

10/19/2009 12:38:36PM

Client: C&C Peat Co., Inc.
1650 CR470
Okahumpka, FL 34762

Work Order: NSJ0479
Project Name: Quarterly Compost
Project Number: [none]
Date Received: 10/06/09

Attn: Stephen Cook

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
FINISHED COMPOST	NSJ0479-01	10/06/09 13:14

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Results are reported on a wet weight basis unless otherwise noted

The reported results were obtained in compliance with 2003 NELAC standards unless otherwise noted.


These results relate only to the items tested

Estimated uncertainty is available upon request.

Florida Certification Number: E87358

This report has been electronically signed.

Approved By:



TestAmerica Nashville
Shali Brown
Project Manager

Client: C&C Peat Co., Inc.
1650 CR470
Okahumpka, FL 34762
Attn: Stephen Cook

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Sample Cooler Information

<u>Lab ID</u>	<u>Cooler ID</u>	<u>Temp</u>	<u>Seals</u>	<u>Containers Intact</u>	<u>On Ice</u>
	8655	0.8C	No	Yes	Yes
	Default Cooler	20.9C	No	Yes	Yes

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LABORATORY REPORT
Sample ID: FINISHED COMPOST - Lab Number: NSJ0479-01 - Matrix: Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
Solids	% Dry Solids	35.5		%	0.500	0.500	1	10/13/09 07:09	DEA	SW-846	9101801
Organochlorine Pesticides by EPA Method 8081A											
309-00-2	Aldrin	0.00137	U	mg/kg dry	0.00137	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
319-86-8	delta-BHC	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
319-84-6	alpha-BHC	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
319-85-7	beta-BHC	0.00302	U	mg/kg dry	0.00302	0.00906	1	10/13/09 14:48	MSR	SW846 8081A	9101385
58-89-9	gamma-BHC (Lindane)	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
5103-71-9	alpha-Chlordane	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
5103-74-2	gamma-Chlordane	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
57-74-9	Chlordane	0.0459	U	mg/kg dry	0.0459	0.183	1	10/13/09 14:48	MSR	SW846 8081A	9101385
72-54-8	4,4'-DDD	0.00165	U	mg/kg dry	0.00165	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
72-55-9	4,4'-DDE	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
50-29-3	4,4'-DDT	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
60-57-1	Dieldrin	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
959-98-8	Endosulfan I	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
33213-65-9	Endosulfan II	0.00137	U	mg/kg dry	0.00137	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
1031-07-8	Endosulfan sulfate	0.00110	U	mg/kg dry	0.00110	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
72-20-8	Endrin	0.00137	U	mg/kg dry	0.00137	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
7421-93-4	Endrin aldehyde	0.00220	U	mg/kg dry	0.00220	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
53494-70-5	Endrin ketone	0.00192	U	mg/kg dry	0.00192	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
76-44-8	Heptachlor	0.00137	U	mg/kg dry	0.00137	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
1024-57-3	Heptachlor epoxide	0.00137	U	mg/kg dry	0.00137	0.00467	1	10/13/09 14:48	MSR	SW846 8081A	9101385
72-43-5	Methoxychlor	0.00165	U	mg/kg dry	0.00165	0.00906	1	10/13/09 14:48	MSR	SW846 8081A	9101385
8001-35-2	Toxaphene	0.0459	U	mg/kg dry	0.0459	0.183	1	10/13/09 14:48	MSR	SW846 8081A	9101385
Surrogate: Tetrachloro-meta-xylene (22-150%)		76 %									
Surrogate: Decachlorobiphenyl (25-150%)		106 %									
Polychlorinated Biphenyls by EPA Method 8082											
12674-11-2	PCB-1016	0.0530	U	mg/kg dry	0.0530	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
11104-28-2	PCB-1221	0.0307	U	mg/kg dry	0.0307	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
11141-16-5	PCB-1232	0.0558	U	mg/kg dry	0.0558	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
53469-21-9	PCB-1242	0.0391	U	mg/kg dry	0.0391	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180

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LABORATORY REPORT
Sample ID: FINISHED COMPOST - Lab Number: NSJ0479-01 - Matrix: Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polychlorinated Biphenyls by EPA Method 8082 - Cont.											
12672-29-6	PCB-1248	0.0307	U	mg/kg dry	0.0307	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
11097-69-1	PCB-1254	0.0530	U	mg/kg dry	0.0530	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
11096-82-5	PCB-1260	0.0391	U	mg/kg dry	0.0391	0.0929	1	10/09/09 19:13	JDC	SW846 8082	9101180
	<i>Surrogate: Tetrachloro-meta-xylene (19-147%)</i>	48 %									
	<i>Surrogate: Decachlorobiphenyl (20-150%)</i>	42 %									
Chlorinated Herbicides by EPA Method 8151A											
94-75-7	2,4-D	0.0331	U	mg/kg dry	0.0331	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
75-99-0	Dalapon	0.0331	U	mg/kg dry	0.0331	0.460	1	10/12/09 04:59	MSR	SW846 8151A	9100972
94-82-6	2,4-DB	0.0276	U	mg/kg dry	0.0276	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
1918-00-9	Dicamba	0.0303	U	mg/kg dry	0.0303	0.0910	1	10/12/09 04:59	MSR	SW846 8151A	9100972
120-36-5	Dichloroprop	0.0386	U	mg/kg dry	0.0386	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
88-85-7	Dinoseb	0.0276	U	mg/kg dry	0.0276	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
94-74-6	MCPA	0.755	U	mg/kg dry	0.755	9.18	1	10/12/09 04:59	MSR	SW846 8151A	9100972
7085-19-0	MCPP	1.35	U	mg/kg dry	1.35	9.18	1	10/12/09 04:59	MSR	SW846 8151A	9100972
100-02-7	4-Nitrophenol	0.0276	U	mg/kg dry	0.0276	0.0910	1	10/12/09 04:59	MSR	SW846 8151A	9100972
87-86-5	Pentachlorophenol	0.0276	U	mg/kg dry	0.0276	0.0910	1	10/12/09 04:59	MSR	SW846 8151A	9100972
1918-02-1	Picloram	0.0276	U	mg/kg dry	0.0276	0.0910	1	10/12/09 04:59	MSR	SW846 8151A	9100972
93-76-5	2,4,5-T	0.0276	U	mg/kg dry	0.0276	0.0910	1	10/12/09 04:59	MSR	SW846 8151A	9100972
93-72-1	2,4,5-TP (Silvex)	0.0303	U	mg/kg dry	0.0303	0.0469	1	10/12/09 04:59	MSR	SW846 8151A	9100972
50594-66-6	Acifluorfen	0.0276	U	mg/kg dry	0.0276	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
133-90-4	Chloramben	0.0303	U	mg/kg dry	0.0303	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
1861-32-1	DCPA	0.0276	U	mg/kg dry	0.0276	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
51-36-5	3,5-Dichlorobenzoic acid	0.0386	U	mg/kg dry	0.0386	0.184	1	10/12/09 04:59	MSR	SW846 8151A	9100972
	<i>Surrogate: Dichloroacetic Acid (10-150%)</i>	46 %									
Organophosphorous Pesticides (GC)											
1912-24-9	Atrazine	0.027	U	mg/Kg dry	0.027	0.20	1	10/13/09 16:00	MLT	8141A STD Dry	61761
86-50-0	Azinphos-methyl	0.014	U	mg/Kg dry	0.014	0.20	1	10/13/09 16:00	MLT	8141A STD Dry	61761
35400-43-2	Bolstar	0.026	U	mg/Kg dry	0.026	0.10	1	10/13/09 16:00	MLT	8141A STD Dry	61761
2921-88-2	Chlorpyrifos	0.026	U	mg/Kg dry	0.026	0.10	1	10/13/09 16:00	MLT	8141A STD Dry	61761
56-72-4	Coumaphos	0.027	U	mg/Kg dry	0.027	1.0	1	10/13/09 16:00	MLT	8141A STD Dry	61761
8065-48-3	Demeton, Total	0.040	U	mg/Kg dry	0.040	0.26	1	10/13/09 16:00	MLT	8141A STD Dry	61761

