

4/30/2010 3:45:34PM

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

Work Order: NTD1379  
Project Name: Quarterly Compost  
Project Number: [none]  
Date Received: 04/15/10

Attn: Stephen Cook

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
FINISHED COMPOST	NTD1379-01	04/15/10 11:40

Comments:

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  
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Sampled: 04/15/10  
Received: 04/15/10

### 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>
	5120	2.2C	No	Yes	Yes
	Default Cooler	0.4C	No	Yes	Yes

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## LABORATORY REPORT

Sample ID: FINISHED COMPOST - Lab Number: NTD1379-01 - Matrix: Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>General Chemistry Parameters</b>											
Solids	% Dry Solids	52.1		%	0.500	0.500	1	04/19/10 07:43	HLB	SW-846	10D2848
<b>Organochlorine Pesticides by EPA Method 8081A</b>											
309-00-2	Aldrin	0.00476	RL1,U	mg/kg dry	0.00476	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
319-86-8	delta-BHC	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
319-84-6	alpha-BHC	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
319-85-7	beta-BHC	0.0105	RL1,U	mg/kg dry	0.0105	0.0314	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
58-89-9	gamma-BHC (Lindane)	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
5103-71-9	alpha-Chlordane	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
5103-74-2	gamma-Chlordane	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
57-74-9	Chlordane	0.159	RL1,U	mg/kg dry	0.159	0.635	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
72-54-8	4,4'-DDD	0.00571	RL1,U	mg/kg dry	0.00571	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
72-55-9	4,4'-DDE	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
50-29-3	4,4'-DDT	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
60-57-1	Dieldrin	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
959-98-8	Endosulfan I	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
33213-65-9	Endosulfan II	0.00476	RL1,U	mg/kg dry	0.00476	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
1031-07-8	Endosulfan sulfate	0.00381	RL1,U	mg/kg dry	0.00381	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
72-20-8	Endrin	0.00476	RL1,U	mg/kg dry	0.00476	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
7421-93-4	Endrin aldehyde	0.00761	RL1,U	mg/kg dry	0.00761	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
53494-70-5	Endrin ketone	0.00666	RL1,U	mg/kg dry	0.00666	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
76-44-8	Heptachlor	0.00476	RL1,U	mg/kg dry	0.00476	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
1024-57-3	Heptachlor epoxide	0.00476	RL1,U	mg/kg dry	0.00476	0.0162	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
72-43-5	Methoxychlor	0.00571	RL1,U	mg/kg dry	0.00571	0.0314	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
8001-35-2	Toxaphene	0.159	RL1,U	mg/kg dry	0.159	0.635	5	04/22/10 13:17	JLF	SW846 8081A	10D3016
	Surrogate: Tetrachloro-meta-xylene (22-150%)	*	J1,U								
	Surrogate: Decachlorobiphenyl (25-150%)	80 %									
<b>Polychlorinated Biphenyls by EPA Method 8082</b>											
12674-11-2	PCB-1016	0.0356	U	mg/kg dry	0.0356	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
11104-28-2	PCB-1221	0.0206	U	mg/kg dry	0.0206	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
11141-16-5	PCB-1232	0.0375	U	mg/kg dry	0.0375	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028

