14	J	12	J	150	J
Benzo(a)pyrene	15	J	73	J	15	J	31	J	250	J
Indeno(1,2,3-cd)pyrene	220	U	220	U	250	U	11	J	140	J
Dibenzo(a,h)anthracene	220	U	220	U	250	U	210	U	44	J
Benzo(g,h,i)perylene	220	U	220	U	250	U	210	U	130	J
2,3,4,6-Tetrachlorophenol	220	U	220	U	250	U	210	U	230	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q7		E00Q8		E00Q9		E00R0		E00R1	
Sampling Location :	X213		X214		X215		X216		X217	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	23		23		32		17		25	
pH :	7.9		8.2		7.6		8.0		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	220	U	220	U	250	U	210	U	230	U
Phenol	220	U	220	U	250	U	210	U	230	U
Bis(2-Chloroethyl)ether	220	U	220	U	250	U	210	U	230	U
2-Chlorophenol	220	U	220	U	250	U	210	U	230	U
2-Methylphenol	220	U	220	U	250	U	210	U	230	U
2,2'-Oxybis(1-chloropropane)	220	U	220	U	250	U	210	U	230	U
Acetophenone	220	U	220	U	250	U	210	U	230	U
4-Methylphenol	220	U	220	U	250	U	210	U	230	U
N-Nitroso-di-n-propylamine	220	U	220	U	250	U	210	U	230	U
Hexachloroethane	220	U	220	U	250	U	210	U	230	U
Nitrobenzene	220	U	220	U	250	U	210	U	230	U
Isophorone	220	U	220	U	250	U	210	U	230	U
2-Nitrophenol	220	U	220	U	250	U	210	U	230	U
2,4-Dimethylphenol	220	U	220	U	250	U	210	U	230	U
Bis(2-Chloroethoxy)methane	220	U	220	U	250	U	210	U	230	U
2,4-Dichlorophenol	220	U	220	U	250	U	210	U	230	U
Naphthalene	220	U	220	U	250	U	210	U	230	U
4-Chloroaniline	220	U	220	U	250	U	210	U	230	U
Hexachlorobutadiene	220	U	220	U	250	U	210	U	230	U
Caprolactam	220	U	220	U	250	U	210	U	230	U
4-Chloro-3-methylphenol	220	U	220	U	250	U	210	U	230	U
2-Methylnaphthalene	220	U	220	U	250	U	210	U	230	U
Hexachlorocyclopentadiene	220	U	220	U	250	U	210	U	230	U
2,4,6-Trichlorophenol	220	U	220	U	250	U	210	U	230	U
2,4,5-Trichlorophenol	220	U	220	U	250	U	210	U	230	U
1,1'-Biphenyl	220	U	220	U	250	U	210	U	230	U
2-Chloronaphthalene	220	U	220	U	250	U	210	U	230	U
2-Nitroaniline	430	U	430	U	490	U	400	U	440	U
Dimethylphthalate	220	U	220	U	250	U	210	U	230	U
2,6-Dinitrotoluene	220	U	220	U	250	U	210	U	230	U
Acenaphthylene	220	U	220	U	250	U	210	U	230	U
3-Nitroaniline	430	U	430	U	490	U	400	U	440	U
Acenaphthene	220	U	220	U	250	U	210	U	230	U

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q3		E00Q5		E00Q5MS		E00Q5MSD		E00Q6	
Sampling Location :	X103		X105		X105		X105		X108	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006						8/2/2006	
Time Sampled :										
%Moisture :	15		8		0		0		21	
pH :	7.6		8.4		8.4		8.4		7.7	
Dilution Factor :	1.0		10.0		10.0		10.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	390	U	3600	U	9900	U	9900	U	420	U
4-Nitrophenol	390	U	3600	R	9900	U	9900	U	420	U
Dibenzofuran	200	U	1800	U	5100	U	5100	U	210	U
2,4-Dinitrotoluene	200	U	1800	U	3200	J	3300	J	210	U
Diethylphthalate	200	U	1800	U	5100	U	5100	U	210	U
Fluorene	200	U	280	J	900	J	890	J	91	J
4-Chlorophenyl-phenylether	200	U	35	J	5100	U	5100	U	210	U
4-Nitroaniline	390	U	3600	U	9900	U	9900	U	420	U
4,6-Dinitro-2-methylphenol	390	U	3600	U	9900	U	9900	U	420	U
N-Nitrosodiphenylamine	200	U	1800	U	5100	U	5100	U	210	U
1,2,4,5-Tetrachlorobenzene	200	U	1800	U	5100	U	5100	U	210	U
4-Bromophenyl-phenylether	200	U	1800	U	5100	U	5100	U	210	U
Hexachlorobenzene	200	U	1800	U	5100	U	5100	U	210	U
Atrazine	200	U	1800	U	5100	U	5100	U	210	U
Pentachlorophenol	390	U	3600	R	9900	U	9900	U	420	U
Phenanthrene	29	J	620	J	2100	J	2200	J	290	
Anthracene	6.0	J	1800	U	5100	U	5100	U	210	U
Carbazole	1.7	J	1800	U	610	J	680	J	210	U
Di-n-butylphthalate	200	U	1800	U	5100	U	5100	U	210	U
Fluoranthene	8.9	J	130	J	5100	U	5100	U	210	U
Pyrene	27	J	770	J	6500		7200		230	
Butylbenzylphthalate	200	U	1800	U	5100	U	5100	U	210	U
3,3'-Dichlorobenzidine	200	U	1800	U	5100	U	5100	U	210	U
Benzo(a)anthracene	200	U	270	J	630	J	660	J	210	U
Chrysene	200	U	480	J	1200	J	1500	J	130	J
Bis(2-ethylhexyl)phthalate	200	U	1800	U	5100	U	5100	U	210	U
Di-n-octylphthalate	200	U	1800	U	5100	U	5100	U	210	U
Benzo(b)fluoranthene	29	J	290	J	5100	U	5100	U	210	U
Benzo(k)fluoranthene	25	J	140	J	5100	U	5100	U	210	U
Benzo(a)pyrene	37	J	340	J	720	J	5100	U	110	J
Indeno(1,2,3-cd)pyrene	200	U	1800	U	5100	U	5100	U	210	U
Dibenzo(a,h)anthracene	200	U	1800	U	5100	U	5100	U	210	U
Benzo(g,h,i)perylene	60	J	170	J	5100	U	5100	U	210	U
2,3,4,6-Tetrachlorophenol	200	U	1800	U	5100	U	5100	U	210	U

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q3		E00Q5		E00Q5MS		E00Q5MSD		E00Q6	
Sampling Location :	X103		X105		X105		X105		X108	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006						8/2/2006	
Time Sampled :										
%Moisture :	15		8		0		0		21	
pH :	7.6		8.4		8.4		8.4		7.7	
Dilution Factor :	1.0		10.0		10.0		10.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	200	U	1800	U	5100	U	5100	U	210	U
Phenol	200	U	1800	U	2500	J	3200	J	210	U
Bis(2-Chloroethyl)ether	200	U	1800	U	5100	U	5100	U	210	U
2-Chlorophenol	200	U	1800	U	2400	J	3100	J	210	U
2-Methylphenol	200	U	1800	U	5100	U	5100	U	210	U
2,2'-Oxybis(1-chloropropane)	3.2	J	1800	U	5100	U	5100	U	210	U
Acetophenone	200	U	1800	U	5100	U	5100	U	210	U
4-Methylphenol	200	U	1800	U	5100	U	5100	U	210	U
N-Nitroso-di-n-propylamine	200	U	1800	U	2600	J	3700	J	210	U
Hexachloroethane	200	U	1800	U	5100	U	5100	U	210	U
Nitrobenzene	200	U	1800	U	5100	U	5100	U	210	U
Isophorone	200	U	1800	U	5100	U	5100	U	210	U
2-Nitrophenol	200	U	1800	U	5100	U	5100	U	210	U
2,4-Dimethylphenol	200	U	1800	U	5100	U	5100	U	210	U
Bis(2-Chloroethoxy)methane	200	U	1800	U	5100	U	5100	U	210	U
2,4-Dichlorophenol	200	U	1800	U	5100	U	5100	U	210	U
Naphthalene	200	U	1800	U	5100	U	5100	U	210	U
4-Chloroaniline	200	U	1800	U	5100	U	5100	U	210	U
Hexachlorobutadiene	200	U	1800	U	5100	U	5100	U	210	U
Caprolactam	200	U	1800	U	5100	U	5100	U	210	U
4-Chloro-3-methylphenol	200	U	1800	U	3100	J	3700	J	210	U
2-Methylnaphthalene	2.8	J	590	J	1500	J	1600	J	210	U
Hexachlorocyclopentadiene	200	U	1800	U	5100	U	5100	U	210	U
2,4,6-Trichlorophenol	200	U	1800	U	5100	U	5100	U	210	U
2,4,5-Trichlorophenol	200	U	1800	U	5100	U	5100	U	210	U
1,1'-Biphenyl	200	U	1800	U	5100	U	5100	U	210	U
2-Chloronaphthalene	200	U	1800	U	5100	U	5100	U	210	U
2-Nitroaniline	390	U	3600	U	9900	U	9900	U	420	U
Dimethylphthalate	200	U	1800	U	5100	U	5100	U	210	U
2,6-Dinitrotoluene	200	U	1800	U	5100	U	5100	U	210	U
Acenaphthylene	2.8	J	1800	U	5100	U	5100	U	210	U
3-Nitroaniline	390	U	3600	U	9900	U	9900	U	420	U
Acenaphthene	200	U	190	J	3800	J	4200	J	210	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00P8		E00P9		E00Q0		E00Q1		E00Q2	
Sampling Location :	X212		X210		X211		X111		X104	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	36		21		22		14		15	
pH :	7.5		8.2		7.8		7.9		7.7	
Dilution Factor :	1.0		1.0		1.0		10.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	510	U	420	U	420	U	39000	U	390	U
4-Nitrophenol	510	U	420	U	420	U	39000	U	390	U
Dibenzofuran	260	U	220	U	220	UJ	20000	U	200	UJ
2,4-Dinitrotoluene	260	U	220	U	220	U	20000	U	310	
Diethylphthalate	260	U	220	U	220	UJ	20000	U	200	U
Fluorene	260	U	220	U	220	UJ	7900	J	200	UJ
4-Chlorophenyl-phenylether	260	U	220	U	220	UJ	20000	U	200	UJ
4-Nitroaniline	510	U	420	U	420	U	39000	U	390	U
4,6-Dinitro-2-methylphenol	510	U	420	U	420	U	39000	U	390	U
N-Nitrosodiphenylamine	260	U	220	U	220	U	20000	U	200	U
1,2,4,5-Tetrachlorobenzene	260	U	220	U	220	U	20000	U	200	U
4-Bromophenyl-phenylether	260	U	220	U	220	UJ	20000	U	200	UJ
Hexachlorobenzene	260	U	220	U	220	U	20000	U	200	U
Atrazine	260	U	220	U	220	U	20000	U	200	U
Pentachlorophenol	510	U	420	U	420	U	39000	U	390	U
Phenanthrene	53	J	30	J	220	U	25000		200	U
Anthracene	17	J	10	J	220	U	6800	J	200	U
Carbazole	4.3	J	2.9	J	220	UJ	9000	J	200	UJ
Di-n-butylphthalate	260	U	220	U	220	UJ	20000	U	200	U
Fluoranthene	110	J	45	J	220	U	18000	J	200	UJ
Pyrene	250	J	91	J	220	U	130000		8.0	J
Butylbenzylphthalate	18	J	11	J	220	UJ	20000	U	200	U
3,3'-Dichlorobenzidine	260	U	220	U	220	U	20000	U	200	U
Benzo(a)anthracene	88	J	43	J	220	U	3400	J	200	UJ
Chrysene	92	J	47	J	9.6	J	5100	J	11	J
Bis(2-ethylhexyl)phthalate	260	U	220	U	220	UJ	20000	U	200	U
Di-n-octylphthalate	260	U	220	U	220	UJ	20000	U	200	U
Benzo(b)fluoranthene	210	J	81	J	16	J	20000	U	19	J
Benzo(k)fluoranthene	68	J	46	J	16	J	20000	U	17	J
Benzo(a)pyrene	200	J	90	J	15	J	3800	J	20	J
Indeno(1,2,3-cd)pyrene	87	J	45	J	220	U	3300	J	8.1	J
Dibenzo(a,h)anthracene	260	U	220	U	220	U	20000	U	200	UJ
Benzo(g,h,i)perylene	120	J	66	J	220	U	6400	J	24	J
2,3,4,6-Tetrachlorophenol	260	U	220	U	220	U	20000	U	200	U