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LABORATORY REPORT
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CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Organophosphorous Pesticides (GC) - Cont.											
333-41-5	Diazinon	0.027	U	mg/Kg dry	0.027	0.10	1	10/13/09 16:00	MLT	8141A STD	61761
62-73-7	Dichlorvos	0.052	U	mg/Kg dry	0.052	0.20	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
60-51-5	Dimethoate	0.031	U	mg/Kg dry	0.031	0.20	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
298-04-4	Disulfoton	0.034	U	mg/Kg dry	0.034	0.20	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
2104-64-5	EPN	0.028	U	mg/Kg dry	0.028	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
13194-48-4	Ethoprop	0.046	U	mg/Kg dry	0.046	0.052	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
56-38-2	Ethyl Parathion	0.027	U	mg/Kg dry	0.027	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
115-90-2	Fensulfothion	0.031	U	mg/Kg dry	0.031	1.0	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
55-38-9	Fenthion	0.027	U	mg/Kg dry	0.027	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
121-75-5	Malathion	0.028	U	mg/Kg dry	0.028	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
150-50-5	Merphos	0.026	U	mg/Kg dry	0.026	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
298-00-0	Methyl parathion	0.017	U	mg/Kg dry	0.017	0.052	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
7786-34-7	Mevinphos	0.034	U	mg/Kg dry	0.034	0.20	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
6923-22-4	Monochrotophos	0.26	U	mg/Kg dry	0.26	1.0	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
300-76-5	Naled	0.016	U	mg/Kg dry	0.016	1.0	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
298-02-2	Phorate	0.034	U	mg/Kg dry	0.034	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
299-84-3	Ronnel	0.025	U	mg/Kg dry	0.025	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
122-34-9	Simazine	0.062	U	mg/Kg dry	0.062	0.20	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
22248-79-9	Stirophos	0.027	U	mg/Kg dry	0.027	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
3689-24-5	Sulfotepp	0.016	U	mg/Kg dry	0.016	0.052	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
34643-46-4	Tokuthion	0.024	U	mg/Kg dry	0.024	0.10	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
327-98-0	Trichloronate	0.025	U	mg/Kg dry	0.025	1.0	1	10/13/09 16:00	MLT	Dry 8141A STD	61761
	<i>Surrogate: Triphenylphosphate (35-134%)</i>	28 %	J1								
Percent Moisture											
NA	Percent Solids	32		%	0.00010	0.00010	1	10/12/09 09:07	SRK	Moisture	61763

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Sampled: 10/06/09
Received: 10/06/09

SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Polychlorinated Biphenyls by EPA Method 8082	NSJ0479-01	30.3 g	10.0 mL	10/08/2009	HLB	EPA 3550C
Organochlorine Pesticides by EPA Method 8081A	NSJ0479-01	30.8 g	10.0 mL	10/12/2009	TEM	EPA 3550C
Chlorinated Herbicides by EPA Method 8151A	NSJ0479-01	30.7 g	10.0 mL	10/09/2009	AJF	EPA 8151A

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PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Organochlorine Pesticides by EPA Method 8081A					
Aldrin	0.000500	U	mg/kg wet	9101385	9101385-BLK1
delta-BHC	0.000400	U	mg/kg wet	9101385	9101385-BLK1
alpha-BHC	0.000400	U	mg/kg wet	9101385	9101385-BLK1
beta-BHC	0.00110	U	mg/kg wet	9101385	9101385-BLK1
gamma-BHC (Lindane)	0.000400	U	mg/kg wet	9101385	9101385-BLK1
alpha-Chlordane	0.000400	U	mg/kg wet	9101385	9101385-BLK1
gamma-Chlordane	0.000400	U	mg/kg wet	9101385	9101385-BLK1
Chlordane	0.0167	U	mg/kg wet	9101385	9101385-BLK1
4,4'-DDD	0.000600	U	mg/kg wet	9101385	9101385-BLK1
4,4'-DDE	0.000400	U	mg/kg wet	9101385	9101385-BLK1
4,4'-DDT	0.000400	U	mg/kg wet	9101385	9101385-BLK1
Dieldrin	0.000400	U	mg/kg wet	9101385	9101385-BLK1
Endosulfan I	0.000400	U	mg/kg wet	9101385	9101385-BLK1
Endosulfan II	0.000500	U	mg/kg wet	9101385	9101385-BLK1
Endosulfan sulfate	0.000400	U	mg/kg wet	9101385	9101385-BLK1
Endrin	0.000500	U	mg/kg wet	9101385	9101385-BLK1
Endrin aldehyde	0.000800	U	mg/kg wet	9101385	9101385-BLK1
Endrin ketone	0.000700	U	mg/kg wet	9101385	9101385-BLK1
Heptachlor	0.000500	U	mg/kg wet	9101385	9101385-BLK1
Heptachlor epoxide	0.000500	U	mg/kg wet	9101385	9101385-BLK1
Methoxychlor	0.000600	U	mg/kg wet	9101385	9101385-BLK1
Toxaphene	0.0167	U	mg/kg wet	9101385	9101385-BLK1
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0133		mg/kg wet	9101385	9101385-BLK1
<i>Surrogate: Decachlorobiphenyl</i>	0.0153		mg/kg wet	9101385	9101385-BLK1
Polychlorinated Biphenyls by EPA Method 8082					
PCB-1016	0.0190	U	mg/kg wet	9101180	9101180-BLK1
PCB-1221	0.0110	U	mg/kg wet	9101180	9101180-BLK1
PCB-1232	0.0200	U	mg/kg wet	9101180	9101180-BLK1
PCB-1242	0.0140	U	mg/kg wet	9101180	9101180-BLK1
PCB-1248	0.0110	U	mg/kg wet	9101180	9101180-BLK1
PCB-1254	0.0190	U	mg/kg wet	9101180	9101180-BLK1
PCB-1260	0.0140	U	mg/kg wet	9101180	9101180-BLK1
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0127		mg/kg wet	9101180	9101180-BLK1
<i>Surrogate: Decachlorobiphenyl</i>	0.0117		mg/kg wet	9101180	9101180-BLK1
Chlorinated Herbicides by EPA Method 8151A					
2,4-D	0.0120	U	mg/kg wet	9100972	9100972-BLK1
Dalapon	0.0120	U	mg/kg wet	9100972	9100972-BLK1
2,4-DB	0.0100	U	mg/kg wet	9100972	9100972-BLK1
Dicamba	0.0110	U	mg/kg wet	9100972	9100972-BLK1
Dichloroprop	0.0140	U	mg/kg wet	9100972	9100972-BLK1
Dinoseb	0.0100	U	mg/kg wet	9100972	9100972-BLK1