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CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Polychlorinated Biphenyls by EPA Method 8082 - Cont.</b>											
53469-21-9	PCB-1242	0.0262	U	mg/kg dry	0.0262	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
12672-29-6	PCB-1248	0.0206	U	mg/kg dry	0.0206	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
11097-69-1	PCB-1254	0.0356	U	mg/kg dry	0.0356	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
11096-82-5	PCB-1260	0.0262	U	mg/kg dry	0.0262	0.0624	1	04/21/10 04:01	WAM	SW846 8082	10D3028
	<i>Surrogate: Tetrachloro-meta-xylene (19-147%)</i>	90 %									
	<i>Surrogate: Decachlorobiphenyl (20-150%)</i>	72 %									
<b>Chlorinated Herbicides by EPA Method 8151A</b>											
94-75-7	2,4-D	0.0227	U	mg/kg dry	0.0227	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
75-99-0	Dalapon	0.0227	U	mg/kg dry	0.0227	0.316	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
94-82-6	2,4-DB	0.0189	U	mg/kg dry	0.0189	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
1918-00-9	Dicamba	0.0208	U	mg/kg dry	0.0208	0.0625	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
120-36-5	Dichloroprop	0.0265	U	mg/kg dry	0.0265	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
88-85-7	Dinoseb	0.0189	J3,S10,U	mg/kg dry	0.0189	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
94-74-6	MCPA	0.519	U	mg/kg dry	0.519	6.30	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
7085-19-0	MCPP	0.926	U	mg/kg dry	0.926	6.30	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
100-02-7	4-Nitrophenol	0.0189	U	mg/kg dry	0.0189	0.0625	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
87-86-5	Pentachlorophenol	0.0189	U	mg/kg dry	0.0189	0.0625	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
1918-02-1	Picloram	0.0189	U	mg/kg dry	0.0189	0.0625	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
93-76-5	2,4,5-T	0.0189	U	mg/kg dry	0.0189	0.0625	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
93-72-1	2,4,5-TP (Silvex)	0.0208	U	mg/kg dry	0.0208	0.0322	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
50594-66-6	Acifluorfen	0.0189	J3,S10,U	mg/kg dry	0.0189	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
133-90-4	Chloramben	0.0208	U	mg/kg dry	0.0208	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
1861-32-1	DCPA	0.0189	U	mg/kg dry	0.0189	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
51-36-5	3,5-Dichlorobenzoic acid	0.0265	U	mg/kg dry	0.0265	0.126	1	04/19/10 18:31	JLF	SW846 8151A	10D2989
	<i>Surrogate: Dichloroacetic Acid (10-150%)</i>	61 %									
<b>Organophosphorous Pesticides (GC)</b>											
1912-24-9	Atrazine	0.014	U	mg/Kg dry	0.014	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
86-50-0	Azinphos-methyl	0.0070	U	mg/Kg dry	0.0070	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
35400-43-2	Bolstar	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
2921-88-2	Chlorpyrifos	0.013	U	mg/Kg dry	0.013	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980

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CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Organophosphorous Pesticides (GC) - Cont.</b>											
56-72-4	Coumaphos	0.014	U	mg/Kg dry	0.014	0.52	1	04/29/10 19:21	MLT	8141A STD Dry	67980
333-41-5	Diazinon	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
62-73-7	Dichlorvos	0.027	U	mg/Kg dry	0.027	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
60-51-5	Dimethoate	0.016	U	mg/Kg dry	0.016	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
298-04-4	Disulfoton	0.017	U	mg/Kg dry	0.017	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
2104-64-5	EPN	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
13194-48-4	Ethoprop	0.024	U	mg/Kg dry	0.024	0.027	1	04/29/10 19:21	MLT	8141A STD Dry	67980
115-90-2	Fensulfothion	0.016	U	mg/Kg dry	0.016	0.52	1	04/29/10 19:21	MLT	8141A STD Dry	67980
55-38-9	Fenthion	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
121-75-5	Malathion	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
298-00-0	Methyl parathion	0.0086	U	mg/Kg dry	0.0086	0.027	1	04/29/10 19:21	MLT	8141A STD Dry	67980
7786-34-7	Mevinphos	0.017	U	mg/Kg dry	0.017	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
6923-22-4	Monochrotophos	0.14	U	mg/Kg dry	0.14	0.52	1	04/29/10 19:21	MLT	8141A STD Dry	67980
300-76-5	Naled	0.0083	U,J3	mg/Kg dry	0.0083	0.52	1	04/29/10 19:21	MLT	8141A STD Dry	67980
298-02-2	Phorate	0.017	U	mg/Kg dry	0.017	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
299-84-3	Ronnel	0.013	U	mg/Kg dry	0.013	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
122-34-9	Simazine	0.032	U	mg/Kg dry	0.032	0.10	1	04/29/10 19:21	MLT	8141A STD Dry	67980
22248-79-9	Stirophos	0.014	U	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
3689-24-5	Sulfotepp	0.0084	U	mg/Kg dry	0.0084	0.027	1	04/29/10 19:21	MLT	8141A STD Dry	67980
34643-46-4	Tokuthion	0.012	U	mg/Kg dry	0.012	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
327-98-0	Trichloronate	0.013	U	mg/Kg dry	0.013	0.52	1	04/29/10 19:21	MLT	8141A STD Dry	67980
56-38-2	<b>Ethyl Parathion</b>	<b>0.018</b>	I	mg/Kg dry	0.014	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
<i>Surrogate: Triphenylphosphate (35-134%)</i>		78 %									
8065-48-3	Demeton, Total	0.021	U	mg/Kg dry	0.021	0.13	1	04/29/10 19:21	MLT	8141A STD Dry	67980
150-50-5	Merphos	0.013	U	mg/Kg dry	0.013	0.052	1	04/29/10 19:21	MLT	8141A STD Dry	67980
<b>Percent Moisture</b>											
STL00234	<b>Percent Solids</b>	<b>63</b>		%	0.00010	0.00010	1	04/22/10 04:00	SRK	Moisture	67988