Case #: 35607 SDG : E00P8

Site : ILADA WASTE COMPANY

Lab. : SHEALY

Reviewer :

Date :

Number of Soil Samples : 17

Number of Water Samples : 0

Number of Sediment Samples : 0

Sample Number :	E00P8		E00P9		E00Q0		E00Q1		E00Q2	
Sampling Location :	X212		X210		X211		X111		X104	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	36		21		22		14		15	
pH :	7.5		8.2		7.8		7.9		7.7	
Dilution Factor :	1.0		1.0		1.0		10.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	260	U	220	U	220	U	20000	U	200	U
Phenol	260	U	220	U	220	U	4000	J	200	U
Bis(2-Chloroethyl)ether	260	U	220	U	220	U	20000	U	200	U
2-Chlorophenol	260	U	220	U	220	U	20000	U	200	U
2-Methylphenol	260	U	220	U	220	U	20000	U	200	U
2,2'-Oxybis(1-chloropropane)	260	U	220	U	220	U	20000	U	200	U
Acetophenone	260	U	220	U	220	U	20000	U	200	U
4-Methylphenol	260	U	220	U	220	U	9900	J	200	U
N-Nitroso-di-n-propylamine	260	U	220	U	220	U	20000	U	200	U
Hexachloroethane	260	U	220	U	220	U	20000	U	200	U
Nitrobenzene	260	U	220	U	220	U	20000	U	200	U
Isophorone	260	U	220	U	220	U	20000	U	200	U
2-Nitrophenol	260	U	220	U	220	U	20000	U	200	U
2,4-Dimethylphenol	260	U	220	U	220	U	20000	U	200	U
Bis(2-Chloroethoxy)methane	260	U	220	U	220	U	20000	U	200	U
2,4-Dichlorophenol	260	U	220	U	220	U	20000	U	200	U
Naphthalene	260	U	220	U	220	U	10000	J	200	U
4-Chloroaniline	260	U	220	U	220	U	20000	U	200	U
Hexachlorobutadiene	260	U	220	U	220	U	20000	U	200	U
Caprolactam	260	U	220	U	220	UJ	20000	U	200	U
4-Chloro-3-methylphenol	260	U	220	U	220	U	20000	U	200	U
2-Methylnaphthalene	260	U	4.1	J	220	U	16000	J	200	U
Hexachlorocyclopentadiene	260	U	220	U	220	U	20000	U	200	U
2,4,6-Trichlorophenol	260	U	220	U	220	U	20000	U	200	U
2,4,5-Trichlorophenol	260	U	220	U	220	U	20000	U	200	U
1,1'-Biphenyl	260	U	220	U	220	UJ	3500	J	200	U
2-Chloronaphthalene	260	U	220	U	220	U	20000	U	200	U
2-Nitroaniline	510	U	420	U	420	U	39000	U	390	U
Dimethylphthalate	260	U	220	U	220	UJ	20000	U	200	U
2,6-Dinitrotoluene	260	U	220	U	220	U	20000	U	200	U
Acenaphthylene	45	J	17	J	220	U	2200	J	200	U
3-Nitroaniline	510	U	420	U	420	U	39000	U	390	U
Acenaphthene	260	U	220	U	220	U	4200	J	200	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab : SHEALY
Reviewer :
Date :

Sample Number :	VBLKM1		VHBLK69							
Sampling Location :										
Matrix :	Soil		Soil							
Units :	ug/Kg		ug/Kg							
Date Sampled :										
Time Sampled :										
%Moisture :	0		0							
pH :										
Dilution Factor :	1.0		1.0							
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	250	U	5	U						
Tetrachloroethene	250	U	5	U						
2-Hexanone	500	U	10	U						
Dibromochloromethane	250	U	5	U						
1,2-Dibromoethane	250	U	5	U						
Chlorobenzene	250	U	5	U						
Ethylbenzene	250	U	0.74	J						
o-Xylene	250	U	0.62	J						
m,p-Xylene	250	U	2.5	J						
Styrene	250	U	5	U						
Bromoform	250	UJ	5	UJ						
Isopropylbenzene	250	U	5	U						
1,1,2,2-Tetrachloroethane	250	U	5	U						
1,3-Dichlorobenzene	250	U	5	U						
1,4-Dichlorobenzene	250	U	5	U						
1,2-Dichlorobenzene	250	U	5	U						
1,2-Dibromo-3-chloropropane	250	U	5	U						
1,2,4-Trichlorobenzene	30	J	5	U						
1,2,3-Trichlorobenzene	29	J	5	U						

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number .	VBLKM1		VHBLK69							
Sampling Location :										
Matrix :	Soil		Soil							
Units :	ug/Kg		ug/Kg							
Date Sampled :										
Time Sampled :										
%Moisture :	0		0							
pH :										
Dilution Factor :	1.0		1.0							
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	250	U	5	U						
Chloromethane	250	U	5	U						
Vinyl chloride	250	UJ	5	U						
Bromomethane	250	U	5	U						
Chloroethane	250	U	5	U						
Trichlorofluoromethane	250	U	5	U						
1,1-Dichloroethene	250	U	5	U						
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	5	U						
Acetone	500	U	10	U						
Carbon disulfide	250	U	5	U						
Methyl acetate	250	U	5	U						
Methylene chloride	250	U	5	U						
trans-1,2-Dichloroethene	250	U	5	U						
Methyl tert-butyl ether	250	U	5	U						
1,1-Dichloroethane	250	U	5	U						
cis-1,2-Dichloroethene	250	U	5	U						
2-Butanone	500	U	10	U						
Bromochloromethane	250	U	5	U						
Chloroform	250	U	5	U						
1,1,1-Trichloroethane	250	UJ	5	UJ						
Cyclohexane	250	U	5	U						
Carbon tetrachloride	250	U	5	UJ						
Benzene	250	U	5	U						
1,2-Dichloroethane	250	U	5	U						
1,4-Dioxane	5000	R	100	R						
Trichloroethene	250	U	5	U						
Methylcyclohexane	250	U	5	U						
1,2-Dichloropropane	250	U	5	U						
Bromodichloromethane	250	U	5	U						
cis-1,3-Dichloropropene	250	U	5	U						
4-Methyl-2-pentanone	500	U	7.9	J						
Toluene	250	U	0.85	J						
trans-1,3-Dichloropropene	250	U	5	U						

Analytical Results (Qualified Data)

Case #. 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R3		E00R4		VBLK09		VBLK10		VBLK14	
Sampling Location :	X120		X113							
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/3/2006		8/3/2006							
Time Sampled :										
%Moisture :	15		13		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Tetrachloroethene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
2-Hexanone	9.6	U	9.3	U	10	U	10	U	10	U
Dibromochloromethane	4.8	U	4.6	U	5.0	U	5	U	5	U
1,2-Dibromoethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Chlorobenzene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
Ethylbenzene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
o-Xylene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
m,p-Xylene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
Styrene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
Bromoform	4.8	UJ	4.6	UJ	5.0	UJ	5	UJ	5	UJ
Isopropylbenzene	4.8	U	1.3	J	5.0	U	5	U	5	U
1,1,2,2-Tetrachloroethane	4.8	U	4.6	U	5.0	U	5	U	5	U
1,3-Dichlorobenzene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
1,4-Dichlorobenzene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
1,2-Dichlorobenzene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
1,2-Dibromo-3-chloropropane	4.8	U	4.6	U	5.0	U	5	U	5	U
1,2,4-Trichlorobenzene	4.8	U	4.6	UJ	0.55	J	5	U	0.64	J
1,2,3-Trichlorobenzene	4.8	U	4.6	UJ	0.65	J	5	U	0.62	J

Analytical Results (Qualified Data)

Case #. 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00R3		E00R4		VBLK09		VBLK10		VBLK14	
Sampling Location :	X120		X113							
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/3/2006		8/3/2006							
Time Sampled :										
%Moisture :	15		13		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	4.8	U	4.6	U	5.0	U	5	U	5	U
Chloromethane	4.8	U	4.6	U	5.0	U	5	U	5	U
Vinyl chloride	4.8	U	4.6	U	5.0	U	5	UJ	5	U
Bromomethane	4.8	U	4.6	U	5.0	U	5	U	5	U
Chloroethane	4.8	U	4.6	U	5.0	U	5	U	5	U
Trichlorofluoromethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
1,1-Dichloroethene	4.8	UJ	4.6	U	5.0	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Acetone	3.2	J	57		10	U	10	U	10	U
Carbon disulfide	4.8	U	4.6	U	5.0	U	5	U	5	U
Methyl acetate	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Methylene chloride	4.8	UJ	4.6	U	5.0	U	5	U	5	U
trans-1,2-Dichloroethene	4.8	U	4.6	U	5.0	U	5	U	5	U
Methyl tert-butyl ether	4.8	UJ	4.6	U	5.0	U	5	U	5	U
1,1-Dichloroethane	4.8	U	4.6	U	5.0	U	5	U	5	U
cis-1,2-Dichloroethene	4.8	U	4.6	U	5.0	U	5	U	5	U
2-Butanone	9.6	U	9.3	U	10	U	10	U	10	U
Bromochloromethane	4.8	U	4.6	U	5.0	U	5	U	5	U
Chloroform	4.8	U	4.6	U	5.0	U	5	U	5	U
1,1,1-Trichloroethane	4.8	UJ	4.6	UJ	5.0	UJ	5	U	5	UJ
Cyclohexane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Carbon tetrachloride	4.8	UJ	4.6	UJ	5.0	UJ	5	U	5	UJ
Benzene	4.8	U	3.6	J	5.0	U	5	U	5	U
1,2-Dichloroethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
1,4-Dioxane	96	R	93	R	100	R	100	R	100	R
Trichloroethene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
Methylcyclohexane	4.8	UJ	20		5.0	U	5	U	5	U
1,2-Dichloropropane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
Bromodichloromethane	4.8	UJ	4.6	U	5.0	U	5	U	5	U
cis-1,3-Dichloropropene	4.8	UJ	4.6	U	5.0	U	5	U	5	U
4-Methyl-2-pentanone	9.6	U	9.3	U	10	U	10	U	10	U
Toluene	4.8	U	4.6	UJ	5.0	U	5	U	5	U
trans-1,3-Dichloropropene	4.8	UJ	4.6	U	5.0	U	5	U	5	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q8		E00Q9		E00R0		E00R1		E00R2	
Sampling Location :	X214		X215		X216		X217		X121	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/3/2006	
Time Sampled :										
%Moisture :	23		32		17		25		13	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Tetrachloroethene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
2-Hexanone	13	U	15	U	4.6	U	15	U	10	U
Dibromochloromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,2-Dibromoethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Chlorobenzene	6.5	U	7.7	UJ	4.6	U	7.3	UJ	5	UJ
Ethylbenzene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
o-Xylene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
m,p-Xylene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Styrene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Bromoform	6.5	UJ	7.7	UJ	4.6	UJ	7.3	UJ	5	UJ
Isopropylbenzene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,1,2,2-Tetrachloroethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,3-Dichlorobenzene	6.5	U	7.7	UJ	4.6	U	7.3	UJ	5	UJ
1,4-Dichlorobenzene	6.5	U	7.7	UJ	2.9	J	7.3	UJ	5	UJ
1,2-Dichlorobenzene	6.5	U	7.7	UJ	4.6	U	7.3	UJ	5	UJ
1,2-Dibromo-3-chloropropane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,2,4-Trichlorobenzene	6.5	U	7.7	UJ	4.6	U	7.3	UJ	5	UJ
1,2,3-Trichlorobenzene	6.5	U	7.7	UJ	4.6	U	7.3	UJ	5	UJ