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PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Chlorinated Herbicides by EPA Method 8151A					
MCPA	0.274	U	mg/kg wet	9100972	9100972-BLK1
MCPP	0.489	U	mg/kg wet	9100972	9100972-BLK1
4-Nitrophenol	0.0100	U	mg/kg wet	9100972	9100972-BLK1
Pentachlorophenol	0.0100	U	mg/kg wet	9100972	9100972-BLK1
Picloram	0.0100	U	mg/kg wet	9100972	9100972-BLK1
2,4,5-T	0.0100	U	mg/kg wet	9100972	9100972-BLK1
2,4,5-TP (Silvex)	0.0110	U	mg/kg wet	9100972	9100972-BLK1
Acifluorfen	0.0100	U	mg/kg wet	9100972	9100972-BLK1
Chloramben	0.0110	U	mg/kg wet	9100972	9100972-BLK1
DCPA	0.0100	U	mg/kg wet	9100972	9100972-BLK1
3,5-Dichlorobenzoic acid	0.0140	U	mg/kg wet	9100972	9100972-BLK1
Surrogate: Dichloroacetic Acid	0.223		mg/kg wet	9100972	9100972-BLK1
Organophosphorous Pesticides (GC)					
Atrazine	0.0087	U	mg/Kg dry	61761	640-61874-6
Azinphos-methyl	0.0044	U	mg/Kg dry	61761	640-61874-6
Bolstar	0.0084	U	mg/Kg dry	61761	640-61874-6
Chlorpyrifos	0.0083	U	mg/Kg dry	61761	640-61874-6
Coumaphos	0.0085	U	mg/Kg dry	61761	640-61874-6
Demeton, Total	0.013	U	mg/Kg dry	61761	640-61874-6
Diazinon	0.0087	U	mg/Kg dry	61761	640-61874-6
Dichlorvos	0.017	U	mg/Kg dry	61761	640-61874-6
Dimethoate	0.0099	U	mg/Kg dry	61761	640-61874-6
Disulfoton	0.011	U	mg/Kg dry	61761	640-61874-6
EPN	0.0090	U	mg/Kg dry	61761	640-61874-6
Ethoprop	0.015	U	mg/Kg dry	61761	640-61874-6
Ethyl Parathion	0.0087	U	mg/Kg dry	61761	640-61874-6
Fensulfothion	0.0099	U	mg/Kg dry	61761	640-61874-6
Fenthion	0.0088	U	mg/Kg dry	61761	640-61874-6
Malathion	0.0089	U	mg/Kg dry	61761	640-61874-6
Merphos	0.0082	U	mg/Kg dry	61761	640-61874-6
Methyl parathion	0.0053	U	mg/Kg dry	61761	640-61874-6
Mevinphos	0.011	U	mg/Kg dry	61761	640-61874-6
Monochrotophos	0.084	U	mg/Kg dry	61761	640-61874-6
Naled	0.0052	U	mg/Kg dry	61761	640-61874-6
Phorate	0.011	U	mg/Kg dry	61761	640-61874-6
Ronnel	0.0079	U	mg/Kg dry	61761	640-61874-6
Simazine	0.020	U	mg/Kg dry	61761	640-61874-6
Stirophos	0.0088	U	mg/Kg dry	61761	640-61874-6
Sulfotepp	0.0052	U	mg/Kg dry	61761	640-61874-6
Tokuthion	0.0076	U	mg/Kg dry	61761	640-61874-6
Trichloronate	0.0081	U	mg/Kg dry	61761	640-61874-6

Client: C&C Peat Co., Inc.
 1650 CR470
 Okahumpka, FL 34762
 Attn: Stephen Cook

Work Order: NSJ0479
 Project: Quarterly Compost
 Project Number: [none]

Sampled: 10/06/09
 Received: 10/06/09

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Organophosphorous Pesticides (GC) <i>Surrogate: Triphenylphosphate</i>	0.141		mg/Kg dry	61761	640-61874-6

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters % Dry Solids	90.4	85.2		%	6	20	9101801	NSJ0262-03

Client: C&C Peat Co., Inc.
1650 CR470
Okahumpka, FL 34762
Attn: Stephen Cook

Work Order: NSJ0479
Project: Quarterly Compost
Project Number: [none]

