



Environmental Laboratories
 Bethany Tech Center ♦ Suite 190
 400 W. Bethany Rd. ♦ Allen, Texas 75013



Louisiana: 02007
 Kansas: E-10288
 Florida: E-87681

Report of Sample Analysis

The Ark Enterprises, Inc.
 PO Box 725
 Peculiar MO, 64078
 ATTN: Mimi Synder

Page: Page 1 of 25
 Project: Peat Moss
 Project #: [none]
 Print Date/Time: 08/14/02 1600

Attached is our analytical report for the samples received for your project. Below is a list of your individual sample descriptions with our corresponding laboratory number. We also have enclosed a copy of the Chain of Custody that was received with your samples and a form documenting the condition of your samples upon arrival. Please note any unused portion of the samples may be discarded upon expiration of the EPA holding time for the analysis performed or after 30 days from the above report date, unless you have requested otherwise.

Sample Identification

<u>Laboratory ID #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
0208096-01	Peat Moss Sample	Solid		08/05/02 1623

Case Narrative

No sample collection date or time were provided by the customer.

Thank you for the opportunity to serve your environmental chemistry analysis needs. If you have any questions or concerns regarding this report please contact our Customer Service Department at the phone number below.

Respectfully submitted,

Kendall K. Brown
 President

*Sample Reporting Limit **Method Reporting Limit

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Local: (972) 727-1123

Long Distance: (800) 228-ERMI

FAX: (972) 727-1175



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 Project: Peat Moss
 Project #: [none]
 Print Date/Time: 08/14/02 1600

Laboratory ID #:	Sample Type	Matrix	Sample Collected By
0208096-01		Solid	Not Provided
Sample Description	Sample Date/Time		
Peat Moss Sample			

Analyte(s)	Result	*SRL	**MRL	Units	Method #	Analysis Date/Time	Analyst	Flag
TCLP Herbicides								
2,4-D	ND	0.0120	0.0120	mg/l	EPA 1311/8270C	08/12/02 1232	WVY	exc
2,4,5-TP (Silvex)	ND	0.0120	0.0120	mg/l	EPA 1311/8270C	08/12/02 1232	WVY	exc
Surrogate: 2,4-DCAA		36 %	30-135		EPA 1311/8270C	08/12/02 1232	WVY	

TCLP Volatile Organics								
Benzene	0.0388	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Carbon Tetrachloride	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Chlorobenzene	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Chloroform	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
1,4-Dichlorobenzene	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
1,2-Dichloroethane	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
1,1-Dichloroethene	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Methyl Ethyl Ketone (2-Butanone)	ND	0.100	0.0100	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Tetrachloroethene	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Trichloroethene	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Vinyl Chloride	ND	0.0300	0.0030	mg/l	EPA 1311/8260B	08/13/02 0943	ZT	
Surrogate: Fluorobenzene		105 %	71-117		EPA 1311/8260B	08/13/02 0943	ZT	
Surrogate: Toluene-d8		109 %	88-110		EPA 1311/8260B	08/13/02 0943	ZT	
Surrogate: 4-Bromofluorobenzene		113 %	74-121		EPA 1311/8260B	08/13/02 0943	ZT	

TCLP Semivolatile Organics								
o-Cresol (2-Methylphenol)	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
m-,p-Cresols (3-,4-Methylphenol)	ND	0.0240	0.0120	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	exc
Pentachlorophenol	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
2,4,5-Trichlorophenol	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
2,4,6-Trichlorophenol	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
2,4-Dinitrotoluene	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Hexachlorobenzene	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Hexachlorobutadiene	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Hexachloroethane	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	

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 Project: Peat Moss
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Laboratory ID #:	Sample Type	Matrix	Sample Collected By
0208096-01		Solid	Not Provided
Sample Description	Sample Date/Time		
Peat Moss Sample			

Analyte(s)	Result	*SRL	**MRL	Units	Method #	Analysis Date/Time	Analyst	Flag
TCLP Semivolatile Organics (continued)								
Nitrobenzene	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Pyridine	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2-Fluorophenol		21 %	21-110		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Phenol-d6		18 %	10-110		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Nitrobenzene-d5		36 %	35-114		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2-Fluorobiphenyl		50 %	43-116		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2,4,6-Tribromophenol		60 %	10-123		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Terphenyl-d14		52 %	33-141		EPA 1311/8270C	08/12/02 1510	WVY	
TCLP Pesticides								
g-BHC (Lindane)	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Chlordane	ND	0.0240	0.0120	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Endrin	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Heptachlor	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Heptachlor Epoxide	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Methoxychlor	ND	0.0120	0.0060	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Toxaphene	ND	0.120	0.0600	mg/l	EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2-Fluorophenol		21 %	21-110		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Phenol-d6		18 %	10-110		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Nitrobenzene-d5		36 %	35-114		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2-Fluorobiphenyl		50 %	43-116		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: 2,4,6-Tribromophenol		60 %	10-123		EPA 1311/8270C	08/12/02 1510	WVY	
Surrogate: Terphenyl-d14		52 %	33-141		EPA 1311/8270C	08/12/02 1510	WVY	

Conventional Chemistry Parameters

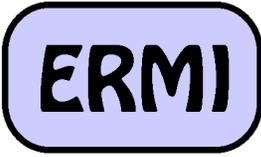
Reactive Cyanide	ND	1.0	1.0	mg/kg	Sec. 7.3.3.2	08/06/02 0845	RJS	
Corrosivity	3.4	0.1	0.1	pH Units	EPA 9045C	08/06/02 1145	RJS	
Ignitability by Flashpoint	ND	0.50	0.50	°C	SW 846 S7.1.2.2	08/06/02 1200	RJS	exc,R-09
Free Liquid	ND	N/A	N/A	NA	EPA 9095A	08/07/02 1130	RJS	exc,C-01
Reactive Sulfide	ND	4.0	4.0	mg/kg	Sec. 7.3.4.1	08/06/02 0845	RJS	

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 Project: Peat Moss
 Project #: [none]
 Print Date/Time: 08/14/02 1600

<u>Laboratory ID #:</u> 0208096-01	<u>Sample Type</u>	<u>Matrix</u> Solid	<u>Sample Collected By</u> Not Provided
<u>Sample Description</u> Peat Moss Sample		<u>Sample Date/Time</u>	