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q8		E00Q9		E00R0		E00R1		E00R2	
Sampling Location :	X214		X215		X216		X217		X121	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/3/2006	
Time Sampled :										
%Moisture :	23		32		17		25		13	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Chloromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Vinyl chloride	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Bromomethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Chloroethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Trichlorofluoromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,1-Dichloroethene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.5	U	7	U	4.6	U	7.3	U	5	U
Acetone	18		54		23		17		5.2	J
Carbon disulfide	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Methyl acetate	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Methylene chloride	6.5	U	7.7	U	4.6	U	7.3	U	5	U
trans-1,2-Dichloroethene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Methyl tert-butyl ether	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,1-Dichloroethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
cis-1,2-Dichloroethene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
2-Butanone	13	U	15	U	9.1	U	15	U	10	U
Bromochloromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Chloroform	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,1,1-Trichloroethane	6.5	UJ	7.7	UJ	4.6	UJ	7.3	UJ	5	UJ
Cyclohexane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Carbon tetrachloride	6.5	UJ	7.7	UJ	4.6	UJ	7.3	UJ	5	UJ
Benzene	6.5	U	7.7	U	4.6	UJ	7.3	U	5	U
1,2-Dichloroethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
1,4-Dioxane	130	R	150	R	91	R	150	R	100	R
Trichloroethene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Methylcyclohexane	31		7.7	U	4.6	U	7.3	U	5	U
1,2-Dichloropropane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
Bromodichloromethane	6.5	U	7.7	U	4.6	U	7.3	U	5	U
cis-1,3-Dichloropropene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
4-Methyl-2-pentanone	13	U	15	U	9.1	U	15	U	10	U
Toluene	6.5	U	7.7	U	4.6	U	7.3	U	5	U
trans-1,3-Dichloropropene	6.5	U	7.7	U	4.6	U	7.3	U	5	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q2		E00Q3		E00Q5		E00Q6		E00Q7	
Sampling Location :	X104		X103		X105		X108		X213	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	15		15		8		21		23	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Tetrachloroethene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
2-Hexanone	8.9	U	8.9	U	8.8	U	13	U	14	U
Dibromochloromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2-Dibromoethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Chlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Ethylbenzene	4.5	U	4.4	U	5		6.4	U	6.9	U
o-Xylene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
m,p-Xylene	4.5	U	4.4	U	8.6		6.4	U	6.9	U
Styrene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Bromoform	4.5	UJ	4.4	UJ	4.4	UJ	6.4	UJ	6.9	UJ
Isopropylbenzene	4.5	U	4.4	U	1.1	J	6.4	U	6.9	U
1,1,2,2-Tetrachloroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,3-Dichlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,4-Dichlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2-Dichlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2-Dibromo-3-chloropropane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2,4-Trichlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2,3-Trichlorobenzene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00Q2		E00Q3		E00Q5		E00Q6		E00Q7	
Sampling Location :	X104		X103		X105		X108		X213	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/2/2006		8/2/2006		8/2/2006		8/2/2006		8/2/2006	
Time Sampled :										
%Moisture :	15		15		8		21		23	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Chloromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Vinyl chloride	4.5	UJ	4.4	UJ	4.4	UJ	6.4	U	6.9	U
Bromomethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Chloroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Trichlorofluoromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,1-Dichloroethene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Acetone	14		6.1	J	7.8	J	26		18	
Carbon disulfide	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Methyl acetate	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Methylene chloride	1.2	J	1.4	J	1.3	J	1.5	J	6.9	U
trans-1,2-Dichloroethene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Methyl tert-butyl ether	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,1-Dichloroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
cis-1,2-Dichloroethene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
2-Butanone	8.9	U	8.9	U	8.8	U	13	U	14	U
Bromochloromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Chloroform	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,1,1-Trichloroethane	4.5	U	4.4	U	4.4	U	6.4	UJ	6.9	UJ
Cyclohexane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Carbon tetrachloride	4.5	U	4.4	U	4.4	U	6.4	UJ	6.9	UJ
Benzene	4.5	U	0.49	J	13		6.4	U	6.9	U
1,2-Dichloroethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,4-Dioxane	89	R	89	R	88	R	130	R	140	R
Trichloroethene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Methylcyclohexane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
1,2-Dichloropropane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
Bromodichloromethane	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
cis-1,3-Dichloropropene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
4-Methyl-2-pentanone	8.9	U	8.9	U	8.8	U	13	U	14	U
Toluene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U
trans-1,3-Dichloropropene	4.5	U	4.4	U	4.4	U	6.4	U	6.9	U

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E00P8		E00P9		E00Q0		E00Q1		E00Q1ME	
Sampling Location :	X212		X210		X211		X111			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/2/2006			
Time Sampled :										
%Moisture :	36		21		22		14		14	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Tetrachloroethene	6.6	U	6.0	U	6.8	U	9.8	J	390	
2-Hexanone	13	U	12	U	14	U	10	U	470	U
Dibromochloromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
1,2-Dibromoethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Chlorobenzene	6.6	UJ	6.0	U	6.8	U	5.1	UJ	230	U
Ethylbenzene	6.6	U	6.0	U	6.8	U	150	J	1600	
o-Xylene	6.6	U	6.0	U	6.8	U	210	J	2800	
m,p-Xylene	6.6	U	6.0	U	6.8	U	380	J	4500	
Styrene	6.6	U	6.0	U	6.8	U	5.1	UJ	230	U
Bromoform	6.6	UJ	6.0	UJ	6.8	UJ	5.1	UJ	230	UJ
Isopropylbenzene	6.6	U	6.0	U	6.8	U	19	J	250	
1,1,2,2-Tetrachloroethane	6.6	U	6.0	U	6.8	U	5.1	R	230	U
1,3-Dichlorobenzene	6.6	UJ	6.0	U	6.8	U	5.1	UJ	260	
1,4-Dichlorobenzene	6.6	UJ	6.0	U	6.8	U	47	J	900	
1,2-Dichlorobenzene	6.6	UJ	6.0	U	6.8	U	5.1	UJ	230	U
1,2-Dibromo-3-chloropropane	6.6	U	6.0	U	6.8	U	5.1	R	230	U
1,2,4-Trichlorobenzene	6.6	UJ	6.0	U	6.8	U	78	J	4900	
1,2,3-Trichlorobenzene	6.6	UJ	6.0	U	6.8	U	31	J	1500	

Analytical Results (Qualified Data)

Case #: 35607 SDG : E00P8
Site : ILADA WASTE COMPANY
Lab. : SHEALY
Reviewer :
Date :

Number of Soil Samples : 16
Number of Water Samples : 0
Number of Sediment Samples : 0

Sample Number :	E00P8		E00P9		E00Q0		E00Q1		E00Q1ME	
Sampling Location :	X212		X210		X211		X111			
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/1/2006		8/1/2006		8/1/2006		8/2/2006			
Time Sampled :										
%Moisture :	36		21		22		14		14	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Chloromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Vinyl chloride	6.6	U	6.0	U	6.8	U	1500	J	3700	J
Bromomethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Chloroethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Trichlorofluoromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
1,1-Dichloroethene	6.6	U	6.0	U	6.8	U	5.1	U	230	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Acetone	46	U	17		3.6	J	130		470	U
Carbon disulfide	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Methyl acetate	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Methylene chloride	6.6	U	6.0	U	6.8	U	5.1	U	230	U
trans-1,2-Dichloroethene	6.6	U	6.0	U	6.8	U	2	J	70	J
Methyl tert-butyl ether	6.6	U	6.0	U	6.8	U	5.1	U	50	J
1,1-Dichloroethane	6.6	U	6.0	U	6.8	U	1600	J	4200	
cis-1,2-Dichloroethene	6.6	U	6.0	U	6.8	U	47		7300	
2-Butanone	14		12	U	14	U	54		470	U
Bromochloromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Chloroform	6.6	U	6.0	U	6.8	U	5.1	U	230	U
1,1,1-Trichloroethane	6.6	UJ	6.0	UJ	6.8	UJ	5.1	UJ	230	UJ
Cyclohexane	6.6	U	6.0	U	6.8	U	110		1200	
Carbon tetrachloride	6.6	UJ	6.0	UJ	6.8	UJ	5.1	UJ	230	U
Benzene	6.6	U	6.0	U	6.8	U	400	J	1300	J
1,2-Dichloroethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
1,4-Dioxane	130	R	120	R	140	R	100	R	4700	R
Trichloroethene	6.6	U	6.0	U	6.8	U	15	J	1400	
Methylcyclohexane	6.6	U	6.0	U	6.8	U	170		2700	
1,2-Dichloropropane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
Bromodichloromethane	6.6	U	6.0	U	6.8	U	5.1	U	230	U
cis-1,3-Dichloropropene	6.6	U	6.0	U	6.8	U	5.1	U	230	U
4-Methyl-2-pentanone	13	U	12	U	14	U	910	J	470	U
Toluene	6.6	U	6.0	U	6.8	U	650	J	4800	
trans-1,3-Dichloropropene	6.6	U	6.0	U	6.8	U	5.1	U	230	U

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=SBLK66 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.422	2500	ug/kg	J
	Unknown-01	9.979	88		J
112-84-5	13-Docosenamide, (Z)-	17.205	71		NJ
	Unknown-02	17.718	81		J
	Unknown-03	17.777	72		J
	Unknown-04	18.146	110		J
	Unknown-05	18.275	110		J
	Unknown-06	18.339	67		J
	Unknown-07	18.414	130		J
	Unknown-08	18.494	120		J
	Unknown-09	18.564	91		J
	Unknown-10	18.638	71		J
	Unknown-11	18.735	99		J
	Unknown-12	18.756	75		J
	Unknown-13	18.879	76		J
	Unknown-14	19.024	80		J
	Unknown-15	19.098	88		J
	Unknown-16	19.425	160		J
	Unknown-17	19.692	95		J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=SBLK54 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.363	7600	ug/kg	J
	Unknown-01	8.818	69		J
	Unknown-02	12.215	190		J
	Unknown-03	13.579	84		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=SBLK01 Location=No_TR_data Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
108-88-3	Toluene	3.959	77	ug/kg	NJ
	Unknown Aldol Condensate	4.873	2700		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R5 Location=X230 Matrix=SOIL Level=Low

	Unknown-15	18.168	240	J
629-97-0	Docosane	18.408	210	NJ
	Unknown-16	18.703	200	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R5 Location=X230 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown Aldol Condensate	4.411	1900	ug/kg	J
	Unknown-01	13.669	210		J
	Unknown-02	13.803	210		J
	Unknown-03	14.092	220		J
	Unknown-04	14.397	160		J
243-42-5	Benzo[b]naphtho[2,3-d]furan	14.584	160		NJ
33543-31-6	Fluoranthene, 2-methyl-	14.814	240		NJ
243-17-4	11H-Benzo[b]fluorene	14.975	140		NJ
	Unknown-05	15.114	180		J
3353-12-6	Pyrene, 4-methyl-	15.247	150		NJ
	Unknown-06	15.376	150		J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	15.451	190		NJ
	Unknown-07	15.504	200		J
82-05-3	7H-Benz[de]anthracen-7-one	15.675	230		NJ
	Unknown-08	15.761	170		J
	Unknown-09	15.862	350		J
629-92-5	Nonadecane	15.959	290		NJ
	Unknown-10	16.06	150		J
	Unknown-11	16.595	140		J
3697-24-3	Chrysene, 6-methyl-	16.702	180		NJ
13475-76-8	Docosane, 11-butyl-	16.82	200		NJ
	Unknown-12	17.028	180		J
629-62-9	Pentadecane	17.226	270		NJ
62951-96-6	1,5,9-Undecatriene, 2,6,10-trimethyl-, (	17.323	230		NJ
13475-75-7	Pentadecane, 8-hexyl-	17.622	280		NJ
	Unknown-13	17.718	210		J
	Unknown-14	17.82	210		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R4 Location=X113 Matrix=SOIL Level=Low

	Unknown-22	18.537	27000	J D
	Unknown-23	18.644	22000	J D
36728-72-0	28-Nor-17.beta.(H)-hopane	18.729	28000	NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R4 Location=X113 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	11.712	61000	ug/kg	NJ D
	Unknown-01	16.403	60000		J D
	Unknown-02	16.547	56000		J D
544-77-4	Hexadecane, 1-iodo-	16.638	61000		NJ D
	Unknown-03	16.745	42000		J D
	Unknown-04	16.841	78000		J D
629-97-0	Docosane	16.97	90000		NJ D
	Unknown-05	17.044	53000		J D
	Unknown-06	17.087	51000		J D
	Unknown-07	17.119	61000		J D
	Unknown-08	17.167	23000		J D
	Unknown-09	17.296	25000		J D
	Unknown-10	17.333	26000		J D
	Unknown-11	17.424	33000		J D
	Unknown-12	17.483	18000		J D
	Unknown-13	17.499	38000		J D
1000147-83-0	5a,14b,17b-Cholestane	17.644	28000		NJ D
630-01-3	Hexacosane	17.681	27000		NJ D
	Unknown-14	17.74	57000		J D
	Unknown-15	17.836	33000		J D
	Unknown-16	17.89	30000		J D
192-97-2	Benzo[e]pyrene	17.916	22000		NJ D
	Unknown-17	18.189	45000		J D
	Unknown-18	18.248	17000		J D
	Unknown-19	18.307	26000		J D
	Unknown-20	18.371	35000		J D
	Unknown-21	18.44	14000		J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R3 Location=X120 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	12.728	83	J
593-49-7	Heptacosane	17.622	89	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R2 Location=X121 Matrix=SOIL Level=Low