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Sampled: 04/15/10  
Received: 04/15/10

### SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Organochlorine Pesticides by EPA Method 8081A	NTD1379-01	30.3 g	10.0 mL	04/19/2010	AJF	EPA 3550B
Organochlorine Pesticides by EPA Method 8081A	NTD1379-01RE1	30.3 g	10.0 mL	04/19/2010	AJF	EPA 3550B
Polychlorinated Biphenyls by EPA Method 8082	NTD1379-01	30.7 g	10.0 mL	04/19/2010	AJF	EPA 3550C/3665A
Chlorinated Herbicides by EPA Method 8151A	NTD1379-01	30.4 g	10.0 mL	04/17/2010	SAS	EPA 8151A
Chlorinated Herbicides by EPA Method 8151A	NTD1379-01RE1	23.5 g	10.0 mL	04/23/2010	SAS	EPA 8151A

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Sampled: 04/15/10  
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**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Organochlorine Pesticides by EPA Method 8081A</b>					
Aldrin	0.000500	U	mg/kg wet	10D3016	10D3016-BLK1
delta-BHC	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
alpha-BHC	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
beta-BHC	0.00110	U	mg/kg wet	10D3016	10D3016-BLK1
gamma-BHC (Lindane)	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
alpha-Chlordane	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
gamma-Chlordane	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
Chlordane	0.0167	U	mg/kg wet	10D3016	10D3016-BLK1
4,4'-DDD	0.000600	U	mg/kg wet	10D3016	10D3016-BLK1
4,4'-DDE	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
4,4'-DDT	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
Dieldrin	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
Endosulfan I	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
Endosulfan II	0.000500	U	mg/kg wet	10D3016	10D3016-BLK1
Endosulfan sulfate	0.000400	U	mg/kg wet	10D3016	10D3016-BLK1
Endrin	0.000500	U	mg/kg wet	10D3016	10D3016-BLK1
Endrin aldehyde	0.000800	U	mg/kg wet	10D3016	10D3016-BLK1
Endrin ketone	0.000700	U	mg/kg wet	10D3016	10D3016-BLK1
Heptachlor	0.000500	U	mg/kg wet	10D3016	10D3016-BLK1
Heptachlor epoxide	0.000500	U	mg/kg wet	10D3016	10D3016-BLK1
Methoxychlor	0.000600	U	mg/kg wet	10D3016	10D3016-BLK1
Toxaphene	0.0167	U	mg/kg wet	10D3016	10D3016-BLK1
Surrogate: Tetrachloro-meta-xylene	0.0133		mg/kg wet	10D3016	10D3016-BLK1
Surrogate: Decachlorobiphenyl	0.0153		mg/kg wet	10D3016	10D3016-BLK1
<b>Polychlorinated Biphenyls by EPA Method 8082</b>					
PCB-1016	0.0190	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1221	0.0110	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1232	0.0200	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1242	0.0140	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1248	0.0110	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1254	0.0190	U	mg/kg wet	10D3028	10D3028-BLK1
PCB-1260	0.0140	U	mg/kg wet	10D3028	10D3028-BLK1
Surrogate: Tetrachloro-meta-xylene	0.0157		mg/kg wet	10D3028	10D3028-BLK1
Surrogate: Decachlorobiphenyl	0.0207		mg/kg wet	10D3028	10D3028-BLK1
<b>Chlorinated Herbicides by EPA Method 8151A</b>					
2,4-D	0.0120	U	mg/kg wet	10D2989	10D2989-BLK1
Dalapon	0.0120	U	mg/kg wet	10D2989	10D2989-BLK1
2,4-DB	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
Dicamba	0.0110	U	mg/kg wet	10D2989	10D2989-BLK1
Dichloroprop	0.0140	U	mg/kg wet	10D2989	10D2989-BLK1