Analyte(s)	Result	*SRL	**MRL	Units	Method #	Analysis Date/Time	Analyst	Flag
Metals (TCLP)								
Arsenic	ND	0.20	0.20	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Barium	0.070	0.050	0.050	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Cadmium	ND	0.040	0.040	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Chromium	ND	0.050	0.050	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Lead	ND	0.10	0.10	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Mercury	ND	0.00400	0.00400	mg/l	EPA 1311/7470A	08/08/02 1340	DES	
Selenium	ND	0.20	0.20	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	
Silver	ND	0.070	0.070	mg/l	EPA 1311/6010B	08/08/02 1528	SPS	

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TCLP Herbicides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H09024 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction										
Blank (2H09024-BLK1)										
Prepared: 08/08/02 1715 Analyzed: 08/09/02 1834										
2,4-D	ND	0.0120	mg/l							
2,4,5-TP (Silvex)	ND	0.0120	mg/l							
Surrogate: 2,4-DCAA	0.617		mg/l	1.00		62	30-135			
Blank (2H09024-BLK2) RB# 106										
Prepared: 08/08/02 1715 Analyzed: 08/10/02 0722										
2,4-D	ND	0.0120	mg/l							
2,4,5-TP (Silvex)	ND	0.0120	mg/l							
Surrogate: 2,4-DCAA	0.438		mg/l	1.00		44	30-135			
Blank (2H09024-BLK3) RB# 107										
Prepared: 08/08/02 1715 Analyzed: 08/11/02 1703										
2,4-D	ND	0.0120	mg/l							
2,4,5-TP (Silvex)	ND	0.0120	mg/l							
Surrogate: 2,4-DCAA	0.688		mg/l	1.00		69	30-135			
Blank (2H09024-BLK4) RB# 108										
Prepared: 08/08/02 1715 Analyzed: 08/11/02 1742										
2,4-D	ND	0.0120	mg/l							
2,4,5-TP (Silvex)	ND	0.0120	mg/l							
Surrogate: 2,4-DCAA	0.665		mg/l	1.00		66	30-135			
Laboratory Control Sample (2H09024-BS1)										
Prepared: 08/08/02 1715 Analyzed: 08/09/02 1919										
2,4-D	1.44	0.0120	mg/l	2.00		72	27-155			
2,4,5-TP (Silvex)	1.24	0.0120	mg/l	2.00		62	25-166			
Surrogate: 2,4-DCAA	0.560		mg/l	1.00		56	30-135			

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TCLP Herbicides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H09024 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction (continued)										
Laboratory Control Sample Duplicate (2H09024-BSD1)										
Prepared: 08/08/02 1715 Analyzed: 08/09/02 2002										
2,4-D	1.68	0.0120	mg/l	2.00		84	27-155	15	20	
2,4,5-TP (Silvex)	1.42	0.0120	mg/l	2.00		71	25-166	14	20	
Surrogate: 2,4-DCAA	0.650		mg/l	1.00		65	30-135			
Matrix Spike (2H09024-MS1)										
Prepared: 08/08/02 1715 Analyzed: 08/10/02 0915										
Source: 0208071-01										
2,4-D	1.76	0.0120	mg/l	2.00	ND	88	27-155			
2,4,5-TP (Silvex)	1.46	0.0120	mg/l	2.00	ND	73	25-166			
Surrogate: 2,4-DCAA	0.798		mg/l	1.00		80	30-135			
Matrix Spike Duplicate (2H09024-MSD1)										
Prepared: 08/08/02 1715 Analyzed: 08/10/02 0952										
Source: 0208071-01										
2,4-D	1.72	0.0120	mg/l	2.00	ND	86	27-155	2	20	
2,4,5-TP (Silvex)	1.44	0.0120	mg/l	2.00	ND	72	25-166	1	20	
Surrogate: 2,4-DCAA	0.748		mg/l	1.00		75	30-135			

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TCLP Volatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H12023 - EPA 1311 TCLP Zero Headspace Extraction/EPA 5030B Purge-and-Trap for Aqueous Samples										
Blank (2H12023-BLK1)										
Prepared: 08/12/02 1000 Analyzed: 08/12/02 1145										
Benzene	ND	0.0030	mg/l							
Carbon Tetrachloride	ND	0.0030	mg/l							
Chlorobenzene	ND	0.0030	mg/l							
Chloroform	ND	0.0030	mg/l							
1,4-Dichlorobenzene	ND	0.0030	mg/l							
1,2-Dichloroethane	ND	0.0030	mg/l							
1,1-Dichloroethene	ND	0.0030	mg/l							
Methyl Ethyl Ketone (2-Butanone)	ND	0.0100	mg/l							
Tetrachloroethene	ND	0.0030	mg/l							
Trichloroethene	ND	0.0030	mg/l							
Vinyl Chloride	ND	0.0030	mg/l							
Surrogate: Fluorobenzene	0.0508		mg/l	0.0500		102	71-117			
Surrogate: Toluene-d8	0.0503		mg/l	0.0500		101	88-110			
Surrogate: 4-Bromofluorobenzene	0.0524		mg/l	0.0500		105	74-121			

Blank (2H12023-BLK2)

Prepared: 08/12/02 1000 Analyzed: 08/12/02 1603

Benzene	ND	0.0030	mg/l							
Carbon Tetrachloride	ND	0.0030	mg/l							
Chlorobenzene	ND	0.0030	mg/l							
Chloroform	ND	0.0030	mg/l							
1,4-Dichlorobenzene	ND	0.0030	mg/l							
1,2-Dichloroethane	ND	0.0030	mg/l							
1,1-Dichloroethene	ND	0.0030	mg/l							
Methyl Ethyl Ketone (2-Butanone)	ND	0.0100	mg/l							
Tetrachloroethene	ND	0.0030	mg/l							
Trichloroethene	ND	0.0030	mg/l							
Vinyl Chloride	ND	0.0030	mg/l							
Surrogate: Fluorobenzene	0.0504		mg/l	0.0500		101	71-117			
Surrogate: Toluene-d8	0.0520		mg/l	0.0500		104	88-110			
Surrogate: 4-Bromofluorobenzene	0.0510		mg/l	0.0500		102	74-121			