Unknown-21	18.702 290	J
Unknown-22	18.852 160	J
Unknown-23	19.104 240	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R2 Location=X121 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	13.669	160	J
1330-86-5	Diisooctyl adipate	15.45	470	NJ
629-94-7	Heneicosane	15.953	140	NJ
	Unknown-02	16.023	160	J
7098-22-8	Tetratetracontane	16.82	150	NJ
	Unknown-03	16.895	230	J
	Unknown-04	17.039	140	J
	Unknown-05	17.114	170	J
	Unknown-06	17.21	300	J
	Unknown-07	17.317	190	J
	Unknown-08	17.397	180	J
	Unknown-09	17.467	220	J
	Unknown-10	17.51	170	J
	Unknown-11	17.563	200	J
630-02-4	Octacosane	17.622	330	NJ
	Unknown-12	17.718	260	J
	Unknown-13	17.756	210	J
	Unknown-14	17.82	210	J
	Unknown-15	17.868	170	J
	Unknown-16	18.098	250	J
36441-74-4	Baccharane	18.162	320	NJ
	Unknown-17	18.226	170	J
	Unknown-18	18.344	310	J
646-31-1	Tetracosane	18.408	250	NJ
	Unknown-19	18.51	380	J
	Unknown-20	18.628	190	J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R1 Location=X217 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
			ug/kg	
	Unknown-01	10.511	270	J
295-65-8	Cyclohexadecane	16.522	250	NJ
2425-77-6	1-Decanol, 2-hexyl-	17.416	350	NJ
	Unknown-02	18.455	350	J
198-55-0	Perylene	18.859	180	NJ
112-95-8	Eicosane	19.705	680	NJ
	Unknown-03	21.436	310	J
	Unknown-04	21.912	330	J
	Unknown-05	22.268	340	J
	Unknown-06	22.446	290	J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00R0 Location=X216 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
71-43-2	Benzene	2.723	1400	ug/kg	NJ
	Unknown-02	10.513	120		J
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	12.158	86		NJ
	Unknown-03	12.754	120		J
4612-63-9	9H-Fluorene, 2,3-dimethyl-	13.25	82		NJ
	Unknown-04	13.293	150		J
	Unknown-05	14.226	160		J
	Unknown-06	14.577	82		J
	Unknown-07	15.572	90		J
	Unknown-08	17.419	93		J
	Unknown-09	17.871	87		J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q9 Location=X215 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-02	10.51	160	J
134-62-3	Diethyltoluamide	11.529	1700	NJ
2416-20-8	Hexadecenoic acid, Z-11-	13.698	120	NJ
57-10-3	n-Hexadecanoic acid	13.794	190	NJ
	Unknown-03	14.232	270	J
150-86-7	Phytol	14.655	140	NJ
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	16.026	220	NJ
62016-79-9	Heptacosane, 1-chloro-	16.526	240	NJ
7098-21-7	Tritetracontane	17.415	460	NJ
	Unknown-04	17.882	190	J
111-02-4	2,6,10,14,18,22-Tetracosahexaene, 2,6,10	18.017	260	NJ
	Unknown-05	18.459	240	J
112-95-8	Eicosane	19.709	670	NJ
18277-85-5	Chloroacetic acid, tridecyl ester	19.781	140	NJ
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	20.416	410	NJ
	Unknown-06	20.536	230	J
	Unknown-07	20.772	140	J
	Unknown-08	21.373	270	J
	Unknown-09	21.44	220	J
	Unknown-10	21.618	330	J
	Unknown-11	21.941	350	J
	Unknown-12	22.066	200	J
83-46-5	.beta.-Sitosterol	22.277	1300	NJ
	Unknown-13	22.441	250	J
	Unknown-14	23.061	330	J
	Unknown-15	23.917	370	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q8 Location=X214 Matrix=SOIL Level=Low

Unknown-26	13.716	600	J
Unknown-27	14.115	390	J
Unknown-28	14.505	620	J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q8 Location=X214 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-02	9.47	440	J
1795-15-9	Cyclohexane, octyl-	10.615	420	NJ
	Unknown-03	10.725	450	J
	Unknown-04	10.86	410	J
	Unknown-05	11.197	390	J
	Unknown-06	11.365	830	J
	Unknown-07	11.447	410	J
	Unknown-08	11.509	390	J
	Unknown-09	11.629	670	J
	Unknown-10	11.677	370	J
	Unknown-11	12.072	770	J
	Unknown-12	12.129	670	J
	Unknown-13	12.206	520	J
	Unknown-14	12.269	800	J
	Unknown-15	12.312	800	J
	Unknown-16	12.365	510	J
	Unknown-17	12.403	720	J
	Unknown-18	12.461	1000	J
	Unknown-19	12.509	440	J
295-48-7	Cyclopentadecane	12.553	460	NJ
	Unknown-20	12.74	830	J
	Unknown-21	12.87	570	J
	Unknown-22	12.981	420	J
	Unknown-23	13.394	820	J
	Unknown-24	13.562	490	J
	Unknown-25	13.639	510	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q7 Location=X213 Matrix=SOIL Level=Low

	Unknown-23	14.505	950	J
	Unknown-24	15.005	970	J
	Unknown-25	15.568	1100	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q7 Location=X213 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	10.283	480	J
61142-68-5	Cyclopentane, 1-hexyl-3-methyl-	10.908	510	NJ
	Unknown-02	11.197	510	J
	Unknown-03	11.37	710	J
	Unknown-04	11.586	490	J
	Unknown-05	11.634	550	J
	Unknown-06	12.077	1000	J
	Unknown-07	12.13	1000	J
	Unknown-08	12.211	720	J
	Unknown-09	12.269	1000	J
	Unknown-10	12.312	1000	J
	Unknown-11	12.404	850	J
	Unknown-12	12.462	1200	J
295-48-7	Cyclopentadecane	12.553	880	NJ
	Unknown-13	12.644	820	J
	Unknown-14	12.74	730	J
	Unknown-15	12.87	780	J
31035-07-1	9-Nonadecene	13.26	870	NJ
	Unknown-16	13.327	710	J
	Unknown-17	13.394	880	J
112-88-9	1-Octadecene	13.568	860	NJ
	Unknown-18	13.645	780	J
	Unknown-19	13.721	910	J
	Unknown-20	13.976	960	J
	Unknown-21	14.097	770	J
	Unknown-22	14.395	830	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q6 Location=X108 Matrix=SOIL Level=Low

16587-52-3	Dibenzothiophene, 3-methyl-	13.609	1200	NJ
	Unknown-22	13.719	1200	J
3674-66-6	Phenanthrene, 2,5-dimethyl-	14.46	810	NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q6 Location=X108 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	10.603	1500	J
629-62-9	Pentadecane	10.897	1200	NJ
	Unknown-02	11.382	1400	J
544-76-3	Hexadecane	11.604	2000	NJ
55045-11-9	Tridecane, 5-propyl-	11.921	2900	NJ
3031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	12.036	1300	NJ
	Unknown-03	12.089	1000	J
	Unknown-04	12.142	800	J
	Unknown-05	12.229	760	J
	Unknown-06	12.301	2400	J
	Unknown-07	12.426	910	J
	Unknown-08	12.484	1200	J
	Unknown-09	12.541	910	J
	Unknown-10	12.585	1000	J
	Unknown-11	12.666	1100	J
	Unknown-12	12.762	840	J
	Unknown-13	12.787	870	J
	Unknown-14	12.854	720	J
	Unknown-15	12.897	900	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.95	1200	NJ
	Unknown-16	13.003	960	J
	Unknown-17	13.032	760	J
	Unknown-18	13.291	930	J
	Unknown-19	13.344	750	J
	Unknown-20	13.426	1100	J
	Unknown-21	13.493	890	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q5 Location=X105 Matrix=SOIL Level=Low

629-92-5	Nonadecane	13.466	6400		NJ D
112-95-8	Eicosane	14.034	3300		NJ D
629-78-7	Heptadecane	14.577	3600		NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q5 Location=X105 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
112-40-3	Dodecane	8.513	3800	ug/kg	NJ D
629-50-5	Tridecane	9.355	5300		NJ D
3891-98-3	Dodecane, 2,6,10-trimethyl-	9.951	3100		NJ D
629-59-4	Tetradecane	10.139	7800		NJ D
	Unknown-01	10.586	6500		J D
629-62-9	Pentadecane	10.884	12000		NJ D
	Unknown-02	11.331	3800		J D
	Unknown-03	11.36	4300		J D
941-81-1	Azulene, 4,6,8-trimethyl-	11.499	4000		NJ D
544-76-3	Hexadecane	11.586	14000		NJ D
	Unknown-04	11.629	3700		J D
	Unknown-05	11.673	3400		J D
3892-00-0	Pentadecane, 2,6,10-trimethyl-	11.894	14000		NJ D
	Unknown-06	11.923	3000		J D
25117-26-4	Hexadecane, 4-methyl-	11.966	3800		NJ D
	Unknown-07	12.004	5500		J D
	Unknown-08	12.062	5800		J D
	Unknown-09	12.173	4200		J D
629-59-4	Tetradecane	12.25	12000		NJ D
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	12.269	13000		NJ D
490-65-3	Naphthalene, 1-methyl-7-(1-methylethyl)-	12.399	3400		NJ D
629-59-4	Tetradecane	12.514	4300		NJ D
	Unknown-10	12.562	4800		J D
	Unknown-11	12.605	2800		J D
	Unknown-12	12.644	3000		J D
544-76-3	Hexadecane	12.87	7400		NJ D
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.918	6400		NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q3 Location=X103 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	9.117	120	J
629-50-5	Tridecane	9.353	210	NJ
	Unknown-02	9.81	110	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	9.949	170	NJ
629-59-4	Tetradecane	10.137	340	NJ
	Unknown-03	10.185	190	J
	Unknown-04	10.517	170	J
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	10.584	120	NJ
	Unknown-05	10.613	87	J
629-62-9	Pentadecane	10.877	210	NJ
544-76-3	Hexadecane	11.574	140	NJ
629-78-7	Heptadecane	12.238	160	NJ
	Unknown-06	12.863	100	J
84-69-5	1,2-Benzenedicarboxylic acid, bis(2-meth	13.296	220	NJ
	Unknown-07	14.234	350	J
85385-68-8	[14]Annulene, 1,6:8,13-bis(methano)-, sy	14.57	110	NJ
	Unknown-08	15.595	110	J
	Unknown-09	15.95	120	J
1330-86-5	Diisooctyl adipate	16.027	470	NJ
	Unknown-10	16.532	140	J
	Unknown-11	16.97	99	J
	Unknown-12	17.105	88	J
	Unknown-13	17.206	95	J
544-76-3	Hexadecane	17.417	120	NJ
	Unknown-14	17.874	110	J
	Unknown-15	20.182	140	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q2 Location=X104 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	6.71	150	J
629-59-4	Tetradecane	10.138	100	NJ
	Unknown-02	10.513	99	J
	Unknown-03	14.812		

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q1 Location=X111 Matrix=SOIL Level=Low