Sampled: 10/06/09
Received: 10/06/09

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Organochlorine Pesticides by EPA Method 8081A							
Aldrin	0.0167	0.0163		mg/kg wet	98	43 - 150	9101385
delta-BHC	0.0167	0.0160		mg/kg wet	96	34 - 147	9101385
alpha-BHC	0.0167	0.0163		mg/kg wet	98	47 - 142	9101385
beta-BHC	0.0167	0.0173		mg/kg wet	104	52 - 148	9101385
gamma-BHC (Lindane)	0.0167	0.0167		mg/kg wet	100	53 - 142	9101385
alpha-Chlordane	0.0167	0.0163		mg/kg wet	98	50 - 148	9101385
gamma-Chlordane	0.0167	0.0163		mg/kg wet	98	46 - 150	9101385
Chlordane	0.167	0.182		mg/kg wet	109	59 - 150	9101385
4,4'-DDD	0.0167	0.0157		mg/kg wet	94	47 - 150	9101385
4,4'-DDE	0.0167	0.0167		mg/kg wet	100	42 - 150	9101385
4,4'-DDT	0.0167	0.0137		mg/kg wet	82	38 - 150	9101385
Dieldrin	0.0167	0.0163	MHA	mg/kg wet	98	53 - 142	9101385
Endosulfan I	0.0167	0.0160		mg/kg wet	96	50 - 143	9101385
Endosulfan II	0.0167	0.0160		mg/kg wet	96	51 - 150	9101385
Endosulfan sulfate	0.0167	0.0140		mg/kg wet	84	49 - 143	9101385
Endrin	0.0167	0.0153		mg/kg wet	92	49 - 150	9101385
Endrin aldehyde	0.0167	0.0197		mg/kg wet	118	40 - 150	9101385
Endrin ketone	0.0167	0.0163		mg/kg wet	98	55 - 139	9101385
Heptachlor	0.0167	0.0157		mg/kg wet	94	49 - 149	9101385
Heptachlor epoxide	0.0167	0.0163		mg/kg wet	98	53 - 150	9101385
Methoxychlor	0.0167	0.0127		mg/kg wet	76	43 - 144	9101385
Toxaphene	0.333	0.323		mg/kg wet	97	18 - 150	9101385
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0333	0.0320		mg/kg wet	96	22 - 150	9101385
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0167	0.0160		mg/kg wet	96	22 - 150	9101385
<i>Surrogate: Decachlorobiphenyl</i>	0.0167	0.0160		mg/kg wet	96	25 - 150	9101385
<i>Surrogate: Decachlorobiphenyl</i>	0.0333	0.0323		mg/kg wet	97	25 - 150	9101385
Polychlorinated Biphenyls by EPA Method 8082							
PCB-1016	0.167	0.124		mg/kg wet	75	64 - 122	9101180
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0167	0.0133		mg/kg wet	80	19 - 147	9101180
<i>Surrogate: Decachlorobiphenyl</i>	0.0167	0.0120		mg/kg wet	72	20 - 150	9101180
Chlorinated Herbicides by EPA Method 8151A							
2,4-D	0.167	0.153		mg/kg wet	92	10 - 103	9100972
Dalapon	0.167	0.0197		mg/kg wet	12	10 - 150	9100972
2,4-DB	0.167	0.154		mg/kg wet	92	10 - 150	9100972
Dicamba	0.167	0.113		mg/kg wet	68	10 - 146	9100972
Dichloroprop	0.167	0.166		mg/kg wet	100	10 - 150	9100972
Dinoseb	0.167	0.0670		mg/kg wet	40	10 - 138	9100972
MCPA	16.7	15.7		mg/kg wet	94	10 - 150	9100972
MCPP	16.7	7.86		mg/kg wet	47	10 - 150	9100972

Client: C&C Peat Co., Inc.
 1650 CR470
 Okahumpka, FL 34762
 Attn: Stephen Cook

Work Order: NSJ0479
 Project: Quarterly Compost
 Project Number: [none]

Sampled: 10/06/09
 Received: 10/06/09

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Chlorinated Herbicides by EPA Method 8151A							
4-Nitrophenol	0.167	0.0583		mg/kg wet	35	10 - 135	9100972
Pentachlorophenol	0.167	0.0780		mg/kg wet	47	10 - 122	9100972
Picloram	0.167	0.0967		mg/kg wet	58	10 - 145	9100972
2,4,5-T	0.167	0.112		mg/kg wet	67	10 - 150	9100972
2,4,5-TP (Silvex)	0.167	0.111		mg/kg wet	67	10 - 139	9100972
Surrogate: Dichloroacetic Acid	0.167	0.145		mg/kg wet	87	10 - 150	9100972
Organophosphorous Pesticides (GC)							
Atrazine	0.663	0.480		mg/Kg dry	72	26 - 117	61761
Diazinon	0.166	0.112		mg/Kg dry	68	20 - 100	61761
Ethyl Parathion	0.166	0.136		mg/Kg dry	82	22 - 116	61761
Methyl parathion	0.166	0.127		mg/Kg dry	77	20 - 107	61761
Ronnel	0.166	0.106		mg/Kg dry	64	38 - 130	61761
Surrogate: Triphenylphosphate	0.166	0.136		mg/Kg dry	82	35 - 134	61761

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Polychlorinated Biphenyls by EPA Method 8082										
PCB-1016		0.122		mg/kg wet	0.167	73	2	50	9101180	
Surrogate: Tetrachloro-meta-xylene		0.0130		mg/kg wet	0.0167	78			9101180	
Surrogate: Decachlorobiphenyl		0.0117		mg/kg wet	0.0167	70			9101180	
Organophosphorous Pesticides (GC)										
Atrazine		0.473		mg/Kg dry	0.663	71	1	50	61761	Known
Diazinon		0.105		mg/Kg dry	0.166	63	7	50	61761	Known
Ethyl Parathion		0.126		mg/Kg dry	0.166	76	13	50	61761	Known
Methyl parathion		0.117		mg/Kg dry	0.166	70	8	50	61761	Known
Ronnel		0.103		mg/Kg dry	0.166	62	3	50	61761	Known
Surrogate: Triphenylphosphate		0.128		mg/Kg dry	0.166	77			61761	Known

Client: C&C Peat Co., Inc.
1650 CR470
Okahumpka, FL 34762
Attn: Stephen Cook

Work Order: NSJ0479
Project: Quarterly Compost
Project Number: [none]