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TCLP Volatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H12023 - EPA 1311 TCLP Zero Headspace Extraction/EPA 5030B Purge-and-Trap for Aqueous Samples (continued)										
Blank (2H12023-BLK3)										
Prepared: 08/08/02 1000 Analyzed: 08/12/02 1722										
Benzene	ND	0.0030	mg/l							
Carbon Tetrachloride	ND	0.0030	mg/l							
Chlorobenzene	ND	0.0030	mg/l							
Chloroform	ND	0.0030	mg/l							
1,4-Dichlorobenzene	ND	0.0030	mg/l							
1,2-Dichloroethane	ND	0.0030	mg/l							
1,1-Dichloroethene	ND	0.0030	mg/l							
Methyl Ethyl Ketone (2-Butanone)	ND	0.0100	mg/l							
Tetrachloroethene	ND	0.0030	mg/l							
Trichloroethene	ND	0.0030	mg/l							
Vinyl Chloride	ND	0.0030	mg/l							
Surrogate: Fluorobenzene	0.0502		mg/l	0.0500		100	71-117			
Surrogate: Toluene-d8	0.0519		mg/l	0.0500		104	88-110			
Surrogate: 4-Bromofluorobenzene	0.0524		mg/l	0.0500		105	74-121			

Blank (2H12023-BLK4)

Prepared: 08/09/02 1000 Analyzed: 08/12/02 1751

Benzene	ND	0.0030	mg/l							
Carbon Tetrachloride	ND	0.0030	mg/l							
Chlorobenzene	ND	0.0030	mg/l							
Chloroform	ND	0.0030	mg/l							
1,4-Dichlorobenzene	ND	0.0030	mg/l							
1,2-Dichloroethane	ND	0.0030	mg/l							
1,1-Dichloroethene	ND	0.0030	mg/l							
Methyl Ethyl Ketone (2-Butanone)	ND	0.0100	mg/l							
Tetrachloroethene	ND	0.0030	mg/l							
Trichloroethene	ND	0.0030	mg/l							
Vinyl Chloride	ND	0.0030	mg/l							
Surrogate: Fluorobenzene	0.0508		mg/l	0.0500		102	71-117			
Surrogate: Toluene-d8	0.0492		mg/l	0.0500		98	88-110			
Surrogate: 4-Bromofluorobenzene	0.0523		mg/l	0.0500		105	74-121			

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TCLP Volatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H12023 - EPA 1311 TCLP Zero Headspace Extraction/EPA 5030B Purge-and-Trap for Aqueous Samples (continued)									
Laboratory Control Sample (2H12023-BS1)									
Prepared: 08/12/02 1000 Analyzed: 08/12/02 1027									
Benzene	0.408	0.0300	mg/l	0.500		82 68-126			
Carbon Tetrachloride	0.444	0.0300	mg/l	0.500		89 70-109			
Chlorobenzene	0.420	0.0300	mg/l	0.500		84 69-127			
Chloroform	0.464	0.0300	mg/l	0.500		93 63-117			
1,4-Dichlorobenzene	0.409	0.0300	mg/l	0.500		82 72-134			
1,2-Dichloroethane	0.512	0.0300	mg/l	0.500		102 66-124			
1,1-Dichloroethene	0.465	0.0300	mg/l	0.500		93 67-125			
Methyl Ethyl Ketone (2-Butanone)	0.722	0.100	mg/l	1.00		72 63-134			
Tetrachloroethene	0.397	0.0300	mg/l	0.500		79 64-116			
Trichloroethene	0.410	0.0300	mg/l	0.500		82 71-117			
Vinyl Chloride	0.368	0.0300	mg/l	0.500		74 69-127			
Surrogate: Fluorobenzene	0.509		mg/l	0.500		102 71-117			
Surrogate: Toluene-d8	0.516		mg/l	0.500		103 88-110			
Surrogate: 4-Bromofluorobenzene	0.522		mg/l	0.500		104 74-121			

Laboratory Control Sample Duplicate (2H12023-BSD1)

Prepared: 08/12/02 1000 Analyzed: 08/12/02 1117

Benzene	0.426	0.0300	mg/l	0.500		85 68-126	4	20	
Carbon Tetrachloride	0.470	0.0300	mg/l	0.500		94 70-109	6	20	
Chlorobenzene	0.442	0.0300	mg/l	0.500		88 69-127	5	20	
Chloroform	0.482	0.0300	mg/l	0.500		96 63-117	4	20	
1,4-Dichlorobenzene	0.414	0.0300	mg/l	0.500		83 72-134	1	20	
1,2-Dichloroethane	0.539	0.0300	mg/l	0.500		108 66-124	5	20	
1,1-Dichloroethene	0.484	0.0300	mg/l	0.500		97 67-125	4	20	
Methyl Ethyl Ketone (2-Butanone)	0.752	0.100	mg/l	1.00		75 63-134	4	20	
Tetrachloroethene	0.423	0.0300	mg/l	0.500		85 64-116	6	20	
Trichloroethene	0.429	0.0300	mg/l	0.500		86 71-117	5	20	
Vinyl Chloride	0.406	0.0300	mg/l	0.500		81 69-127	10	20	
Surrogate: Fluorobenzene	0.515		mg/l	0.500		103 71-117			
Surrogate: Toluene-d8	0.531		mg/l	0.500		106 88-110			
Surrogate: 4-Bromofluorobenzene	0.523		mg/l	0.500		105 74-121			

*Sample Reporting Limit **Method Reporting Limit

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 Florida: E-87681

Report of Sample Analysis

The Ark Enterprises, Inc.
 PO Box 725
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 Print Date/Time: 08/14/02 1600

TCLP Volatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H12023 - EPA 1311 TCLP Zero Headspace Extraction/EPA 5030B Purge-and-Trap for Aqueous Samples (continued)									
Matrix Spike (2H12023-MS1)				Source: 0208059-01					
Prepared: 08/12/02 1000 Analyzed: 08/12/02 1241									
Benzene	0.392	0.0300	mg/l	0.500	ND	78	68-126		
Carbon Tetrachloride	0.425	0.0300	mg/l	0.500	ND	85	70-109		
Chlorobenzene	0.395	0.0300	mg/l	0.500	ND	79	69-127		
Chloroform	0.438	0.0300	mg/l	0.500	ND	88	63-117		
1,4-Dichlorobenzene	0.374	0.0300	mg/l	0.500	ND	75	72-134		
1,2-Dichloroethane	0.497	0.0300	mg/l	0.500	ND	99	66-124		
1,1-Dichloroethene	0.453	0.0300	mg/l	0.500	ND	91	67-125		
Methyl Ethyl Ketone (2-Butanone)	0.895	0.100	mg/l	1.00	0.203	69	63-134		
Tetrachloroethene	0.384	0.0300	mg/l	0.500	ND	77	64-116		
Trichloroethene	0.411	0.0300	mg/l	0.500	ND	82	71-117		
Vinyl Chloride	0.356	0.0300	mg/l	0.500	ND	71	69-127		
Surrogate: Fluorobenzene	0.520		mg/l	0.500		104	71-117		
Surrogate: Toluene-d8	0.507		mg/l	0.500		101	88-110		
Surrogate: 4-Bromofluorobenzene	0.525		mg/l	0.500		105	74-121		