	Unknown-11	16.679	6200	J D
1560-88-9	Octadecane, 2-methyl-	17.116	5400	NJ D
544-77-4	Hexadecane, 1-iodo-	17.564	6500	NJ D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q1 Location=X111 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration	Lab Qualifier
1120-21-4	Undecane	7.605	4600 ug/kg	NJ D
112-40-3	Dodecane	8.504	5000	NJ D
629-50-5	Tridecane	9.345	7400	NJ D
629-59-4	Tetradecane	10.134	6000	NJ D
629-62-9	Pentadecane	10.875	7700	NJ D
544-76-3	Hexadecane	11.572	6800	NJ D
	Unknown-01	11.885	4500	J D
629-78-7	Heptadecane	12.236	14000	NJ D
776-35-2	Phenanthrene, 9,10-dihydro-	12.519	3200	NJ D
55045-08-4	Dodecane, 2-methyl-6-propyl-	12.861	5600	NJ D
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.904	2900	NJ D
629-92-5	Nonadecane	13.462	7700	NJ D
112-95-8	Eicosane	14.034	3600	NJ D
	Unknown-02	14.577	4700	J D
605-02-7	Naphthalene, 1-phenyl-	14.765	8200	NJ D
	Unknown-03	14.876	3300	J D
	Unknown-04	14.967	6000	J D
	Unknown-05	15.356	10000	J D
	Unknown-06	15.409	4800	J D
638-67-5	Tricosane	15.597	7400	NJ D
629-97-0	Docosane	15.655	7900	NJ D
3442-78-2	Pyrene, 2-methyl-	15.741	8800	NJ D
	Unknown-07	15.775	10000	J D
	Unknown-08	15.89	6900	J D
112-95-8	Eicosane	15.948	5400	NJ D
	Unknown-09	16.222	8100	J D
	Unknown-10	16.506	4900	J D

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00Q0 Location=X211 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg		Lab Qualifier
134-62-3	Diethyltoluamide	11.53	1200		NJ
84-69-5	1,2-Benzenedicarboxylic acid, bis(2-meth	13.294	120		NJ
	Unknown-01	14.232	330		J
103-23-1	Hexanedioic acid, bis(2-ethylhexyl) este	16.026	500		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00P9 Location=X210 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
	Unknown-01	10.515	140	J
134-62-3	Diethyltoluamide	11.535	1800	NJ
84-69-5	1,2-Benzenedicarboxylic acid, bis(2-meth	13.295	140	NJ
	Unknown-02	14.232	330	J
	Unknown-03	15.579	120	J
	Unknown-04	16.526	87	J
3650-28-0	1,4-Methano-1H-indene, octahydro-4-methy	16.68	220	NJ
1560-93-6	Pentadecane, 2-methyl-	17.416	100	NJ
	Unknown-05	19.301	130	J
7098-22-8	Tetratetracontane	19.71	200	NJ
	Unknown-06	21.917	92	J
	Unknown-07	22.273	150	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

BNA Sample=E00P8 Location=X212 Matrix=SOIL Level=Low

CAS No.	Compound Name	RT (mins)	Concentration ug/kg	Lab Qualifier
593-49-7	Heptacosane	11.573	110	NJ
616-55-7	Phenol, 4,6-di(1,1-dimethylethyl)-2-meth	11.89	180	NJ
629-78-7	Heptadecane	12.237	150	NJ
	Unknown-01	13.963	120	J
	Unknown-02	15.574	180	J
3353-12-6	Pyrene, 4-methyl-	15.738	110	NJ
	Unknown-03	16.478	220	J
	Unknown-04	16.531	250	J
	Unknown-05	16.973	110	J
62016-76-6	Nonadecane, 1-chloro-	17.421	340	NJ
	Unknown-06	17.55	140	J
	Unknown-07	18.459	300	J
	Unknown-08	18.589	210	J
198-55-0	Perylene	18.868	210	NJ
	Unknown-09	19.306	240	J
593-45-3	Octadecane	19.71	870	NJ
	Unknown-10	20.186	580	J
	Unknown-11	20.421	360	J
	Unknown-12	20.787	280	J
	Unknown-13	20.883	470	J
	Unknown-14	21.628	370	J
	Unknown-15	21.797	220	J
83-46-5	beta.-Sitosterol	22.282	1600	NJ
	Unknown-16	22.451	360	J
	Unknown-17	23.057	220	J
	Unknown-18	23.225	260	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00R4 Location=X113 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	7.901	15	ug/kg	J
	Unknown-02	8.351	14		J
	Unknown-03	9.026	15		J
6236-88-0	Cyclohexane, 1-ethyl-4-methyl-, trans-	9.458	17		NJ
	Unknown-04	9.817	23		J
	Unknown-05	10.151	17		J
	Unknown-06	10.407	17		J
589-90-2	Cyclohexane, 1,4-dimethyl-	10.516	15		NJ
124-18-5	Decane	10.607	33		NJ
	Unknown-07	10.692	19		J
2847-72-5	Decane, 4-methyl-	10.863	71		NJ
1678-98-4	Cyclohexane, (2-methylpropyl)-	11.07	120		NJ
	Unknown-08	11.58	100		J
	Unknown-09	11.732	58		J
	Unknown-10	11.824	76		J
	Unknown-11	11.988	33		J
	Unknown-12	12.152	46		J
	Unknown-13	12.353	60		J
	Unknown-14	12.468	65		J
	Unknown-15	12.657	87		J
	Unknown-16	12.857	23		J
	Unknown-17	13.046	25		J
	Unknown-18	13.277	18		J
5617-41-4	Heptylcyclohexane	13.417	59		NJ
	Unknown-19	13.642	19		J
	Unknown-20	13.782	16		J
	Unknown-21	13.982	21		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00R0 Location=X216 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	9.387	6.6	ug/kg	J
	Unknown-02	9.612	59		J
	Unknown-03	9.776	20		J
	Unknown-04	10.038	54		J
	Unknown-05	10.585	6.5		J
	Unknown-06	11.066	7.1		J
	Unknown-07	11.57	7.6		J
	Unknown-08	11.814	9.2		J
	Unknown-09	11.99	4.6		J
	Unknown-10	12.16	9.5		J
66633-38-3	Cyclodecene, 1-methyl-	12.47	6.8		NJ
	Unknown-11	12.793	5.1		J
	Unknown-12	12.896	14		J
	Unknown-13	13.091	13		J
	Unknown-14	13.328	11		J
	Unknown-15	13.437	4.9		J
	Unknown-16	13.468	12		J
	Unknown-17	13.632	10		J
	Unknown-18	13.754	20		J
	Unknown-19	13.96	41		J
	Unknown-20	14.173	21		J
	Unknown-21	14.349	16		J
	Unknown-22	14.532	6.3		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q9 Location=X215 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	12.859	10	ug/kg	J
	Unknown-02	13.048	12		J
	Unknown-03	13.163	18		J
	Unknown-04	13.328	18		J
	Unknown-05	13.419	30		J
	Unknown-06	13.699	35		J
	Unknown-07	13.96	14		J
	Unknown-08	14.246	21		J
	Unknown-09	14.38	11		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q8 Location=X214 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	8.092	180	ug/kg	J
7667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	8.354	160		NJ
	Unknown-02	8.591	110		J
	Unknown-03	9.029	81		J
2207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	9.162	160		NJ
4926-78-7	Cyclohexane, 1-ethyl-4-methyl-, cis-	9.467	450		NJ
696-29-7	Cyclohexane, (1-methylethyl)-	9.685	110		NJ
	Unknown-04	9.911	640		J
	Unknown-05	10.409	100		J
	Unknown-06	10.525	100		J
6069-98-3	Cyclohexane, 1-methyl-4-(1-methylethyl)-	10.701	140		NJ
	Unknown-07	10.884	130		J
	Unknown-08	11.017	350		J
	Unknown-09	11.522	180		J
	Unknown-10	11.674	250		J
	Unknown-11	11.826	330		J
	Unknown-12	11.99	190		J
	Unknown-13	12.13	57		J
	Unknown-14	12.24	130		J
	Unknown-15	12.367	250		J
	Unknown-16	12.471	440		J
	Unknown-17	12.659	440		J
	Unknown-18	12.86	340		J
	Unknown-19	13.024	440		J
	Unknown-20	13.328	170		J
5617-41-4	Heptylcyclohexane	13.419	160		NJ

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q7 Location=X213 Matrix=SOIL Level=Medium

Unknown-22	13.937	110	J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q7 Location=X213 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	8.093	71	ug/kg	J
7667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	8.349	43		NJ
1000113-87-1	trans-1,3-Diethylcyclopentane	9.164	42		NJ
4923-78-8	Cyclohexane, 1-ethyl-2-methyl-, trans-	9.462	140		NJ
696-29-7	Cyclohexane, (1-methylethyl)-	9.687	38		NJ
	Unknown-02	9.912	230		J
	Unknown-03	10.41	100		J
	Unknown-04	10.587	84		J
4291-79-6	Cyclohexane, 1-methyl-2-propyl-	10.696	120		NJ
	Unknown-05	10.878	110		J
	Unknown-06	11.018	370		J
	Unknown-07	11.578	160		J
	Unknown-08	11.675	230		J
	Unknown-09	11.858	310		J
	Unknown-10	11.991	160		J
	Unknown-11	12.143	71		J
	Unknown-12	12.235	130		J
	Unknown-13	12.368	200		J
	Unknown-14	12.472	250		J
	Unknown-15	12.569	130		J
	Unknown-16	12.654	420		J
	Unknown-17	12.922	320		J
	Unknown-18	13.05	200		J
	Unknown-19	13.159	620		J
5617-41-4	Heptylcyclohexane	13.42	220		NJ
	Unknown-20	13.542	160		J
	Unknown-21	13.639	420		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q6 Location=X108 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	9.027	7.2	ug/kg	J
4923-78-8	Cyclohexane, 1-ethyl-2-methyl-, trans-	9.458	9.9		NJ
	Unknown-02	9.823	12		J
	Unknown-03	10	15		J
	Unknown-04	10.443	7.8		J
	Unknown-05	10.863	6.4		J
	Unknown-06	11.538	7.8		J
	Unknown-07	11.897	7.7		J
	Unknown-08	11.994	6.9		J
	Unknown-09	13.636	11		J
	Unknown-10	13.983	12		J
	Unknown-11	14.183	7.1		J
	Unknown-12	14.275	8.2		J
	Unknown-13	14.433	8.6		J

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Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q5 Location=X105 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
110-01-0	Thiophene, tetrahydro-	7.87	60	ug/kg	NJ
5911-04-6	Nonane, 3-methyl-	9.773	20		NJ
	Unknown-01	10.15	11		J
	Unknown-02	10.406	11		J
624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	10.521	51		NJ
611-14-3	Benzene, 1-ethyl-2-methyl-	10.722	19		NJ
	Unknown-03	10.862	43		J
	Unknown-04	11.063	120		J
	Unknown-05	11.33	15		J
	Unknown-06	11.677	27		J
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.738	36		NJ
	Unknown-07	11.823	100		J
2958-76-1	Naphthalene, decahydro-2-methyl-	12.054	82		NJ
	Unknown-08	12.151	98		J
	Unknown-09	12.358	140		J
	Unknown-10	12.461	140		J
	Unknown-11	12.717	200		J
	Unknown-12	12.857	150		J
629-50-5	Tridecane	13.027	220		NJ
	Unknown-13	13.294	64		J
	Unknown-14	13.386	240		J
	Unknown-15	13.854	18		J
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	13.957	73		NJ
1127-76-0	Naphthalene, 1-ethyl-	14.097	69		NJ
581-40-8	Naphthalene, 2,3-dimethyl-	14.267	62		NJ
571-58-4	Naphthalene, 1,4-dimethyl-	14.535	8.4		NJ

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q3 Location=X103 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown-01	11.103	5.5	ug/kg	J
	Unknown-02	11.577	6.0		J
	Unknown-03	11.82	5.6		J
	Unknown-04	12.355	5.9		J
	Unknown-05	12.465	4.8		J
	Unknown-06	12.751	4.8		J
	Unknown-07	13.024	7.5		J

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q1ME Location=No_TR_data Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.041	730	ug/kg	NJ
	Unknown-01	8.351	880		J
	Unknown-02	9.196	1600		J
1678-92-8	Cyclohexane, propyl-	9.823	1400		NJ
	Unknown-03	10.376	820		J
620-14-4	Benzene, 1-ethyl-3-methyl-	10.467	6900		NJ
611-14-3	Benzene, 1-ethyl-2-methyl-	10.723	1900		NJ
526-73-8	Benzene, 1,2,3-trimethyl-	10.875	3700		NJ
95-13-6	Indene	11.525	2900		NJ
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.683	1700		NJ
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.738	2100		NJ
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.951	3900		NJ
527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.024	3200		NJ
	Unknown-04	12.127	4300		J
824-90-8	1-Phenyl-1-butene	12.352	5000		NJ
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.462	5000		NJ
91-20-3	Naphthalene	12.772	3500		NJ
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	13.167	7400		NJ
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	13.38	2000		NJ
90-12-0	Naphthalene, 1-methyl-	13.514	6100		NJ
22531-20-0	Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	13.739	1900		NJ
480-72-8	Acenaphthylene, 1,2,2a,3,4,5-hexahydro-	13.946	4900		NJ
582-16-1	Naphthalene, 2,7-dimethyl-	14.171	1200		NJ
582-16-1	Naphthalene, 2,7-dimethyl-	14.268	1600		NJ