Sampled: 10/06/09
Received: 10/06/09

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Organochlorine Pesticides by EPA Method 8081A									
Aldrin	<0.000498	0.0159		mg/kg wet	0.0166	96	34 - 150	9101385	NSJ0182-49
delta-BHC	<0.000398	0.0153		mg/kg wet	0.0166	92	15 - 147	9101385	NSJ0182-49
alpha-BHC	<0.000398	0.0156		mg/kg wet	0.0166	94	35 - 143	9101385	NSJ0182-49
beta-BHC	<0.00109	0.0176		mg/kg wet	0.0166	106	21 - 175	9101385	NSJ0182-49
gamma-BHC (Lindane)	<0.000398	0.0166		mg/kg wet	0.0166	100	36 - 147	9101385	NSJ0182-49
alpha-Chlordane	<0.000398	0.0166		mg/kg wet	0.0166	100	36 - 148	9101385	NSJ0182-49
gamma-Chlordane	<0.000398	0.0182		mg/kg wet	0.0166	110	31 - 150	9101385	NSJ0182-49
Chlordane	<0.0166	0.0166		mg/kg wet			10 - 175	9101385	NSJ0182-49
4,4'-DDD	<0.000597	0.0133		mg/kg wet	0.0166	80	27 - 166	9101385	NSJ0182-49
4,4'-DDE	<0.000398	0.0156		mg/kg wet	0.0166	94	32 - 150	9101385	NSJ0182-49
4,4'-DDT	<0.000398	0.0163		mg/kg wet	0.0166	98	36 - 150	9101385	NSJ0182-49
Endosulfan I	<0.000398	0.0153		mg/kg wet	0.0166	92	28 - 151	9101385	NSJ0182-49
Endosulfan II	<0.000498	0.0143		mg/kg wet	0.0166	86	28 - 166	9101385	NSJ0182-49
Endosulfan sulfate	<0.000398	0.0149		mg/kg wet	0.0166	90	34 - 149	9101385	NSJ0182-49
Endrin	<0.000498	0.0172		mg/kg wet	0.0166	104	24 - 173	9101385	NSJ0182-49
Endrin aldehyde	<0.000796	0.0179		mg/kg wet	0.0166	108	26 - 166	9101385	NSJ0182-49
Endrin ketone	<0.000697	0.0163		mg/kg wet	0.0166	98	44 - 152	9101385	NSJ0182-49
Heptachlor	<0.000498	0.0156		mg/kg wet	0.0166	94	33 - 160	9101385	NSJ0182-49
Heptachlor epoxide	<0.000498	0.0153		mg/kg wet	0.0166	92	38 - 150	9101385	NSJ0182-49
Methoxychlor	<0.000597	0.0143		mg/kg wet	0.0166	86	10 - 175	9101385	NSJ0182-49
Toxaphene	<0.0166	0.0166		mg/kg wet			10 - 175	9101385	NSJ0182-49
Surrogate: Tetrachloro-meta-xylene		0.0328		mg/kg wet	0.0332	99	22 - 150	9101385	NSJ0182-49
Surrogate: Decachlorobiphenyl		0.0295		mg/kg wet	0.0332	89	25 - 150	9101385	NSJ0182-49
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<0.0215	0.125		mg/kg dry	0.189	66	20 - 175	9101180	NSJ0275-03
PCB-1221	<0.0125	0.0125		mg/kg dry			17 - 175	9101180	NSJ0275-03
PCB-1232	<0.0227	0.0227		mg/kg dry			17 - 175	9101180	NSJ0275-03
PCB-1242	<0.0159	0.0159		mg/kg dry			21 - 175	9101180	NSJ0275-03
PCB-1248	<0.0125	0.0125		mg/kg dry			17 - 151	9101180	NSJ0275-03
PCB-1254	<0.0215	0.0215		mg/kg dry			32 - 160	9101180	NSJ0275-03
PCB-1260	<0.0159	0.0159		mg/kg dry			51 - 159	9101180	NSJ0275-03
Surrogate: Tetrachloro-meta-xylene		0.0136		mg/kg dry	0.0189	72	19 - 147	9101180	NSJ0275-03
Surrogate: Decachlorobiphenyl		0.0121		mg/kg dry	0.0189	64	20 - 150	9101180	NSJ0275-03
Chlorinated Herbicides by EPA Method 8151A									
2,4-D	<0.0118	0.204		mg/kg wet	0.164	124	10 - 161	9100972	NSJ0518-01
Dalapon	<0.0118	0.0118	J4,	mg/kg wet	0.164		10 - 150	9100972	NSJ0518-01
2,4-DB	<0.00986	0.137		mg/kg wet	0.164	83	10 - 182	9100972	NSJ0518-01
Dicamba	<0.0108	0.123		mg/kg wet	0.164	75	10 - 146	9100972	NSJ0518-01
Dichloroprop	<0.0138	0.208		mg/kg wet	0.164	126	10 - 178	9100972	NSJ0518-01

Client: C&C Peat Co., Inc.
 1650 CR470
 Okahumpka, FL 34762
 Attn: Stephen Cook

Work Order: NSJ0479
 Project: Quarterly Compost
 Project Number: [none]

Sampled: 10/06/09
 Received: 10/06/09

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Chlorinated Herbicides by EPA Method 8151A									
Dinoseb	<0.00986	0.0581		mg/kg wet	0.164	35	10 - 138	9100972	NSJ0518-01
MCPA	<0.270	20.2		mg/kg wet	16.4	123	10 - 200	9100972	NSJ0518-01
MCPP	<1.18	13.3		mg/kg wet	16.4	81	10 - 200	9100972	NSJ0518-01
4-Nitrophenol	<0.00986	0.116		mg/kg wet	0.164	71	10 - 135	9100972	NSJ0518-01
Pentachlorophenol	<0.00986	0.0854		mg/kg wet	0.164	52	10 - 122	9100972	NSJ0518-01
Picloram	<0.00986	0.0729		mg/kg wet	0.164	44	10 - 145	9100972	NSJ0518-01
2,4,5-T	<0.00986	0.116		mg/kg wet	0.164	71	10 - 157	9100972	NSJ0518-01
2,4,5-TP (Silvex)	<0.0108	0.123		mg/kg wet	0.164	75	10 - 139	9100972	NSJ0518-01
<i>Surrogate: Dichloroacetic Acid</i>		0.205		mg/kg wet	0.164	125	10 - 150	9100972	NSJ0518-01
Organophosphorous Pesticides (GC)									
Atrazine	<0.027	1.24		mg/Kg dry	2.06	60	26 - 117	61761	NSJ0479-01
Diazinon	<0.027	0.453		mg/Kg dry	0.515	88	20 - 100	61761	NSJ0479-01
Ethyl Parathion	<0.027	0.476		mg/Kg dry	0.515	92	22 - 116	61761	NSJ0479-01
Methyl parathion	<0.017	0.470		mg/Kg dry	0.515	91	20 - 107	61761	NSJ0479-01
Ronnel	<0.025	0.488		mg/Kg dry	0.515	95	38 - 130	61761	NSJ0479-01
<i>Surrogate: Triphenylphosphate</i>		0.194		mg/Kg dry	0.515	38	35 - 134	61761	NSJ0479-01

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1650 CR470
Okahumpka, FL 34762
Attn: Stephen Cook

Work Order: NSJ0479
Project: Quarterly Compost
Project Number: [none]