Matrix Spike Duplicate (2H12023-MSD1)				Source: 0208059-01					
Prepared: 08/12/02 1000 Analyzed: 08/12/02 1309									
Benzene	0.420	0.0300	mg/l	0.500	ND	84	68-126	7	20
Carbon Tetrachloride	0.443	0.0300	mg/l	0.500	ND	89	70-109	4	20
Chlorobenzene	0.419	0.0300	mg/l	0.500	ND	84	69-127	6	20
Chloroform	0.454	0.0300	mg/l	0.500	ND	91	63-117	4	20
1,4-Dichlorobenzene	0.405	0.0300	mg/l	0.500	ND	81	72-134	8	20
1,2-Dichloroethane	0.520	0.0300	mg/l	0.500	ND	104	66-124	5	20
1,1-Dichloroethene	0.463	0.0300	mg/l	0.500	ND	93	67-125	2	20
Methyl Ethyl Ketone (2-Butanone)	0.908	0.100	mg/l	1.00	0.203	70	63-134	1	20
Tetrachloroethene	0.474	0.0300	mg/l	0.500	ND	95	64-116	21	20
Trichloroethene	0.438	0.0300	mg/l	0.500	ND	88	71-117	6	20
Vinyl Chloride	0.365	0.0300	mg/l	0.500	ND	73	69-127	2	20
Surrogate: Fluorobenzene	0.518		mg/l	0.500		104	71-117		
Surrogate: Toluene-d8	0.512		mg/l	0.500		102	88-110		
Surrogate: 4-Bromofluorobenzene	0.530		mg/l	0.500		106	74-121		

*Sample Reporting Limit **Method Reporting Limit
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TCLP Semivolatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08035 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup										
Blank (2H08035-BLK1)										
Prepared: 08/07/02 1025 Analyzed: 08/09/02 1126										
o-Cresol (2-Methylphenol)	ND	0.0120	mg/l							
m-,p-Cresols (3-,4-Methylphenol)	ND	0.0240	mg/l							
Pentachlorophenol	ND	0.0120	mg/l							
2,4,5-Trichlorophenol	ND	0.0120	mg/l							
2,4,6-Trichlorophenol	ND	0.0120	mg/l							
2,4-Dinitrotoluene	ND	0.0120	mg/l							
Hexachlorobenzene	ND	0.0120	mg/l							
Hexachlorobutadiene	ND	0.0120	mg/l							
Hexachloroethane	ND	0.0120	mg/l							
Nitrobenzene	ND	0.0120	mg/l							
Pyridine	ND	0.0120	mg/l							
Surrogate: 2-Fluorophenol	0.187		mg/l	0.412		45	21-110			
Surrogate: Phenol-d6	0.192		mg/l	0.414		46	10-110			
Surrogate: Nitrobenzene-d5	0.123		mg/l	0.202		61	35-114			
Surrogate: 2-Fluorobiphenyl	0.131		mg/l	0.213		62	43-116			
Surrogate: 2,4,6-Tribromophenol	0.362		mg/l	0.400		90	10-123			
Surrogate: Terphenyl-d14	0.151		mg/l	0.207		73	33-141			

Blank (2H08035-BLK2) RB# 106

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1703

o-Cresol (2-Methylphenol)	ND	0.0120	mg/l							
m-,p-Cresols (3-,4-Methylphenol)	ND	0.0240	mg/l							
Pentachlorophenol	ND	0.0120	mg/l							
2,4,5-Trichlorophenol	ND	0.0120	mg/l							
2,4,6-Trichlorophenol	ND	0.0120	mg/l							
2,4-Dinitrotoluene	ND	0.0120	mg/l							
Hexachlorobenzene	ND	0.0120	mg/l							
Hexachlorobutadiene	ND	0.0120	mg/l							
Hexachloroethane	ND	0.0120	mg/l							
Nitrobenzene	ND	0.0120	mg/l							
Pyridine	ND	0.0120	mg/l							
Surrogate: 2-Fluorophenol	0.172		mg/l	0.412		42	21-110			
Surrogate: Phenol-d6	0.168		mg/l	0.414		41	10-110			
Surrogate: Nitrobenzene-d5	0.108		mg/l	0.202		53	35-114			
Surrogate: 2-Fluorobiphenyl	0.120		mg/l	0.213		56	43-116			
Surrogate: 2,4,6-Tribromophenol	0.346		mg/l	0.400		86	10-123			
Surrogate: Terphenyl-d14	0.158		mg/l	0.207		76	33-141			

*Sample Reporting Limit **Method Reporting Limit

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Report of Sample Analysis

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TCLP Semivolatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08035 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)									
Blank (2H08035-BLK3) RB# 107									
Prepared: 08/07/02 2030 Analyzed: 08/12/02 1356									
o-Cresol (2-Methylphenol)	ND	0.0120	mg/l						
m-,p-Cresols (3-,4-Methylphenol)	ND	0.0240	mg/l						
Pentachlorophenol	ND	0.0120	mg/l						
2,4,5-Trichlorophenol	ND	0.0120	mg/l						
2,4,6-Trichlorophenol	ND	0.0120	mg/l						
2,4-Dinitrotoluene	ND	0.0120	mg/l						
Hexachlorobenzene	ND	0.0120	mg/l						
Hexachlorobutadiene	ND	0.0120	mg/l						
Hexachloroethane	ND	0.0120	mg/l						
Nitrobenzene	ND	0.0120	mg/l						
Pyridine	ND	0.0120	mg/l						
Surrogate: 2-Fluorophenol	0.0986		mg/l	0.412		24	21-110		
Surrogate: Phenol-d6	0.0787		mg/l	0.414		19	10-110		
Surrogate: Nitrobenzene-d5	0.0804		mg/l	0.202		40	35-114		
Surrogate: 2-Fluorobiphenyl	0.117		mg/l	0.213		55	43-116		
Surrogate: 2,4,6-Tribromophenol	0.198		mg/l	0.400		50	10-123		
Surrogate: Terphenyl-d14	0.126		mg/l	0.207		61	33-141		

Laboratory Control Sample (2H08035-BS1)