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**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Chlorinated Herbicides by EPA Method 8151A</b>					
Dinoseb	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
MCPA	0.274	U	mg/kg wet	10D2989	10D2989-BLK1
MCPP	0.489	U	mg/kg wet	10D2989	10D2989-BLK1
4-Nitrophenol	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
Pentachlorophenol	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
Picloram	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
2,4,5-T	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
2,4,5-TP (Silvex)	0.0110	U	mg/kg wet	10D2989	10D2989-BLK1
Acifluorfen	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
Chloramben	0.0110	U	mg/kg wet	10D2989	10D2989-BLK1
DCPA	0.0100	U	mg/kg wet	10D2989	10D2989-BLK1
3,5-Dichlorobenzoic acid	0.0140	U	mg/kg wet	10D2989	10D2989-BLK1
Surrogate: Dichloroacetic Acid	0.221		mg/kg wet	10D2989	10D2989-BLK1
<b>Organophosphorous Pesticides (GC)</b>					
Atrazine	0.0087	U	mg/Kg dry	67980	640-68334-1
Azinphos-methyl	0.0044	U	mg/Kg dry	67980	640-68334-1
Bolstar	0.0084	U	mg/Kg dry	67980	640-68334-1
Chlorpyrifos	0.0083	U	mg/Kg dry	67980	640-68334-1
Coumaphos	0.0085	U	mg/Kg dry	67980	640-68335-1
Diazinon	0.0087	U	mg/Kg dry	67980	640-68334-1
Dichlorvos	0.017	U	mg/Kg dry	67980	640-68334-1
Dimethoate	0.0099	U	mg/Kg dry	67980	640-68334-1
Disulfoton	0.011	U	mg/Kg dry	67980	640-68334-1
EPN	0.0090	U	mg/Kg dry	67980	640-68334-1
Ethoprop	0.015	U	mg/Kg dry	67980	640-68334-1
Fensulfothion	0.0099	U	mg/Kg dry	67980	640-68334-1
Fenthion	0.0088	U	mg/Kg dry	67980	640-68334-1
Malathion	0.0089	U	mg/Kg dry	67980	640-68334-1
Methyl parathion	0.0054	U	mg/Kg dry	67980	640-68334-1
Mevinphos	0.011	U	mg/Kg dry	67980	640-68334-1
Monochrotophos	0.084	U	mg/Kg dry	67980	640-68334-1
Naled	0.0052	U	mg/Kg dry	67980	640-68334-1
Phorate	0.011	U	mg/Kg dry	67980	640-68334-1
Ronnel	0.0079	U	mg/Kg dry	67980	640-68334-1
Simazine	0.020	U	mg/Kg dry	67980	640-68334-1
Stirophos	0.0088	U	mg/Kg dry	67980	640-68334-1
Sulfotepp	0.0053	U	mg/Kg dry	67980	640-68334-1
Tokuthion	0.0076	U	mg/Kg dry	67980	640-68334-1
Trichloronate	0.0081	U	mg/Kg dry	67980	640-68334-1
Ethyl Parathion	0.0087	U	mg/Kg dry	67980	640-68334-1



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

Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Organophosphorous Pesticides (GC)</b>					
<i>Surrogate: Triphenylphosphate</i>	0.140		mg/Kg dry	67980	640-68335-1
Demeton, Total	0.013	U	mg/Kg dry	67980	640-68334-1
Merphos	0.0082	U	mg/Kg dry	67980	640-68334-1

**Chlorinated Herbicides by EPA Method 8151A**

**PROJECT QUALITY CONTROL DATA**  
**Duplicate**

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
<b>General Chemistry Parameters</b>								
% Dry Solids	86.9	89.1		%	2	20	10D2848	NTD1365-03