Sampled: 10/06/09
Received: 10/06/09

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Organochlorine Pesticides by EPA Method 8081A										
Aldrin	<0.000499	0.0166		mg/kg wet	0.0166	100	4	36	9101385	NSJ0182-49
delta-BHC	<0.000399	0.0160		mg/kg wet	0.0166	96	5	40	9101385	NSJ0182-49
alpha-BHC	<0.000399	0.0163		mg/kg wet	0.0166	98	4	38	9101385	NSJ0182-49
beta-BHC	<0.00110	0.0193		mg/kg wet	0.0166	116	9	50	9101385	NSJ0182-49
gamma-BHC (Lindane)	<0.000399	0.0170		mg/kg wet	0.0166	102	2	39	9101385	NSJ0182-49
alpha-Chlordane	<0.000399	0.0166		mg/kg wet	0.0166	100	0.3	37	9101385	NSJ0182-49
gamma-Chlordane	<0.000399	0.0180		mg/kg wet	0.0166	108	2	39	9101385	NSJ0182-49
Chlordane	<0.0167	0.0167		mg/kg wet				50	9101385	NSJ0182-49
4,4'-DDD	<0.000599	0.0130		mg/kg wet	0.0166	78	2	43	9101385	NSJ0182-49
4,4'-DDE	<0.000399	0.0160		mg/kg wet	0.0166	96	2	37	9101385	NSJ0182-49
4,4'-DDT	<0.000399	0.0286	J4	mg/kg wet	0.0166	172	1	45	9101385	NSJ0182-49
Endosulfan I	<0.000399	0.0146		mg/kg wet	0.0166	88	4	39	9101385	NSJ0182-49
Endosulfan II	<0.000499	0.0146		mg/kg wet	0.0166	88	3	44	9101385	NSJ0182-49
Endosulfan sulfate	<0.000399	0.0153		mg/kg wet	0.0166	92	2	40	9101385	NSJ0182-49
Endrin	<0.000499	0.0170		mg/kg wet	0.0166	102	2	48	9101385	NSJ0182-49
Endrin aldehyde	<0.000798	0.0180		mg/kg wet	0.0166	108	0.3	46	9101385	NSJ0182-49
Endrin ketone	<0.000699	0.0166		mg/kg wet	0.0166	100	2	44	9101385	NSJ0182-49
Heptachlor	<0.000499	0.0163		mg/kg wet	0.0166	98	4	38	9101385	NSJ0182-49
Heptachlor epoxide	<0.000499	0.0153		mg/kg wet	0.0166	92	0.3	34	9101385	NSJ0182-49
Methoxychlor	<0.000599	0.0146		mg/kg wet	0.0166	88	3	50	9101385	NSJ0182-49
Toxaphene	<0.0167	0.0167		mg/kg wet				50	9101385	NSJ0182-49
<i>Surrogate: Tetrachloro-meta-xylene</i>		0.0346		mg/kg wet	0.0333	104			9101385	NSJ0182-49
<i>Surrogate: Decachlorobiphenyl</i>		0.0299		mg/kg wet	0.0333	90			9101385	NSJ0182-49
Polychlorinated Biphenyls by EPA Method 8082										
PCB-1016	<0.0219	0.129		mg/kg dry	0.192	67	3	50	9101180	NSJ0275-03
PCB-1221	<0.0127	0.0127		mg/kg dry				50	9101180	NSJ0275-03
PCB-1232	<0.0231	0.0231		mg/kg dry				50	9101180	NSJ0275-03
PCB-1242	<0.0161	0.0161		mg/kg dry				35	9101180	NSJ0275-03
PCB-1248	<0.0127	0.0127		mg/kg dry				50	9101180	NSJ0275-03
PCB-1254	<0.0219	0.0219		mg/kg dry				37	9101180	NSJ0275-03
PCB-1260	<0.0161	0.0161		mg/kg dry				36	9101180	NSJ0275-03
<i>Surrogate: Tetrachloro-meta-xylene</i>		0.0127		mg/kg dry	0.0192	66			9101180	NSJ0275-03
<i>Surrogate: Decachlorobiphenyl</i>		0.0115		mg/kg dry	0.0192	60			9101180	NSJ0275-03
Chlorinated Herbicides by EPA Method 8151A										
2,4-D	<0.0117	0.173		mg/kg wet	0.163	106	16	50	9100972	NSJ0518-01
Dalapon	<0.0117	0.0117	J4,	mg/kg wet	0.163			50	9100972	NSJ0518-01
2,4-DB	<0.00978	0.125		mg/kg wet	0.163	77	9	50	9100972	NSJ0518-01
Dicamba	<0.0108	0.138		mg/kg wet	0.163	85	12	50	9100972	NSJ0518-01
Dichloroprop	<0.0137	0.175		mg/kg wet	0.163	107	17	50	9100972	NSJ0518-01

Client: C&C Peat Co., Inc.
 1650 CR470
 Okahumpka, FL 34762
 Attn: Stephen Cook

Work Order: NSJ0479
 Project: Quarterly Compost
 Project Number: [none]

Sampled: 10/06/09
 Received: 10/06/09

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Chlorinated Herbicides by EPA Method 8151A										
Dinoseb	<0.00978	0.0557		mg/kg wet	0.163	34	4	50	9100972	NSJ0518-01
MCPA	<0.268	14.3		mg/kg wet	16.3	87	34	50	9100972	NSJ0518-01
MCPP	<0.478	36.1		mg/kg wet	16.3	221		50	9100972	NSJ0518-01
4-Nitrophenol	<0.00978	0.115		mg/kg wet	0.163	71	0.8	50	9100972	NSJ0518-01
Pentachlorophenol	<0.00978	0.0886		mg/kg wet	0.163	54	4	50	9100972	NSJ0518-01
Picloram	<0.00978	0.0622		mg/kg wet	0.163	38	16	50	9100972	NSJ0518-01
2,4,5-T	<0.00978	0.106		mg/kg wet	0.163	65	9	50	9100972	NSJ0518-01
2,4,5-TP (Silvex)	<0.0108	0.124		mg/kg wet	0.163	76	1	50	9100972	NSJ0518-01
<i>Surrogate: Dichloroacetic Acid</i>		0.150		mg/kg wet	0.163	92			9100972	NSJ0518-01
Organophosphorous Pesticides (GC)										
Atrazine	<0.027	1.66		mg/Kg dry	2.08	80	29	50	61761	NSJ0479-01
Diazinon	<0.027	0.492		mg/Kg dry	0.519	95	8	50	61761	NSJ0479-01
Ethyl Parathion	<0.027	0.535		mg/Kg dry	0.519	103	12	50	61761	NSJ0479-01
Methyl parathion	<0.017	0.548		mg/Kg dry	0.519	106	1	50	61761	NSJ0479-01
Ronnel	<0.025	0.509		mg/Kg dry	0.519	98	4	50	61761	NSJ0479-01
<i>Surrogate: Triphenylphosphate</i>		0.217		mg/Kg dry	0.519	42			61761	NSJ0479-01

Client: C&C Peat Co., Inc.
1650 CR470
Okahumpka, FL 34762
Attn: Stephen Cook

Work Order: NSJ0479
Project: Quarterly Compost
Project Number: [none]

Sampled: 10/06/09
Received: 10/06/09

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	A2LA	AIHA	Nelac	Florida
SW846 8081A	Soil		N/A	X	X
SW846 8082	Soil		N/A	X	X
SW846 8151A	Soil		N/A	X	X
SW-846	Soil				

Subcontracted Laboratories

TestAmerica - Tallahassee, FL (14329)
2846 Industrial Plaza Dr - Tallahassee, FL 32301
Method Performed: 8141A STD Dry
Samples: NSJ0479-01
Method Performed: Moisture
Samples: NSJ0479-01RE1

DATA QUALIFIERS AND DEFINITIONS

- I** The reported value is between the laboratory method detection limit and method reporting limit.
- J1** Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
- J4** The sample matrix interfered with the ability to make an accurate determination.
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- U** The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

Results are reported on a wet weight basis unless otherwise noted.