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1203

o-Cresol (2-Methylphenol)	0.288	0.0120	mg/l	0.400		72	32-119		
m-,p-Cresols (3-,4-Methylphenol)	0.589	0.0240	mg/l	0.800		74	32-238		
Pentachlorophenol	0.356	0.0120	mg/l	0.400		89	14-176		
2,4,5-Trichlorophenol	0.427	0.0120	mg/l	0.400		107	25-144		
2,4,6-Trichlorophenol	0.376	0.0120	mg/l	0.400		94	25-144		
2,4-Dinitrotoluene	0.380	0.0120	mg/l	0.400		95	39-139		
Hexachlorobenzene	0.342	0.0120	mg/l	0.400		86	1-152		
Hexachlorobutadiene	0.246	0.0120	mg/l	0.400		62	24-116		
Hexachloroethane	0.230	0.0120	mg/l	0.400		58	37-113		
Nitrobenzene	0.268	0.0120	mg/l	0.400		67	35-180		
Pyridine	0.121	0.0120	mg/l	0.400		30	1-132		
Surrogate: 2-Fluorophenol	0.208		mg/l	0.412		50	21-110		
Surrogate: Phenol-d6	0.191		mg/l	0.414		46	10-110		
Surrogate: Nitrobenzene-d5	0.140		mg/l	0.202		69	35-114		
Surrogate: 2-Fluorobiphenyl	0.164		mg/l	0.213		77	43-116		
Surrogate: 2,4,6-Tribromophenol	0.362		mg/l	0.400		90	10-123		
Surrogate: Terphenyl-d14	0.166		mg/l	0.207		80	33-141		

*Sample Reporting Limit **Method Reporting Limit

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Report of Sample Analysis

The Ark Enterprises, Inc.
 PO Box 725
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 Project: Peat Moss
 Project #: [none]
 Print Date/Time: 08/14/02 1600

TCLP Semivolatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08035 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)									
Laboratory Control Sample Duplicate (2H08035-BSD1)									
Prepared: 08/07/02 1025 Analyzed: 08/09/02 1240									
o-Cresol (2-Methylphenol)	0.246	0.0120	mg/l	0.400		62 32-119	16	20	
m-,p-Cresols (3-,4-Methylphenol)	0.565	0.0240	mg/l	0.800		71 32-238	4	20	
Pentachlorophenol	0.321	0.0120	mg/l	0.400		80 14-176	10	20	
2,4,5-Trichlorophenol	0.361	0.0120	mg/l	0.400		90 25-144	17	20	
2,4,6-Trichlorophenol	0.334	0.0120	mg/l	0.400		84 25-144	12	20	
2,4-Dinitrotoluene	0.359	0.0120	mg/l	0.400		90 39-139	6	20	
Hexachlorobenzene	0.371	0.0120	mg/l	0.400		93 1-152	8	20	
Hexachlorobutadiene	0.215	0.0120	mg/l	0.400		54 24-116	13	20	
Hexachloroethane	0.209	0.0120	mg/l	0.400		52 37-113	10	20	
Nitrobenzene	0.228	0.0120	mg/l	0.400		57 35-180	16	20	
Pyridine	0.131	0.0120	mg/l	0.400		33 1-132	8	20	
Surrogate: 2-Fluorophenol	0.176		mg/l	0.412		43 21-110			
Surrogate: Phenol-d6	0.170		mg/l	0.414		41 10-110			
Surrogate: Nitrobenzene-d5	0.109		mg/l	0.202		54 35-114			
Surrogate: 2-Fluorobiphenyl	0.134		mg/l	0.213		63 43-116			
Surrogate: 2,4,6-Tribromophenol	0.374		mg/l	0.400		94 10-123			
Surrogate: Terphenyl-d14	0.142		mg/l	0.207		69 33-141			

Matrix Spike (2H08035-MS1)

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1318

Source: 0208071-01

o-Cresol (2-Methylphenol)	0.394	0.0240	mg/l	0.800	ND	49 32-119			
m-,p-Cresols (3-,4-Methylphenol)	0.829	0.0480	mg/l	1.60	ND	52 32-238			
Pentachlorophenol	0.551	0.0240	mg/l	0.800	ND	69 14-176			
2,4,5-Trichlorophenol	0.576	0.0240	mg/l	0.800	ND	72 25-144			
2,4,6-Trichlorophenol	0.495	0.0240	mg/l	0.800	ND	62 25-144			
2,4-Dinitrotoluene	0.540	0.0240	mg/l	0.800	ND	68 39-139			
Hexachlorobenzene	0.602	0.0240	mg/l	0.800	ND	75 1-152			
Hexachlorobutadiene	0.331	0.0240	mg/l	0.800	ND	41 24-116			
Hexachloroethane	0.359	0.0240	mg/l	0.800	ND	45 37-113			
Nitrobenzene	0.353	0.0240	mg/l	0.800	ND	44 35-180			
Pyridine	0.266	0.0240	mg/l	0.800	ND	33 1-132			
Surrogate: 2-Fluorophenol	0.324		mg/l	0.823		39 21-110			
Surrogate: Phenol-d6	0.351		mg/l	0.827		42 10-110			
Surrogate: Nitrobenzene-d5	0.174		mg/l	0.403		43 35-114			
Surrogate: 2-Fluorobiphenyl	0.222		mg/l	0.425		52 43-116			
Surrogate: 2,4,6-Tribromophenol	0.579		mg/l	0.800		72 10-123			
Surrogate: Terphenyl-d14	0.235		mg/l	0.414		57 33-141			

*Sample Reporting Limit **Method Reporting Limit

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TCLP Semivolatile Organics - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
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Batch 2H08035 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)

Matrix Spike Duplicate (2H08035-MSD1)

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1355

Source: 0208071-01

o-Cresol (2-Methylphenol)	0.410	0.0240	mg/l	0.800	ND	51	32-119	4	20
m-,p-Cresols (3-,4-Methylphenol)	0.888	0.0480	mg/l	1.60	ND	56	32-238	7	20
Pentachlorophenol	0.609	0.0240	mg/l	0.800	ND	76	14-176	10	20
2,4,5-Trichlorophenol	0.626	0.0240	mg/l	0.800	ND	78	25-144	8	20
2,4,6-Trichlorophenol	0.509	0.0240	mg/l	0.800	ND	64	25-144	3	20
2,4-Dinitrotoluene	0.577	0.0240	mg/l	0.800	ND	72	39-139	7	20
Hexachlorobenzene	0.691	0.0240	mg/l	0.800	ND	86	1-152	14	20
Hexachlorobutadiene	0.349	0.0240	mg/l	0.800	ND	44	24-116	5	20
Hexachloroethane	0.363	0.0240	mg/l	0.800	ND	45	37-113	1	20
Nitrobenzene	0.356	0.0240	mg/l	0.800	ND	44	35-180	0	20
Pyridine	0.257	0.0240	mg/l	0.800	ND	32	1-132	3	20
Surrogate: 2-Fluorophenol	0.333		mg/l	0.823		40	21-110		
Surrogate: Phenol-d6	0.382		mg/l	0.827		46	10-110		
Surrogate: Nitrobenzene-d5	0.182		mg/l	0.403		45	35-114		
Surrogate: 2-Fluorobiphenyl	0.221		mg/l	0.425		52	43-116		
Surrogate: 2,4,6-Tribromophenol	0.658		mg/l	0.800		82	10-123		
Surrogate: Terphenyl-d14	0.262		mg/l	0.414		63	33-141		