Client: C&C Peat Co., Inc.  
 1650 CR470  
 Okahumpka, FL 34762  
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Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Organochlorine Pesticides by EPA Method 8081A</b>							
Aldrin		0.000500		mg/kg wet		43 - 150	10D3016
Aldrin	0.0167	0.0127		mg/kg wet	76	43 - 150	10D3016
delta-BHC	0.0167	0.0127		mg/kg wet	76	34 - 147	10D3016
delta-BHC		0.000400		mg/kg wet		34 - 147	10D3016
alpha-BHC	0.0167	0.0127		mg/kg wet	76	47 - 142	10D3016
alpha-BHC		0.000400		mg/kg wet		47 - 142	10D3016
beta-BHC	0.0167	0.0137		mg/kg wet	82	52 - 148	10D3016
beta-BHC		0.00110		mg/kg wet		52 - 148	10D3016
gamma-BHC (Lindane)		0.000400		mg/kg wet		53 - 142	10D3016
gamma-BHC (Lindane)	0.0167	0.0130		mg/kg wet	78	53 - 142	10D3016
alpha-Chlordane	0.0167	0.0153		mg/kg wet	92	50 - 148	10D3016
alpha-Chlordane		0.000400		mg/kg wet		50 - 148	10D3016
gamma-Chlordane	0.0167	0.0137		mg/kg wet	82	46 - 150	10D3016
gamma-Chlordane		0.000400		mg/kg wet		46 - 150	10D3016
Chlordane	0.167	0.114		mg/kg wet	68	59 - 150	10D3016
Chlordane		0.0167		mg/kg wet		59 - 150	10D3016
4,4'-DDD	0.0167	0.0147		mg/kg wet	88	47 - 150	10D3016
4,4'-DDD		0.000600		mg/kg wet		47 - 150	10D3016
4,4'-DDE		0.000400		mg/kg wet		42 - 150	10D3016
4,4'-DDE	0.0167	0.0133		mg/kg wet	80	42 - 150	10D3016
4,4'-DDT	0.0167	0.0150		mg/kg wet	90	38 - 150	10D3016
4,4'-DDT		0.000400		mg/kg wet		38 - 150	10D3016
Dieldrin	0.0167	0.0130		mg/kg wet	78	53 - 142	10D3016
Dieldrin		0.000400		mg/kg wet		53 - 142	10D3016
Endosulfan I		0.000400		mg/kg wet		50 - 143	10D3016
Endosulfan I	0.0167	0.0137		mg/kg wet	82	50 - 143	10D3016
Endosulfan II	0.0167	0.0140		mg/kg wet	84	51 - 150	10D3016
Endosulfan II		0.000500		mg/kg wet		51 - 150	10D3016
Endosulfan sulfate	0.0167	0.0157		mg/kg wet	94	49 - 143	10D3016
Endosulfan sulfate		0.000400		mg/kg wet		49 - 143	10D3016
Endrin	0.0167	0.0150		mg/kg wet	90	49 - 150	10D3016
Endrin		0.000500		mg/kg wet		49 - 150	10D3016
Endrin aldehyde	0.0167	0.0163		mg/kg wet	98	40 - 150	10D3016
Endrin aldehyde		0.000800		mg/kg wet		40 - 150	10D3016
Endrin ketone	0.0167	0.0147		mg/kg wet	88	55 - 139	10D3016
Endrin ketone		0.000700		mg/kg wet		55 - 139	10D3016
Heptachlor	0.0167	0.0130		mg/kg wet	78	49 - 149	10D3016
Heptachlor		0.000500		mg/kg wet		49 - 149	10D3016

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

Work Order: NTD1379  
Project: Quarterly Compost  
Project Number: [none]