National Functional Guidelines Report # 9

Lab SHEALY (Shealy Environmental Services) **SDG** E00P8 **Case** 35607 **Contract** EPW05031 **Region** 5 **DDTID** 32280

Tentatively identified Compounds

VOA_Low_Med Sample=E00Q1 Location=X111 Matrix=SOIL Level=Medium

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
592-27-8	Heptane, 2-methyl-	6.347	65	ug/kg	NJ
111-84-2	Nonane	9.205	130		NJ
1678-92-8	Cyclohexane, propyl-	9.82	120		NJ
	Unknown-01	10.185	37		J
611-14-3	Benzene, 1-ethyl-2-methyl-	10.47	120		NJ
611-14-3	Benzene, 1-ethyl-2-methyl-	10.72	27		NJ
108-67-8	Benzene, 1,3,5-trimethyl-	10.872	67		NJ
	Unknown-02	11.012	69		J
1120-21-4	Undecane	11.583	120		NJ
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.681	53		NJ
	Unknown-03	11.82	59		J
13395-76-1	Cyclohexanone, 2,3-dimethyl-	11.991	70		NJ
824-90-8	1-Phenyl-1-butene	12.24	38		NJ
	Unknown-04	12.356	87		J
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.465	46		NJ
91-20-3	Naphthalene	12.775	57		NJ
	Unknown-05	12.854	15		J
629-50-5	Tridecane	13.031	51		NJ
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.17	21		NJ
	Unknown-06	13.249	17		J
	Unknown-07	13.383	26		J
90-12-0	Naphthalene, 1-methyl-	13.511	36		NJ
91-57-6	Naphthalene, 2-methyl-	13.627	51		NJ
827-54-3	Naphthalene, 2-ethenyl-	13.979	19		NJ
581-40-8	Naphthalene, 2,3-dimethyl-	14.095	17		NJ

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Aroclor-1260
E00Q1, E00Q1RX, E00Q5, E00Q5RX

The relative percent difference between analyte results for the following aroclor samples is greater than 25%. The detected results were less than 25% the CRQL. Results were elevated to the CRQL. Detected results were qualified "U".

E00R3
Aroclor-1260

The following Aroclor samples are re-extracted and reanalyzed.

E00P8RX, E00P9RX, E00Q0RX, E00Q1RX, E00Q2RX, E00Q3RX, E00Q5RX, E00Q6RX, E00Q7RX, E00Q8RX, E00Q9RX, E00R0RX, E00R1RX, E00R2RX, E00R3RX, E00R4RX, E00R5RX

E00R2RE
Endosulfan I, Endosulfan II, 4,4'-DDD, Methoxychlor, Endrin-aldehyde, Toxaphene

E00R3
Endrin

E00R3RE
Endrin, 4,4'-DDT, Endrin aldehyde

E00R4
Alpha-BHC, Endrin ketone

E00R4RE
Heptachlor, Endrin ketone

E00R5
Dieldrin, Endosulfan sulfate, Methoxychlor

E00R5RE
Endosulfan I, Dieldrin, Endosulfan sulfate, Methoxychlor, Endrin ketone, Endrin aldehyde, gamma-Chlordane

PBLK65, PBLK65RE, PLCS65
Methoxychlor

The following Pesticide sample was reported incorrectly on the Form 1. The laboratory reported the results for water instead of soil. This reviewer corrected the spreadsheets to reflect the correct results.

E00Q9

The following pesticide samples are re-injected and reanalyzed.

E00P8RE, E00P9RE, E00Q0RE, E00Q1RE, E00Q2RE, E00Q3RE, E00Q6RE, E00Q7RE, E00Q8RE, E00R0RE, E00R1RE, E00R2RE

The following Aroclor samples have analytes that exceeded the instruments calibration range. For any analyte that exceeded the calibration range the results are qualified as estimated "J". The results from the E00Q1RXDL and E00R4RXDL sample should be considered the final concentration.

E00Q6
Alpha-BHC, Heptachlor, Heptachlor epoxide, 4,4'-DDD, Methoxychlor, Endrin ketone

E00Q6RE
Aldrin, 4,4'-DDE, 4,4'-DDD, Methoxychlor

E00Q7
4,4'-DDT, Methoxychlor, Endrin aldehyde, gamma Chlordane

E00Q7RE
Delta-BHC, 4,4'-DDD, 4,4'-DDT, Endrin aldehyde, gamma Chlordane

E00Q8
Beta-BHC, Heptachlor epoxide, Dieldrin, Endrin, Endosulfan II, Methoxychlor, Endrin aldehyde, gamma Chlordane

E00Q8RE
Heptachlor, Heptachlor epoxide, Endrin, Endosulfan II, Methoxychlor, Endrin aldehyde, gamma Chlordane

E00Q9
Dieldrin, 4,4'-DDD, gamma-Chlordane

E00R0
Heptachlor, Heptachlor epoxide, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Methoxychlor, alpha-Chlordane, gamma-Chlordane

E00R0RE
Heptachlor, Endosulfan II, Endosulfan sulfate, Methoxychlor, gamma-Chlordane, Toxaphene

E00R1
Endrin, alpha-Chlordane, gamma-Chlordane, Toxaphene

E00R1RE
Gamma-Chlordane

E00R2
Endosulfan I, 4,4'-DDD, 4,4'-DDT, Endrin aldehyde

Results were elevated to the CRQL. Detected results were qualified "UJ" because of poor GPC calibration recoveries. Endosulfan sulfate in sample E00P8, E00R0 and E00R5 is qualified "R" due to poor LCS recoveries.

E00P8
Heptachlor epoxide, 4,4'-DDE, Endosulfan II, Endosulfan sulfate, gamma-Chlordane

E00P8RE
Delta-BHC, 4,4'-DDE, Endosulfan II, Endosulfan sulfate

E00P9
Delta-BHC, Aldrin, 4,4'-DDE, Methoxychlor, Endrin ketone

E00P9RE
Delta-BHC, Aldrin, 4,4'-DDE, Endrin ketone

E00Q0, E00Q0RE
Endosulfan II

E00Q1
Alpha-BHC, delta-BHC, gamma-Chlordane

E00Q1RE
Endosulfan I, alpha-Chlordane, gamma-Chlordane

E00Q2
Heptachlor epoxide, Dieldrin, Endosulfan II, Methoxychlor, alpha-Chlordane

E00Q2RE
4,4'-DDE, Endosulfan II, Methoxychlor, alpha-Chlordane

E00Q3
4,4'-DDE, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde

E00Q3RE
Heptachlor epoxide, Dieldrin, 4,4'-DDT, Endrin aldehyde, gamma Chlordane

E00Q5
4,4'-DDE, Endosulfan II, Methoxychlor, Endrin ketone, gamma Chlordane

The following Volatile sample has analytes that exceeded the instruments calibration range for low level. For any analyte that exceeded the calibration range the results are qualified as estimated "J". The results from the medium level (E00Q1ME) sample should be considered the final concentrations.

E00Q1
Vinyl Chloride, 1,1-Dichloroethane, Benzene, 4-Methyl-2-pentanone, Toluene, o-Xylene, m,p-Xylene

The following volatile samples reported a semivolatile target analyte as a Volatile TIC. Both compounds were detected in the semivolatile fraction of sample E00Q1; therefore, no problem with the analyte identifications is suspected.

SAMPLE	COMPOUND	CAS number
E00Q1	2-Methylnaphthalene	91-57-6
E00Q1	Naphthalene	91-20-3
E00Q1ME	Naphthalene	91-20-3

The following semivolatile samples reported a volatile target analyte as a Semivolatile TIC. Benzene was not detected in the volatile fraction of sample E00R0; the non-detected compound is qualified "UJ".

SAMPLE	COMPOUND	CAS number
E00R0	Benzene	71-43-2
SBLK01	Toluene	108-88-3

The following Pesticide samples have analytes that exceeded the instruments calibration range. For any analyte that exceeded the calibration range the results are qualified as estimated "J". The results from the E00Q1RE and E00R4RE sample should be considered the final concentration.

E00Q1, E00R4
Endrin, 4,4'-DDT, Endrin aldehyde

E00Q1RE
Heptachlor epoxide, Endrin, Endrin aldehyde

E00R4RE
Heptachlor epoxide, Endrin, 4,4'-DDT, Endrin aldehyde

The relative percent difference between analyte results for the following pesticides samples is greater than 25%. The detected results were less than 25% the CRQL.

The following Aroclor samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

E00P9RX, E00Q1RXDL, E00Q3, E00Q8RX, E00R0RX, E00R5RX
Aroclor-1248

E00Q7, E00Q7RX, E00Q8, E00R3RX, ALCS22
Aroclor-1260

E00R0, ALCS09, ALCS22
Aroclor-1016

The following soil Aroclor samples have analytes for which the percent difference between column results exceeds primary criteria of 25%. Positive results are qualified "J".

ALCS09
Aroclo-1016

E00P9RX, E00Q1RX, E00Q1RXDL, E00R0RX, E00R4RX, E00R4RXDL, E00R5RX
Aroclor-1248

E00Q1, E00Q2RX, E00Q7RX, E00R4
Aroclor-1260

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide and aroclor analysis was acceptable.

12. ADDITIONAL INFORMATION

CADRE reported incorrect results for the following volatile samples in the Lotus and Excel spreadsheets. CADRE reported medium level results when they should of reported low level results. This reviewer corrected the results on the spreadsheets to reflect the low level results except for sample E00Q1ME which is reported as medium level.

Volatile Fraction
E00Q1, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3

E00Q5
Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00Q6
Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde

E00Q6RE
Gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endosulfan II, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, gamma-Chlordane

E00R0
Aldrin, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, 4,4'-DDT, Endrin aldehyde

E00R0RE
Aldrin, Endrin, Endrin aldehyde

E00R2RE, E00R5RE
Endrin, 4,4'-DDT

E00R4
Beta-BHC, Gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00R4RE
Beta-BHC, Gamma-BHC (Lindane), Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane

E00R5
Endosulfan I, Endrin, 4,4'-DDT

PLCS65
4,4'-DDE, gamma-Chlordane

PLCS65RE
Gamma-BHC (Lindane), Heptachlor epoxide, Dieldrin, 4,4'-DDE, gamma-Chlordane

PLCS65RE
Gamma-BHC (Lindane), Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan sulfate, gamma-Chlordane

The following soil Pesticide samples have analytes for which the percent difference between column results exceeds primary criteria of 25%. Positive results are qualified "J".