*Sample Reporting Limit **Method Reporting Limit

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TCLP Pesticides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08036 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup									
Blank (2H08036-BLK1)									
Prepared: 08/07/02 1025 Analyzed: 08/09/02 1126									
g-BHC (Lindane)	ND	0.0120	mg/l						
Chlordane	ND	0.0240	mg/l						
Endrin	ND	0.0120	mg/l						
Heptachlor	ND	0.0120	mg/l						
Heptachlor Epoxide	ND	0.0120	mg/l						
Methoxychlor	ND	0.0120	mg/l						
Toxaphene	ND	0.120	mg/l						
Surrogate: 2-Fluorophenol	0.187		mg/l	0.412		45	21-110		
Surrogate: Phenol-d6	0.192		mg/l	0.414		46	10-110		
Surrogate: Nitrobenzene-d5	0.123		mg/l	0.202		61	35-114		
Surrogate: 2-Fluorobiphenyl	0.131		mg/l	0.213		62	43-116		
Surrogate: 2,4,6-Tribromophenol	0.362		mg/l	0.400		90	10-123		
Surrogate: Terphenyl-d14	0.151		mg/l	0.207		73	33-141		

Blank (2H08036-BLK2) RB# 106

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1703

g-BHC (Lindane)	ND	0.0120	mg/l						
Chlordane	ND	0.0240	mg/l						
Endrin	ND	0.0120	mg/l						
Heptachlor	ND	0.0120	mg/l						
Heptachlor Epoxide	ND	0.0120	mg/l						
Methoxychlor	ND	0.0120	mg/l						
Toxaphene	ND	0.120	mg/l						
Surrogate: 2-Fluorophenol	0.172		mg/l	0.412		42	21-110		
Surrogate: Phenol-d6	0.168		mg/l	0.414		41	10-110		
Surrogate: Nitrobenzene-d5	0.108		mg/l	0.202		53	35-114		
Surrogate: 2-Fluorobiphenyl	0.120		mg/l	0.213		56	43-116		
Surrogate: 2,4,6-Tribromophenol	0.346		mg/l	0.400		86	10-123		
Surrogate: Terphenyl-d14	0.158		mg/l	0.207		76	33-141		

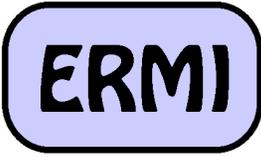
*Sample Reporting Limit **Method Reporting Limit

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TCLP Pesticides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2H08036 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)

Blank (2H08036-BLK3) RB# 107

Prepared: 08/07/02 2030 Analyzed: 08/12/02 1356

g-BHC (Lindane)	ND	0.0120	mg/l							
Chlordane	ND	0.0240	mg/l							
Endrin	ND	0.0120	mg/l							
Heptachlor	ND	0.0120	mg/l							
Heptachlor Epoxide	ND	0.0120	mg/l							
Methoxychlor	ND	0.0120	mg/l							
Toxaphene	ND	0.120	mg/l							
Surrogate: 2-Fluorophenol	0.0986		mg/l	0.412		24	21-110			
Surrogate: Phenol-d6	0.0787		mg/l	0.414		19	10-110			
Surrogate: Nitrobenzene-d5	0.0804		mg/l	0.202		40	35-114			
Surrogate: 2-Fluorobiphenyl	0.117		mg/l	0.213		55	43-116			
Surrogate: 2,4,6-Tribromophenol	0.198		mg/l	0.400		50	10-123			
Surrogate: Terphenyl-d14	0.126		mg/l	0.207		61	33-141			

Laboratory Control Sample (2H08036-BS1)

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1203

g-BHC (Lindane)	0.448	0.0120	mg/l	0.400		112	1-130			
Chlordane	0.334	0.0240	mg/l	0.400		84	45-119			
Endrin	0.378	0.0120	mg/l	0.400		94	10-147			
Heptachlor	0.478	0.0120	mg/l	0.400		120	1-192			
Heptachlor Epoxide	0.445	0.0120	mg/l	0.400		111	26-155			
Methoxychlor	0.453	0.0120	mg/l	0.400		113	1-209			
Surrogate: 2-Fluorophenol	0.208		mg/l	0.412		50	21-110			
Surrogate: Phenol-d6	0.191		mg/l	0.414		46	10-110			
Surrogate: Nitrobenzene-d5	0.140		mg/l	0.202		69	35-114			
Surrogate: 2-Fluorobiphenyl	0.164		mg/l	0.213		77	43-116			
Surrogate: 2,4,6-Tribromophenol	0.362		mg/l	0.400		90	10-123			
Surrogate: Terphenyl-d14	0.166		mg/l	0.207		80	33-141			

*Sample Reporting Limit **Method Reporting Limit

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TCLP Pesticides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08036 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)									
Laboratory Control Sample Duplicate (2H08036-BSD1)									
Prepared: 08/07/02 1025 Analyzed: 08/09/02 1240									
g-BHC (Lindane)	0.402	0.0120	mg/l	0.400		100	1-130	11	20
Chlordane	0.324	0.0240	mg/l	0.400		81	45-119	3	20
Endrin	0.326	0.0120	mg/l	0.400		82	10-147	15	20
Heptachlor	0.476	0.0120	mg/l	0.400		119	1-192	0	20
Heptachlor Epoxide	0.395	0.0120	mg/l	0.400		99	26-155	12	20
Methoxychlor	0.375	0.0120	mg/l	0.400		94	1-209	19	20
Surrogate: 2-Fluorophenol	0.176		mg/l	0.412		43	21-110		
Surrogate: Phenol-d6	0.170		mg/l	0.414		41	10-110		
Surrogate: Nitrobenzene-d5	0.109		mg/l	0.202		54	35-114		
Surrogate: 2-Fluorobiphenyl	0.134		mg/l	0.213		63	43-116		
Surrogate: 2,4,6-Tribromophenol	0.374		mg/l	0.400		94	10-123		
Surrogate: Terphenyl-d14	0.142		mg/l	0.207		69	33-141		