ANALYTICAL REPORT

Job Number: 640-24090-1
SDG Number: NSJ0479
Job Description: C&C Peat Co., Inc.

For:
TestAmerica Laboratories, Inc
2960 Foster Creighton Drive
Nashville, TN 37204
Attention: Ms. Shali Brown



Approved for release.
Noel Savoie
Project Manager I
10/15/2009 4:45 PM

Noel Savoie
Project Manager I
noel.savoie@testamericainc.com
10/15/2009

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report. Measurement uncertainty data, as referenced in Section 20.12 of the TestAmerica Tallahassee Quality Assurance Manual, are available upon request.

Florida Department of Health Certification No. E81005

TestAmerica Laboratories, Inc.

TestAmerica Tallahassee 2846 Industrial Plaza Drive, Tallahassee, FL 32301
Tel (850) 878-3994 Fax (850) 878-9504 www.testamericainc.com



Job Narrative
640-J24090-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC Semi VOA

Method 8141A: Surrogate recovery for sample "NSJ0479-01" was outside acceptance limits, but passed in the matrix spike/matrix spike duplicate which was performed on this sample. The surrogate is flagged with a "J1" qualifier.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1

Sdg Number: NSJ0479

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Organophosphorous Pesticides (GC)	TAL TAL	SW846 8141A	
Ultrasonic Extraction	TAL TAL		SW846 3550B
Percent Moisture	TAL TAL	EPA Moisture	

Lab References:

TAL TAL = TestAmerica Tallahassee

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1

Sdg Number: NSJ0479

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
640-24090-1	NSJ0479-01	Solid	10/06/2009 1314	10/07/2009 0925

Analytical Data

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1

Sdg Number: NSJ0479

Client Sample ID: NSJ0479-01

Lab Sample ID: 640-24090-1

Date Sampled: 10/06/2009 1314

Client Matrix: Solid

% Moisture: 68.0

Date Received: 10/07/2009 0925

8141A Organophosphorous Pesticides (GC)

Method:	8141A	Analysis Batch: 640-61874	Instrument ID:	SGF
Preparation:	3550B	Prep Batch: 640-61761	Initial Weight/Volume:	00030.32 g
Dilution:	1.0		Final Weight/Volume:	10.0 mL
Date Analyzed:	10/13/2009 1600		Injection Volume:	1 uL
Date Prepared:	10/12/2009 0901		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Atrazine		0.027	U	0.027	0.20
Azinphos-methyl		0.014	U	0.014	0.20
Bolstar		0.026	U	0.026	0.10
Chlorpyrifos		0.026	U	0.026	0.10
Coumaphos		0.027	U	0.027	1.0
Demeton, Total		0.040	U	0.040	0.26
Diazinon		0.027	U	0.027	0.10
Dichlorvos		0.052	U	0.052	0.20
Dimethoate		0.031	U	0.031	0.20
Disulfoton		0.034	U	0.034	0.20
EPN		0.028	U	0.028	0.10
Ethoprop		0.046	U	0.046	0.052
Ethyl Parathion		0.027	U	0.027	0.10
Fensulfothion		0.031	U	0.031	1.0
Fenthion		0.027	U	0.027	0.10
Malathion		0.028	U	0.028	0.10
Merphos		0.026	U	0.026	0.10
Methyl parathion		0.017	U	0.017	0.052
Mevinphos		0.034	U	0.034	0.20
Monochrotophos		0.26	U	0.26	1.0
Naled		0.016	U	0.016	1.0
Phorate		0.034	U	0.034	0.10
Ronnel		0.025	U	0.025	0.10
Simazine		0.062	U	0.062	0.20
Stirophos		0.027	U	0.027	0.10
Sulfotepp		0.016	U	0.016	0.052
Tokuthion		0.024	U	0.024	0.10
Trichloronate		0.025	U	0.025	1.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
Triphenylphosphate		28	J1	35 - 134	

Analytical Data

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1
Sdg Number: NSJ0479

General Chemistry

Client Sample ID: NSJ0479-01

Lab Sample ID: 640-24090-1
Client Matrix: Solid

Date Sampled: 10/06/2009 1314
Date Received: 10/07/2009 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	32		%	0.00010	0.00010	1.0	Moisture

Analysis Batch: 640-61763 Date Analyzed (Start): 10/12/2009 0907 (End) 10/13/2009 0830 DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1

Sdg Number: NSJ0479

Lab Section	Qualifier	Description
GC Semi VOA		
	J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1

Sdg Number: NSJ0479

Surrogate Recovery Report

8141A Organophosphorous Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TPP1 %Rec	TPP2 %Rec
640-24090-1	NSJ0479-01		28J1
MB 640-61761/1-A		85	
LCS 640-61761/2-A		82	
LCSD 640-61761/3-A		77	
640-24090-1 MS	NSJ0479-01 MS		38
640-24090-1 MSD	NSJ0479-01 MSD		42

Surrogate

Acceptance Limits

TPP = Triphenylphosphate

35-134

Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1
Sdg Number: NSJ0479

Method Blank - Batch: 640-61761

Method: 8141A
Preparation: 3550B

Lab Sample ID: MB 640-61761/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1429
Date Prepared: 10/12/2009 0901

Analysis Batch: 640-61874
Prep Batch: 640-61761
Units: mg/Kg

Instrument ID: SGF Varian 3400
Lab File ID: 1J13F7.d
Initial Weight/Volume: 00030.29 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Atrazine	0.0087	U	0.0087	0.065
Azinphos-methyl	0.0044	U	0.0044	0.065
Bolstar	0.0084	U	0.0084	0.033
Chlorpyrifos	0.0083	U	0.0083	0.033
Coumaphos	0.0085	U	0.0085	0.33
Demeton, Total	0.013	U	0.013	0.082
Diazinon	0.0087	U	0.0087	0.033
Dichlorvos	0.017	U	0.017	0.065
Dimethoate	0.0099	U	0.0099	0.065
Disulfoton	0.011	U	0.011	0.065
EPN	0.0090	U	0.0090	0.033
Ethoprop	0.015	U	0.015	0.017
Ethyl Parathion	0.0087	U	0.0087	0.033
Fensulfotion	0.0099	U	0.0099	0.33
Fenthion	0.0088	U	0.0088	0.033
Malathion	0.0089	U	0.0089	0.033
Merphos	0.0082	U	0.0082	0.033
Methyl parathion	0.0053	U	0.0053	0.017
Mevinphos	0.011	U	0.011	0.065
Monochrotophos	0.084	U	0.084	0.33
Naled	0.0052	U	0.0052	0.33
Phorate	0.011	U	0.011	0.033
Ronnel	0.0079	U	0.0079	0.033
Simazine	0.020	U	0.020	0.065
Stirophos	0.0088	U	0.0088	0.033
Sulfotepp	0.0052	U	0.0052	0.017
Tokuthion	0.0076	U	0.0076	0.033
Trichloronate	0.0081	U	0.0081	0.33
Surrogate	% Rec		Acceptance Limits	
Triphenylphosphate	85		35 - 134	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1
Sdg Number: NSJ0479