E00P8
Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00P8RE
Heptachlor epoxide, Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00P9, E00P9RE
Heptachlor epoxide, Endrin, Endosulfan II, 4,4'-DDT, Endrin aldehyde

E00Q0
Endosulfan I, Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

E00Q0RE
Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Endrin aldehyde

E00Q1
Beta-BHC, Gamma-BHC (Lindane), Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane

E00Q1RE
Heptachlor, Aldrin, Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin aldehyde

E00Q2
4,4'-DDE, Endrin, 4,4'-DDT, gamma-Chlordane

E00Q2RE
Heptachlor epoxide, Endrin, 4,4'-DDT, Endrin aldehyde

E00Q3, E00R2
Endrin

E00Q7RE
Heptachlor epoxide, Endrin, Endrin ketone

E00Q8RE
4,4'-DDT, Endrin ketone

E00R0
Aldrin, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin aldehyde

E00R0RE
Aldrin, Endrin aldehyde

E00R1RE
4,4'-DDT

E00R2
Endrin

E00R2RE
Endrin, 4,4'-DDT

E00R3
4,4'-DDT, Methoxychlor

E00R4
Beta-BHC, gamma-BHC (Lindane), 4,4'-DDD, Endosulfan sulfate, gamma-Chlordane

E00R4RE
Beta-BHC, gamma-BHC (Lindane), 4,4'-DDD, Endosulfan sulfate, Methoxychlor, gamma-Chlordane

E00R5
Endosulfan I, Endrin, 4,4'-DDT, Endrin ketone, gamma-Chlordane

E00R5RE
Endrin, 4,4'-DDT

PLCS65
Delta-BHC, gamma-BHC (Lindane), Aldrin, Heptachlor epoxide, Dieldrin, 4,4'-DDE, Endrin, Endosulfan sulfate, gamma-Chlordane

E00P9RE
Endosulfan II, 4,4'-DDT, Methoxychlor

E00Q0
Endosulfan I, Dieldrin, Endrin, 4,4'-DDT, Methoxychlor, Endrin aldehyde

E00Q0RE
Heptachlor epoxide, Endosulfan I, Dieldrin, Endrin, Methoxychlor, Endrin aldehyde

E00Q1
Beta-BHC, gamma-BHC (Lindane), Aldrin, Dieldrin, Endosulfan sulfate

E00Q1RE
Beta-BHC, Heptachlor, Aldrin, Dieldrin, 4,4'-DDE, 4,4'-DDD, Endosulfan sulfate, Methoxychlor

E00Q2
4,4'-DDE, 4,4'-DDT, gamma-Chlordane

E00Q2RE
Heptachlor epoxide, Endrin, 4,4'-DDT, Endrin aldehyde

E00Q3
Endrin, gamma-Chlordane

E00Q3RE
Endrin, Endrin ketone

E00Q5
Dieldrin, 4,4'-DDT, Endrin aldehyde

E00Q6
Delta-BHC, 4,4'-DDE, Endosulfan II, Endosulfan sulfate

E00Q6RE
Gamma-BHC (Lindane), Heptachlor, Endosulfan II, Endosulfan sulfate, Endrin ketone, gamma-Chlordane

E00Q7
Delta-BHC, Endrin, Endrin ketone

E00Q9
Fluoranthene, Pyrene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene

E00R0
Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene

E00R1
Phenanthrene, Anthracene, Carbazole, Fluoranthene, Pyrene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i)perylene

E00R4
Phenanthrene, Fluoranthene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i)perylene

E00R5
Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i)perylene

SBLK01, SBLK66
Di-n-butylphthalate, bis (2-Ethylhexyl) phthalate, Di-n-octylphthalate

SBLK54
Di-n-butylphthalate

The following pesticide samples have compound concentrations less than the CRQL. Detected compounds are qualified "J".

E00P8
Delta-BHC, Aldrin, Dieldrin, Methoxychlor

E00P8RE
Aldrin, Heptachlor epoxide, Dieldrin, Methoxychlor

E00P9
Heptachlor epoxide, Endosulfan II

Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i) perylene

E00Q0
Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene

E00Q1
Phenol, 4-Methylphenol, Naphthalene, 2-Methylnaphthalene, 1,1'-Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, Anthracene, Carbazole, Fluoranthene, Benzo (a) anthracene, Chrysene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i) perylene

E00Q2
Pyrene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i) perylene

E00Q3
2,2'-Oxybis (1-Chloropropane), 2-Methylnaphthalene, Acenaphthylene, Phenanthrene, Anthracene, Carbazole, Fluoranthene, Pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Benzo (g,h,i) perylene

E00Q5
2-Methylnaphthalene, Acenaphthene, Fluorene, 4-Chlorophenyl-phenylether, Phenanthrene, Fluoranthene, Pyrene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Benzo (g,h,i) perylene

E00Q5MS
Phenol, 2-Chlorophenol, N-Nitroso-di-n-propylamine, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Acenaphthene, 2,4-Dinitrotoluene, Fluorene, Phenanthrene, Carbazole, Benzo (a) anthracene, Chrysene, Benzo (a) pyrene

E00Q5MSD
Phenol, 2-Chlorophenol, N-Nitroso-di-n-propylamine, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Acenaphthene, 2,4-Dinitrotoluene, Fluorene, Phenanthrene, Carbazole, Benzo (a) anthracene, Chrysene

E00Q6
Fluorene, Chrysene, Benzo (a) pyrene

E00Q7, E00Q8
Chrysene, Benzo (b) fluoranthene, Benzo (a) pyrene

E00Q0, E00R2, E00R3
Acetone

E00Q1
Trans-1,2-Dichloroethene

E00Q1ME
Trans-1,2-Dichloroethene, Methyl tert-butyl ether

E00Q2, E00Q6
Methylene Chloride

E00Q3
Acetone, Methylene Chloride, Benzene

E00Q5
Acetone, Methylene Chloride, Isopropylbenzene

E00R0
1,4-Dichlorobenzene

E00R4
Benzene, Isopropylbenzene

VBLK09, VBLK14, VBLKM1
1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

VHBLK69
4-Methyl-2-pentanone, Toluene, Ethylbenzene, o-Xylene, m,p-Xylene

The following Semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00P8
Acenaphthylene, Phenanthrene, Anthracene, Carbazole, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Benzo (g,h,i) perylene

E00P9
2-Methylnaphthalene, Acenaphthylene, Phenanthrene, Anthracene, Carbazole, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo (a) anthracene, Chrysene,

Endosulfan sulfate
E00Q1, E00Q6, E00R4

The following Pesticide samples are associated with a laboratory control sample (LCS) percent recovery below the lower QC limits. Non-detected compounds are qualified "R".

Gamma-BHC (Lindane)
E00P8, E00P9, E00Q0, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R5, PBLK65

Endosulfan sulfate
E00P8, E00P9, E00Q0, E00Q2, E00Q3, E00Q5, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R5, PBLK65

The following Aroclor samples are associated with a laboratory control sample (LCS) percent recovery above the QC limits. Detected compounds are qualified "J". Non-detected compounds in samples E00Q9 and E00R3 are not qualified.

Aroclor-1260
E00P8, E00P9, E00Q0, E00Q1, E00Q1DL, E00Q2, E00Q3, E00Q5, E00Q5DL, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, E00R4DL, E00R5

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as Field Blanks or Field Duplicates for this data package. Results are not qualified based upon the results of the Field Duplicates.

8. INTERNAL STANDARDS

No defects were found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, pesticide and Aroclor compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following Volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00Q1

The following diluted Aroclor samples have surrogate percent recoveries above the QC limit of 150%. No action is taken on samples that have been dilution factor of 5% or greater.

E00Q1DL, E00Q1RXDL, E00R4RXDL

The following diluted Aroclor samples have surrogate percent recoveries below the QC limit of 30% and greater than 10%. No action is taken on samples that have been dilution factor of 5% or greater.

E00Q1DL

The following diluted Aroclor samples have surrogate percent recoveries below the QC limit of 30% and less than 10%. No action is taken on samples that have been dilution factor of 5% or greater.

E00Q1DL, E00Q1RXDL, E00Q5RXDL

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The following Semivolatile samples have recoveries below the QC criteria and less than 10%. Non-detects for 4-Nitrophenol and Pentachlorophenol in the unspiked sample E00Q5 are qualified "R".

E00Q5MS, E00Q5MSD
4-Nitrophenol, Pentachlorophenol

The following Semivolatile sample has a recovery above the QC criteria. A detect for Pyrene in the unspiked sample E00Q5 is qualified "J".

E00Q5MSD
Pyrene

6B. LABORATORY CONTROL SAMPLE

The following Pesticide samples are associated with a laboratory control sample (LCS) percent recovery below the lower QC limits. Detected compounds are qualified "J".

Gamma-BHC (Lindane)
E00Q1, E00R4

Methylphenol, 2,2'-Oxybis (1-chloropropane), Acetophenone, 4-Methylphenol, N-Nitro-Di-n-propylamine, Hexachloroethane, Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, bis (2-Chloroethoxy) methane, 2,4-Dichlorophenol, Hexachlorobutadiene, Caprolactam, 4-Chloro-3-methylphenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 1,1'-Biphenyl, Dimethylphthalate, 2,6-Dinitrotoluene, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, N-Nitrosodiphenylamine, 1,2,4,5-Tetrachlorobenzene, 4-Bromophenyl-phenylether, Pentachlorophenol, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo (a) anthracene, Chrysene, bis (2-Ethylhexyl) phthalate, Di-n-octylphthalate, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene, 2,3,4,6-Tetrachlorophenol

E00R4
4-Chloroaniline, Hexachlorocyclopentadiene, 3,3'-Dichlorobenzidine

The following Pesticide sample has one out of four surrogate percent recoveries above the upper QC limit of 150%. No action is taken when less than two recoveries are outside the QC limits.

E00P9RE

The following Pesticide sample has one out of four surrogate percent recoveries below the lower QC limit of 30%. No action is taken when less than two recoveries are outside the QC limits

E00R1, E00R3, E00R5

The following diluted Pesticide samples have surrogate percent recoveries above the QC limit of 150%. No action is taken on samples that have been dilution factor of 5% or greater.

E00Q1, E00Q1RE, E00Q2, E00Q2RE, E00R4, E00R4RE

The following diluted Pesticide samples have surrogate percent recoveries below the QC limit of 30%. No action is taken on samples that have been dilution factor of 5% or greater.

E00Q3, E00R4RE

The following Aroclor samples have surrogate percent recoveries less than 10%. Detected compounds are qualified "J". Non-detected compounds are qualified "R".

E00Q1
Naphthalene, 2-Methylnaphthalene, 2-Chloronaphthalene, Acenaphthylene, Acenaphthene, Hexachlorobenzene, Atrazine, Phenanthrene, Anthracene

E00Q5MS
Hexachlorobenzene, Atrazine, Phenanthrene, Anthracene, Carbazole, Fluoranthene, Pyrene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene

E00Q5MSD
Naphthalene, 2-Methylnaphthalene, 2-Chloronaphthalene, Acenaphthylene, Acenaphthene, Hexachlorobenzene, Atrazine, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene

E00R4
Benzaldehyde, Phenol, bis (2-Chloroethyl) ether, 2-Chlorophenol, 2-Methylphenol, 2,2'-Oxybis (1-chloropropane), Acetophenone, 4-Methylphenol, N-Nitro-Di-n-propylamine, Hexachloroethane, Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, bis (2-Chloroethoxy) methane, 2,4-Dichlorophenol, Naphthalene, Hexachlorobutadiene, Caprolactam, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, 2,6-Dinitrotoluene, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 1,2,4,5-Tetrachlorobenzene, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo (a) anthracene, Chrysene, bis (2-Ethylhexyl) phthalate, Di-n-octylphthalate, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene, 2,3,4,6-Tetrachlorophenol

The following diluted Semivolatile samples have Deuterated Monitoring Compound recoveries below the QC limits and have diluted out. No action is taken on samples that have diluted out or greater than 5% dilution factor.

E00Q1
Benzaldehyde, Phenol, bis (2-Chloroethyl) ether, 2-Chlorophenol, 2-

E00R3
Bis- (2-Chloroethyl) ether, 2,2'-Oxybis (1-Chloropropane), bis (2-Chloroethoxy) methane

The following Semivolatile method blank have Deuterated Monitoring Compound recoveries below the QC limits. Non-detected compounds are qualified "UJ".

SBLK66
Dibenzofuran, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole

The following Semivolatile samples have Deuterated Monitoring Compound recoveries below the QC limits. Non-detected compounds are qualified "UJ".

E00Q0
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Dibenzofuran, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Di-n-butylphthalate, Butylbenzylphthalate, bis (2-Ethylhexyl) phthalate, Di-n-octylphthalate

E00Q2
Dibenzofuran, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Fluoranthene, Benzo(a)anthracene, Dibenzo (a,h) anthracene

E00R0
Dibenzofuran, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole

E00R3
Acetophenone, N-Nitro-di-n-propylamine, Hexachloroethane, Nitrobenzene, Isophorone, 2-Nitrophenol, Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, 2,6-Dinitrotoluene, Dibenzofuran, 2,4-Dinitrotoluene, Fluorene, 4-Chlorophenyl-phenylether, Diethylphthalate, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Di-n-butylphthalate, Carbazole, Butylbenzylphthalate, bis (2-Ethylhexyl) phthalate, Di-octylphthalate

The following diluted Semivolatile samples have Deuterated Monitoring Compound recoveries above the QC limits and have diluted out. No action is taken on samples that have diluted out or greater than 5% dilution factor.

E00P8, E00Q9, E00R1, E00R2
Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00Q1
Chlorobenzene, Styrene, 1,3-Dichlorobenzene, 1,2-Dichlorobenzene

E00R3
Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl Acetate, Methylene Chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Cyclohexane, Carbon Tetrachloride, 1,2-Dichloroethane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,2-Dibromoethane

E00R4
Trichloroethene, Toluene, Tetrachloroethene, Chlorobenzene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

The following Volatile sample has a Deuterated Monitoring Compound recovery below the QC limits but less than the expanded lower limit (20%). Non-detected compounds are qualified "R".