Matrix Spike (2H08036-MS1)

Prepared: 08/07/02 1025 Analyzed: 08/09/02 1318

Source: 0208071-01

g-BHC (Lindane)	0.691	0.0240	mg/l	0.800	ND	86	1-130		
Chlordane	0.545	0.0480	mg/l	0.800	ND	68	45-119		
Endrin	0.553	0.0240	mg/l	0.800	ND	69	10-147		
Heptachlor	0.673	0.0240	mg/l	0.800	ND	84	1-192		
Heptachlor Epoxide	0.698	0.0240	mg/l	0.800	ND	87	26-155		
Methoxychlor	0.619	0.0240	mg/l	0.800	ND	77	1-209		
Surrogate: 2-Fluorophenol	0.324		mg/l	0.823		39	21-110		
Surrogate: Phenol-d6	0.351		mg/l	0.827		42	10-110		
Surrogate: Nitrobenzene-d5	0.174		mg/l	0.403		43	35-114		
Surrogate: 2-Fluorobiphenyl	0.222		mg/l	0.425		52	43-116		
Surrogate: 2,4,6-Tribromophenol	0.579		mg/l	0.800		72	10-123		
Surrogate: Terphenyl-d14	0.235		mg/l	0.414		57	33-141		

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TCLP Pesticides - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08036 - EPA 1311 TCLP Extraction/EPA 3510C Separatory Funnel Extraction/EPA 3640A Gel-Permeation Cleanup (continued)										
Matrix Spike Duplicate (2H08036-MSD1)										
Prepared: 08/07/02 1025 Analyzed: 08/09/02 1355										
Source: 0208071-01										
g-BHC (Lindane)	0.782	0.0240	mg/l	0.800	ND	98	1-130	12	20	
Chlordane	0.601	0.0480	mg/l	0.800	ND	75	45-119	10	20	
Endrin	0.576	0.0240	mg/l	0.800	ND	72	10-147	4	20	
Heptachlor	0.746	0.0240	mg/l	0.800	ND	93	1-192	10	20	
Heptachlor Epoxide	0.758	0.0240	mg/l	0.800	ND	95	26-155	8	20	
Methoxychlor	0.684	0.0240	mg/l	0.800	ND	86	1-209	10	20	
Surrogate: 2-Fluorophenol	0.333		mg/l	0.823		40	21-110			
Surrogate: Phenol-d6	0.382		mg/l	0.827		46	10-110			
Surrogate: Nitrobenzene-d5	0.182		mg/l	0.403		45	35-114			
Surrogate: 2-Fluorobiphenyl	0.221		mg/l	0.425		52	43-116			
Surrogate: 2,4,6-Tribromophenol	0.658		mg/l	0.800		82	10-123			
Surrogate: Terphenyl-d14	0.262		mg/l	0.414		63	33-141			

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Conventional Chemistry Parameters - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H06019									
Laboratory Control Sample (2H06019-BS1)									
Prepared & Analyzed: 08/06/02 1145									
Corrosivity	7.01	0.1	pH Units	7.00		100	90-110		
Laboratory Control Sample Duplicate (2H06019-BSD1)									
Prepared & Analyzed: 08/06/02 1145									
Corrosivity	7.01	0.1	pH Units	7.00		100	90-110	0	20
Duplicate (2H06019-DUP1)									
Prepared & Analyzed: 08/06/02 1145									
Corrosivity	3.38	0.1	pH Units		Source: 0208096-01 3.4			0	20
Batch 2H06020									
Duplicate (2H06020-DUP1)									
Prepared & Analyzed: 08/06/02 1200									
Ignitability by Flashpoint	ND	0.50	°C		Source: 0208096-01 ND			20	R-09
Batch 2H06021									
Blank (2H06021-BLK1)									
Prepared & Analyzed: 08/06/02 0845									
Reactive Sulfide	ND	4.0	mg/kg						
Duplicate (2H06021-DUP1)									
Prepared & Analyzed: 08/06/02 0845									
Reactive Sulfide	ND	4.0	mg/kg		Source: 0208071-01 ND			20	
Reference (2H06021-SRM1)									
Prepared & Analyzed: 08/06/02 0845									
Reactive Sulfide	20.4	4.0	mg/kg	20.0		102	90-110		

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Conventional Chemistry Parameters - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
Batch 2H06022									
Blank (2H06022-BLK1)									
Prepared & Analyzed: 08/06/02 0845									
Reactive Cyanide	ND	1.0	mg/kg						
Duplicate (2H06022-DUP1)									
Prepared & Analyzed: 08/06/02 0845									
					Source: 0208071-01				
Reactive Cyanide	ND	1.0	mg/kg		ND			20	
Reference (2H06022-SRM1)									
Prepared & Analyzed: 08/06/02 0845									
Reactive Cyanide	1.26	1.0	mg/kg	4.00		32 20-110			
Batch 2H07019									
Duplicate (2H07019-DUP1)									
Prepared & Analyzed: 08/07/02 1130									
					Source: 0208096-01				
Free Liquid	ND	N/A	NA		ND			200	C-01

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Metals (TCLP) - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2H08002 - EPA 1311 TCLP Extraction/EPA 7470A Digestion of Aqueous-Cold Vapor Analysis										
Blank (2H08002-BLK1)										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1324										
Mercury	ND	0.00400	mg/l							
Blank (2H08002-BLK2) tclp extraction blank 107										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1343										
Mercury	ND	0.00400	mg/l							
Laboratory Control Sample (2H08002-BS1)										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1325										
Mercury	0.1079	0.00400	mg/l	0.1000		108	85-115			
Laboratory Control Sample Duplicate (2H08002-BSD1)										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1327										
Mercury	0.1027	0.00400	mg/l	0.1000		103	85-115	5	20	
Matrix Spike (2H08002-MS1)										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1332										
Source: 0208102-03										
Mercury	0.1002	0.00400	mg/l	0.1000	ND	100	85-115			
Matrix Spike Duplicate (2H08002-MSD1)										
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1333										
Source: 0208102-03										
Mercury	0.09954	0.00400	mg/l	0.1000	ND	100	85-115	0	20	

Batch 2H08011 - EPA 1311 TCLP Extraction/EPA 3010A Digestion of Extracts-ICP Analysis

Blank (2H08011-BLK1)			
Prepared: 08/08/02 0930 Analyzed: 08/08/02 1411			
Arsenic	ND	0.20	mg/l
Barium	ND	0.050	mg/l
Cadmium	ND	0.040	mg/l
Chromium	ND	0.050	mg/l
Lead	ND	0.10	mg/l
Selenium	ND	0.20	mg/l
Silver	ND	0.070	mg/l