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 640-61761**

**Method: 8141A
Preparation: 3550B**

LCS Lab Sample ID: LCS 640-61761/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1528
Date Prepared: 10/12/2009 0901

Analysis Batch: 640-61874
Prep Batch: 640-61761
Units: mg/Kg

Instrument ID: SGF Varian 3400
Lab File ID: 2J13F11.d
Initial Weight/Volume: 00030.18 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-61761/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1546
Date Prepared: 10/12/2009 0901

Analysis Batch: 640-61874
Prep Batch: 640-61761
Units: mg/Kg

Instrument ID: SGF Varian 3400
Lab File ID: 2J13F12.d
Initial Weight/Volume: 00030.16 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Atrazine	72	71	26 - 117	1	50		
Diazinon	68	63	20 - 100	7	50		
Ethyl Parathion	82	76	22 - 116	13	50		
Methyl parathion	77	70	20 - 107	8	50		
Ronnel	64	62	38 - 130	3	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-24090-1
Sdg Number: NSJ0479

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 640-61761**

**Method: 8141A
Preparation: 3550B**

MS Lab Sample ID: 640-24090-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1615
Date Prepared: 10/12/2009 0901

Analysis Batch: 640-61874
Prep Batch: 640-61761

Instrument ID: SGF Varian 3400
Lab File ID: 1J13F14.d
Initial Weight/Volume: 00030.30 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 640-24090-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1629
Date Prepared: 10/12/2009 0901

Analysis Batch: 640-61874
Prep Batch: 640-61761

Instrument ID: SGF Varian 3400
Lab File ID: 1J13F15.d
Initial Weight/Volume: 00030.06 g
Final Weight/Volume: 10.0 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Atrazine	60	80	26 - 117	29	50		
Diazinon	88	95	20 - 100	8	50		
Ethyl Parathion	92	103	22 - 116	12	50		
Methyl parathion	91	106	20 - 107	1	50		
Ronnel	95	98	38 - 130	4	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

SUBCONTRACT ORDER

TestAmerica Nashville

NSJ0479

640-24090

SENDING LABORATORY:

TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Shali Brown
Client: C&C Peat Co., Inc.

RECEIVING LABORATORY:

TestAmerica Tallahassee
2846 Industrial Plaza Dr
Tallahassee, FL 32301
Phone : (850) 878-3994
Fax: (850) 878-9504
Project Location: Florida
Receipt Temperature: 0.8 °C Ice: Y / N

If sample picked up by lab, \$50 courier fee.
8151 is Full List for this client please.

8 oz. glass jar lid was cracked when received in the lab.

Analysis Units Due Expires Interlab Price Surch Comments

Sample ID: NSJ0479-01

Soil

Sampled: 10/06/09 13:14

Subcontract - OP Pesticides mg/Kg dry 10/13/09 07/01/12 12:14 \$245.00 0% sub to Tallahassee

Containers Supplied:

4 oz. Glass Jar (A)

Wesley Kaye
Released By

10/6/09
Date/Time

J. B. Baker
Received By

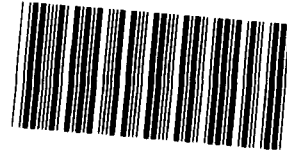
10-7-09 928
Date/Time

Released By

Date/Time

Date/Time

COOLER RECEIPT



NSJ0479

Cooler Received/Opened On: 10/7/2009 @ 8:00

1. Tracking # 8655 (last 4 digits, FedEx)

Courier : Fed-ex Ir Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 0.8 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA
If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA
Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (initial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO...# Was a PIPE generated? YES...NO...#

Client: C&C Peat Co., Inc.

Project: NSJ0479

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 10/06/09 15:25

And Opened On (Date/time): 10/6/09 15:25

Received By: Wesley Lagedrost

Logged in by: Wesley Lagedrost

Were custody seals on the outside of cooler? YES ___ NO If Yes # ___ Location _____

Were custody seals intact? YES ___ NO ___ N/A (no seals present)

Chain of Custody Complete? YES NO ___

Discrepancy Comments:

If sample picked up by lab, \$50 courier fee.

8151 is Full List for this client please.

8 oz. glass jar lid was cracked when received in the lab.

Cooler Temperature When Opened: 20.90 Degrees Celsius

Temperature Blank Included: YES ___ NO

Packing Material: Bubblewrap NONE ___ Other: elastic

Received on Ice: YES NO ___ Other: _____ Total # Of Containers: 2 # Vials ___

Any Bottles Broken? YES ___ NO If Yes Which One(s)? _____

Any Missing Samples? YES ___ NO If Yes Which One(s)? _____

pH Levels: H2SO4 <=2? ___ HNO3 <=2? ___ HCL <=2? ___ NaOH >=10? ___

Of Containers Unpreserved between 6 and 8? _____

Any Air Bubbles in VOA Vials? YES ___ NO ___ N/A (no VOA vials received)

Was there enough sample shipped in each container? YES NO WL 10/6/09

Correct Preservatives Used? YES NO ___ If No, see comments:

Project Manager: Shali Brown

Corrective Actions Taken

SUBCONTRACT ORDER

TestAmerica Nashville

NSJ0479

NSJ0479

10/15/09 23:59

SENDING LABORATORY:

TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Shali Brown
Client: C&C Peat Co., Inc.

RECEIVING LABORATORY:

TestAmerica Tallahassee
2846 Industrial Plaza Dr
Tallahassee, FL 32301
Phone : (850) 878-3994
Fax: (850) 878-9504
Project Location: Florida
Receipt Temperature: _____ °C Ice: Y / N

If sample picked up by lab, \$50 courier fee.
8151 is Full List for this client please.

8 oz. glass jar lid was cracked when received in the lab.

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
----------	-------	-----	---------	----------------	-------	----------

Sample ID: NSJ0479-01 Soil Sampled: 10/06/09 13:14

Subcontract - OP Pesticides	mg/Kg dry	10/13/09	07/01/12 12:14	\$245.00	0%	sub to Tallahassee
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Containers Supplied:

4 oz. Glass Jar (A)

Walter Kaye

Released By

10/6/09

Date/Time

Received By

Date/Time

Released By

Date/Time

Received By

Date/Time