E00Q1
1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

The following Semivolatile sample has a Deuterated Monitoring Compound recovery above the QC limits. Detected compounds are qualified "J".

E00R1
Fluoranthene, Pyrene, Benzo (a) anthracene, Chrysene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenzo (a,h) anthracene, Benzo (g,h,i) perylene

The following Semivolatile samples have Deuterated Monitoring Compound recoveries below the QC limits. Detected compounds are qualified "J".

E00Q2
Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

The following Semivolatile sample has a Deuterated Monitoring Compound recovery below the QC limits and less than 10%. Non-detected compounds are qualified "R".

E00P8, E00P9, E00Q0, E00Q2, E00Q3, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following Volatile samples have Deuterated Monitoring Compound recoveries above the QC limits.

E00Q1
Vinyl Chloride, 1,4-Dioxane

E00Q1ME
Benzene

E00Q2
Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, Bromomethane, Chloroethane, Carbon Disulfide, Benzene, 1,4-Dioxane

E00Q5, E00Q7, E00R4
1,4-Dioxane

Vinyl Chloride in sample E00Q1 and Benzene in sample E00Q1ME are qualified "J". Vinyl Chloride in E00Q2 is qualified "UJ" because of calibration problem. 1,4-Dioxane in all the samples is qualified "R" because of calibration problems. Non-detected compounds in sample E00Q2 are not qualified.

The following Volatile samples have Deuterated Monitoring Compound recoveries below the QC limits but greater than or equal to the expanded lower limit (20%). Detected compounds are qualified "J".

E00Q1
Trichloroethene, Toluene, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Isopropylbenzene, 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

E00R4
Isopropylbenzene

The following Volatile samples have Deuterated Monitoring Compound recoveries below the QC limits but greater than or equal to the expanded lower limit (20%). Non-detected compounds are qualified "UJ".

The following Semivolatile samples have a common contaminant reported less than five times (5X) the CRQL. The associated Method Blank concentration is less than 5X the concentration criteria. The reported sample concentration has been elevated to the CRQL. Detected compounds are qualified "UJ" because of low Deuterated Monitoring Compound percent recovery. Non-detected compounds are not qualified.

Bis (2-Ethylhexyl) phthalate
E00Q0, E00R3

The following Semivolatile samples have a common contaminant reported greater than the CRQL and less than 5X the CRQL. The associated Method Blank concentration is less than 5X the concentration criteria. Detected compounds are qualified "U".

Bis (2-Ethylhexyl) phthalate
E00R5

The following Semivolatile samples have analyte concentrations reported less than the CRQL. The associated Method Blank concentration is less than the concentration criteria. The reported sample concentrations have been elevated to the CRQL. Detected compounds are qualified "U". Non-detected compounds are not qualified.

Di-n-butylphthalate
E00P8, E00P9, E00Q2, E00Q3, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R5

Di-n-octylphthalate
E00P8, E00P9, E00Q2, E00Q3, E00Q5, E00Q6, E00Q9, E00R0, E00R1,

The following Semivolatile samples have analyte concentrations reported less than the CRQL. The associated Method Blank concentration is less than the concentration criteria. The reported sample concentrations have been elevated to the CRQL. Detected compounds are qualified "UJ" because of low Deuterated Monitoring Compound recovery or calibration criteria. Non-detected compounds are not qualified.

Di-n-butylphthalate
E00Q0, E00R3

Di-n-octylphthalate
E00Q0, E00R4, E00R5

The following Semivolatile samples have a TIC concentration >330 µg/Kg. The sample result is less than five times (5X) to the associated Method Blank. TICs are qualified "U" and deleted from the electronic file.

Decachlorobiphenyl
E00P8RE, E00P9RE, E00Q0RE, E00Q1RE, E00Q2RE, E00Q3RE, E00Q6RE, E00Q7RE, E00Q8RE, E00R0RE, E00R1RE, E00R2RE, E00R3RE, E00R4RE, E00R5RE, PBLK65RE, PLCS65RE

The following pesticide samples are associated with an opening PEM with a surrogate percent difference (%D) greater than 25%. No action is taken on surrogate compounds exceeding the 25% criteria.

Tetrachloro-m-xylene, Decachlorobiphenyl
E00P8RE, E00P9RE, E00Q0RE, E00Q1RE, E00Q2RE, E00Q3RE, E00Q6RE, E00Q7RE, E00Q8RE, E00R0RE, E00R1RE, E00R2RE, E00R3RE, E00R4RE, E00R5RE, PBLK65RE, PLCS65RE

4. BLANKS

The following Volatile samples have analyte concentrations reported below the CRQL. The associated Holding Blank is less than the concentration criteria. Reported sample concentrations have been elevated to the CRQL. Detected compounds are qualified "U". Non-detected compounds are not qualified. Non-detects for Ethylbenzene, o-Xylene and m,p-Xylene in sample E00R4 are qualified "UJ" due to poor surrogate recoveries.

Toluene
E00P8, E00P9, E00Q0, E00Q2, E00Q5, E00Q7, E00Q8, E00R0, E00R1

Ethylbenzene
E00P8, E00P9, E00Q0, E00R4

o-Xylene
E00P8, E00Q5, E00R4

M,p-Xylene
E00P8, E00P9, E00Q0, E00Q2, E00Q3, E00Q9, E00R0, E00R1, E00R4

The following Semivolatile samples have a common contaminant reported less than five times (5X) the CRQL. The associated Method Blank concentration is less than 5X the concentration criteria. The reported sample concentration has been elevated to the CRQL. Detected compounds are qualified "U". Non-detected compounds are not qualified.

Bis (2-Ethylhexyl) phthalate
E00P8, E00P9, E00Q2, E00Q3, E00Q5, E00Q6, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R4

SBLK66 is qualified "J". Non-detected compounds are qualified "UJ".

Hexachlorocyclopentadiene, Di-n-octylphthalate
E00R2, E00R3, E00R4, E00R5, SBLK66

The following Pesticide samples are associated with an opening and/or closing CCV (INDC) with analyte percent differences (%D) greater than 20%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

Alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane
E00P8, E00P8RE, E00P9, E00P9RE, E00Q0, E00Q0RE, E00Q1, E00Q1RE, E00Q2, E00Q2RE, E00Q3, E00Q3RE, E00Q5, E00Q6, E00Q6RE, E00Q7, E00Q7RE, E00Q8, E00Q8RE, E00R0, E00R0RE, E00R1, E00R1RE, E00R2, E00R2RE, E00R3, E00R3RE, E00R4, E00R4RE, E00R5, E00R5RE, PBLK65, PBLK65RE, PLCS65, PLCS65RE

The following pesticide samples are associated with an opening PEM with percent difference (%D) greater than 25%. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

Endrin, Methoxychlor
E00P8RE, E00P9RE, E00Q0RE, E00Q1RE, E00Q2RE, E00Q3RE, E00Q6RE, E00Q7RE, E00Q8RE, E00R0RE, E00R1RE, E00R2RE, E00R3RE, E00R4RE, E00R5RE, PBLK65RE, PLCS65RE

The following pesticide samples are associated with an initial PEM with a surrogate percent difference (%D) greater than 25%. No action is taken on surrogate compounds exceeding the 25% criteria.

Decachlorobiphenyl
E00Q9

The following pesticide samples are associated with an opening or closing INDC with a surrogate percent difference (%D) greater than 20%. No action is taken on surrogate compounds exceeding the 20% criteria.

Tetrachloro-m-xylene, Decachlorobiphenyl
E00P8, E00P9, E00Q0, E00Q1, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00R0, E00R1, E00R2, E00R3, E00R4, E00R5

1,4-Dioxane
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK10, VBLK14, VBLKM1, VHBLK69

The following Volatile samples are associated with an opening continuing calibration where the percent difference is outside QC primary criteria (%D greater than 25.0). Vinyl Chloride in sample E00Q1ME is qualified "J". Non-detected compounds are qualified "UJ".

Vinyl Chloride
E00Q1ME, E00Q2, E00Q3, E00Q5, VBLK10, VBLKM1

1,1,1-Trichloroehane
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK14, VBLKM1, VHBLK69

Carbon Tetrachloride
E00P8, E00P9, E00Q0, E00Q1, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK14, VHBLK69

The following volatile samples are associated with an initial calibration in which a SMC/DMC did not meet relative response factor (RRF) criteria. No action is taken on the DMC %RSD and RRF data alone.

1,4-Dioxane-d8
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK10, VBLK14, VBLKM1, VHBLK69

The following volatile samples are associated with the opening and closing continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria (less than 0.005). No action is taken on the DMC %RSD and RRF data alone.

1,4-Dioxane-d8
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK10, VBLK14, VBLKM1, VHBLK69

The following Semivolatile samples are associated with the closing CCV percent difference (%D) outside the QC criteria (50%). Di-n-octylphthalate in method blank

Case Number: 35607
Site Name: State Ilada Waste Company (IL)

SDG Number: E00P8
Laboratory: Shealy

1. HOLDING TIME

No defects were found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

The following Pesticide samples are associated a GPC calibration verification with analyte recoveries less than 80% and greater than 10%. All detected compounds are qualified "J". All non-detected compounds are qualified "UJ".

Gamma-BHC (Lindane), Heptachlor, Aldrin, 4,4'-DDT
E00P8, E00P8RE, E00P9, E00P9RE, E00Q0, E00Q0RE, E00Q1, E00Q1RE, E00Q2, E00Q2RE, E00Q3, E00Q3RE, E00Q5, E00Q6, E00Q6RE, E00Q7, E00Q7RE, E00Q8, E00Q8RE, E00Q9, E00R0, E00R0RE, E00R1, E00R1RE, E00R2, E00R2RE, E00R3, E00R3RE, E00R4, E00R4RE, E00R5, E00R5RE, PBLK65, PBLK65RE, PLCS65, PLCS65RE

3. CALIBRATION

The following volatile samples are associated with an initial calibration with a relative response factor (RRFs) outside the primary criteria (less than 0.005). Non-detected compounds are qualified "R".

1,4-Dioxane
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK10, VBLK14, VBLKM1, VHBLK69

The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria (greater than 20.0%). Non-detected compounds are qualified "UJ".

Bromoform
E00P8, E00P9, E00Q0, E00Q1, E00Q1ME, E00Q2, E00Q3, E00Q5, E00Q6, E00Q7, E00Q8, E00Q9, E00R0, E00R1, E00R2, E00R3, E00R4, VBLK09, VBLK10, VBLK14, VBLKM1, VHBLK69

The following volatile samples are associated with the opening and closing continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria (less than 0.005). Non-detected compounds are qualified "R".

Case Number: 35607
Site Name: State Ilada Waste Company (IL)

SDG Number: E00P8
Laboratory: Shealy

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Seventeen (17) soil samples, numbered E00P8, E00P9, E00Q0 to E00Q3, E00Q5 to E00Q9, and E00R0 to E00R5 were collected August 1 - 3, 2006. The lab received the samples August 3 - 4, 2006 in good condition. Sixteen samples E00P8, E00P9, E00Q0 through E00Q3, E00Q5 through E00Q9 and E00R0 through E00R4 were analyzed for the Volatile, Semivolatile, Pesticide and Aroclor lists of organic analytes. One sample E00R5 was analyzed for only the Semivolatile, Pesticide and Aroclor lists of organic analytes. All samples were analyzed according to CLP SOW SOM01.1 (5/2005). The samples were validated according to USEPA CLP National Functional Guidelines for Superfund Organic Methods Data Review (1/2005) and TechLaw Organic Data Validation Criteria Matrix (6/2006).

There are no Field Blanks or Field Duplicate identified with this package.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: September 1, 2006

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

for Steve Ostrodka
Richard L Byrnit
10/6/06

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE Name: State Ilada Waste Company (IL)

Case Number: 35607 SDG Number: E00P8

Number and Type of Samples: 17 (soils) (VOA, BNA, Pesticide and Aroclor)

Sample Numbers: E00P8, E00P9, E00Q0 to E00Q3, E00Q5 to E00Q9, and E00R0 to E00R5

Laboratory: Shealy Environmental Services Hrs for Review:

Following are our findings:

the data are usable and acceptable with the qualifications described in the attached narrative.
Richard L Byrnit

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

DATE: October 11, 2006

IEPA
Attn: Mr. Mark Wagner
1001 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

SITE NAME: State Ilada Waste Company (IL)

CASE NO.	LAB	SAMPLES	SDG	MATRIX
35607	Shealy	17	E00P8	soil

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 **TechLaw**

OCT 16 2006