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Metals (TCLP) - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2H08011 - EPA 1311 TCLP Extraction/EPA 3010A Digestion of Extracts-ICP Analysis (continued)

Blank (2H08011-BLK2) TCLP Extraction blank 2045
 Prepared: 08/08/02 0930 Analyzed: 08/08/02 1416

Arsenic	ND	0.20	mg/l							
Barium	ND	0.050	mg/l							
Cadmium	ND	0.040	mg/l							
Chromium	ND	0.050	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.20	mg/l							
Silver	ND	0.070	mg/l							

Blank (2H08011-BLK3) TCLP Extraction blank 106
 Prepared: 08/08/02 0930 Analyzed: 08/08/02 1422

Arsenic	ND	0.20	mg/l							
Barium	ND	0.050	mg/l							
Cadmium	ND	0.040	mg/l							
Chromium	ND	0.050	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.20	mg/l							
Silver	ND	0.070	mg/l							

Blank (2H08011-BLK4) TCLP Extraction blank 107
 Prepared: 08/08/02 0930 Analyzed: 08/08/02 1427

Arsenic	ND	0.20	mg/l							
Barium	ND	0.050	mg/l							
Cadmium	ND	0.040	mg/l							
Chromium	ND	0.050	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.20	mg/l							
Silver	ND	0.070	mg/l							

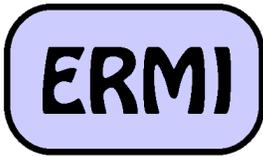
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Metals (TCLP) - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2H08011 - EPA 1311 TCLP Extraction/EPA 3010A Digestion of Extracts-ICP Analysis (continued)

Blank (2H08011-BLK5) TCLP Filtration blank 107

Prepared: 08/08/02 0930 Analyzed: 08/08/02 1438

Arsenic	ND	0.20	mg/l
Barium	ND	0.050	mg/l
Cadmium	ND	0.040	mg/l
Chromium	ND	0.050	mg/l
Lead	ND	0.10	mg/l
Selenium	ND	0.20	mg/l
Silver	ND	0.070	mg/l

Laboratory Control Sample (2H08011-BS1)

Prepared: 08/08/02 0930 Analyzed: 08/08/02 1444

Arsenic	9.93	0.20	mg/l	10.0	99	90-110
Barium	9.84	0.050	mg/l	10.0	98	90-110
Cadmium	9.78	0.040	mg/l	10.0	98	90-110
Chromium	9.62	0.050	mg/l	10.0	96	90-110
Lead	9.85	0.10	mg/l	10.0	98	90-110
Selenium	9.99	0.20	mg/l	10.0	100	90-110
Silver	9.72	0.070	mg/l	10.0	97	90-110

Laboratory Control Sample Duplicate (2H08011-BSD1)

Prepared: 08/08/02 0930 Analyzed: 08/08/02 1449

Arsenic	9.84	0.20	mg/l	10.0	98	90-110	0	20
Barium	9.86	0.050	mg/l	10.0	99	90-110	0	20
Cadmium	9.76	0.040	mg/l	10.0	98	90-110	0	20
Chromium	9.70	0.050	mg/l	10.0	97	90-110	0	20
Lead	9.74	0.10	mg/l	10.0	97	90-110	1	20
Selenium	9.84	0.20	mg/l	10.0	98	90-110	2	20
Silver	9.58	0.070	mg/l	10.0	96	90-110	1	20

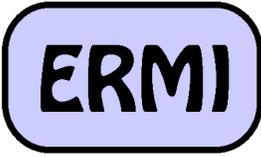
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Metals (TCLP) - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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Batch 2H08011 - EPA 1311 TCLP Extraction/EPA 3010A Digestion of Extracts-ICP Analysis (continued)

Matrix Spike (2H08011-MS1)

Prepared: 08/08/02 0930 Analyzed: 08/08/02 1500

Source: 0208059-01

Arsenic	10.4	0.20	mg/l	10.0	ND	104	90-110			
Barium	10.2	0.050	mg/l	10.0	ND	102	90-110			
Cadmium	10.2	0.040	mg/l	10.0	ND	102	90-110			
Chromium	10.0	0.050	mg/l	10.0	ND	100	90-110			
Lead	10.0	0.10	mg/l	10.0	ND	100	90-110			
Selenium	10.4	0.20	mg/l	10.0	ND	104	90-110			
Silver	10.0	0.070	mg/l	10.0	ND	100	90-110			

Matrix Spike Duplicate (2H08011-MSD1)

Prepared: 08/08/02 0930 Analyzed: 08/08/02 1506

Source: 0208059-01

Arsenic	10.0	0.20	mg/l	10.0	ND	100	90-110	4	20	
Barium	9.74	0.050	mg/l	10.0	ND	97	90-110	5	20	
Cadmium	10.1	0.040	mg/l	10.0	ND	101	90-110	1	20	
Chromium	9.98	0.050	mg/l	10.0	ND	100	90-110	0	20	
Lead	9.70	0.10	mg/l	10.0	ND	97	90-110	3	20	
Selenium	10.2	0.20	mg/l	10.0	ND	102	90-110	2	20	
Silver	9.56	0.070	mg/l	10.0	ND	96	90-110	4	20	

*Sample Reporting Limit **Method Reporting Limit

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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 Kansas: E-10288
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Report of Sample Analysis

The Ark Enterprises, Inc.
 PO Box 725
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Page: Page 25 of 25
 Project: Peat Moss
 Project #: [none]
 Print Date/Time: 08/14/02 1600

Notes and Definitions

The results presented in this report were generated using those methods given in 40 CFR Part 136 for Water and Wastewater samples and in SW-846 for RCRA/Solid Waste samples.

- C-01 pass
- Q-04 The RPD of the target analyte(s) in the MS/MSD is outside of established limits. The RPD of this same analyte(s) in the LCS/LCSD is within acceptable limits. Therefore, the data were reported and are acceptable.
- R-09 Not ignitable using the criteria applied for a not-a-liquid-sample, SW-846 Section 7.1.2.2.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- LCS/LCSD Laboratory Control Sample/Laboratory Control Sample Duplicate
- MS/MSD Matrix Spike/Matrix Spike Duplicate
- RPD Relative Percent Difference
- mg/kg milligrams per kilogram
- mg/l milligrams per liter
- ug/kg micrograms per kilogram
- ug/l micrograms per liter
- exc Not covered under scope of NELAP accreditation.

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