Sampled: 04/15/10  
Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Organochlorine Pesticides by EPA Method 8081A</b>							
Heptachlor epoxide		0.000500		mg/kg wet		53 - 150	10D3016
Heptachlor epoxide	0.0167	0.0140		mg/kg wet	84	53 - 150	10D3016
Methoxychlor	0.0167	0.0163		mg/kg wet	98	43 - 144	10D3016
Methoxychlor		0.000600		mg/kg wet		43 - 144	10D3016
Toxaphene		0.0167		mg/kg wet		18 - 150	10D3016
Toxaphene	0.333	0.221		mg/kg wet	66	18 - 150	10D3016
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0123		mg/kg wet	74	22 - 150	10D3016
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0123		mg/kg wet	74	22 - 150	10D3016
Surrogate: Decachlorobiphenyl	0.0167	0.0147		mg/kg wet	88	25 - 150	10D3016
Surrogate: Decachlorobiphenyl	0.0167	0.0150		mg/kg wet	90	25 - 150	10D3016
<b>Polychlorinated Biphenyls by EPA Method 8082</b>							
PCB-1016	0.167	0.199		mg/kg wet	120	64 - 122	10D3028
PCB-1221		0.0110		mg/kg wet		44 - 144	10D3028
PCB-1232		0.0200		mg/kg wet		44 - 144	10D3028
PCB-1242		0.0140		mg/kg wet		45 - 137	10D3028
PCB-1248		0.0110		mg/kg wet		44 - 139	10D3028
PCB-1254		0.0190		mg/kg wet		72 - 137	10D3028
PCB-1260	0.167	0.218		mg/kg wet	131	56 - 150	10D3028
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0193		mg/kg wet	116	19 - 147	10D3028
Surrogate: Decachlorobiphenyl	0.0167	0.0237		mg/kg wet	142	20 - 150	10D3028
<b>Chlorinated Herbicides by EPA Method 8151A</b>							
2,4-D	0.167	0.174	J3	mg/kg wet	105	10 - 103	10D2989
Dalapon	0.167	0.0290	J4,	mg/kg wet	17	10 - 150	10D2989
2,4-DB	0.167	0.213	J4	mg/kg wet	128	10 - 150	10D2989
Dicamba	0.167	0.148	J4	mg/kg wet	89	10 - 146	10D2989
Dichloroprop	0.167	0.244	J4	mg/kg wet	146	10 - 150	10D2989
Dinoseb	0.167	0.0100	J3,J4,	mg/kg wet		10 - 138	10D2989
MCPA	16.7	15.7	J4	mg/kg wet	94	10 - 150	10D2989
MCPP	16.7	19.5	J4	mg/kg wet	117	10 - 150	10D2989
4-Nitrophenol	0.167	0.0223	J4,	mg/kg wet	13	10 - 135	10D2989
Pentachlorophenol	0.167	0.102	J4	mg/kg wet	61	10 - 122	10D2989
Picloram	0.167	0.0817	J4	mg/kg wet	49	10 - 145	10D2989
2,4,5-T	0.167	0.141	J4	mg/kg wet	85	10 - 150	10D2989
2,4,5-TP (Silvex)	0.167	0.141	J4	mg/kg wet	84	10 - 139	10D2989
Acifluorfen	0.167	0.0100	J3,J4,	mg/kg wet		10 - 134	10D2989
Chloramben	0.167	0.0573	J4,	mg/kg wet	34	10 - 150	10D2989
DCPA	0.167	0.0763	J4	mg/kg wet	46	10 - 109	10D2989
3,5-Dichlorobenzoic acid	0.167	0.215	J4	mg/kg wet	129	10 - 150	10D2989

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

Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Chlorinated Herbicides by EPA Method 8151A</b>							
<i>Surrogate: Dichloroacetic Acid</i>	0.167	0.218	J4	mg/kg wet	130	10 - 150	10D2989
<b>Organophosphorous Pesticides (GC)</b>							
Atrazine	0.659	0.437		mg/Kg dry	66	26 - 117	67980
Diazinon	0.165	0.0931		mg/Kg dry	57	20 - 100	67980
Methyl parathion	0.165	0.104		mg/Kg dry	63	20 - 107	67980
Naled	0.659	0.138	J3	mg/Kg dry	21	50 - 130	67980
Ronnel	0.165	0.0967		mg/Kg dry	59	38 - 130	67980
Ethyl Parathion	0.165	0.102		mg/Kg dry	62	22 - 116	67980
<i>Surrogate: Triphenylphosphate</i>	0.165	0.126		mg/Kg dry	77	35 - 134	67980

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
<b>Organophosphorous Pesticides (GC)</b>										
Atrazine		0.493		mg/Kg dry	0.663	74	12	50	67980	Known
Diazinon		0.104		mg/Kg dry	0.166	63	11	50	67980	Known
Methyl parathion		0.116		mg/Kg dry	0.166	70	11	50	67980	Known
Naled		0.140	I,J3	mg/Kg dry	0.663	21	1	50	67980	Known
Ronnel		0.108		mg/Kg dry	0.166	65	11	50	67980	Known
Ethyl Parathion		0.111		mg/Kg dry	0.166	67	8	50	67980	Known
<i>Surrogate: Triphenylphosphate</i>		0.131		mg/Kg dry	0.166	79			67980	Known

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

Work Order: NTD1379  
Project: Quarterly Compost  
Project Number: [none]

Sampled: 04/15/10  
Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>Organochlorine Pesticides by EPA Method 8081A</b>									
Aldrin	<0.000934	0.0268		mg/kg dry	0.0311	86	34 - 150	10D3016	NTD1379-01
delta-BHC	<0.000748	0.0374		mg/kg dry	0.0311	120	15 - 147	10D3016	NTD1379-01
alpha-BHC	<0.000748	0.0299		mg/kg dry	0.0311	96	35 - 143	10D3016	NTD1379-01
beta-BHC	<0.00206	0.0424		mg/kg dry	0.0311	136	21 - 175	10D3016	NTD1379-01
gamma-BHC (Lindane)	<0.000748	0.0255		mg/kg dry	0.0311	82	36 - 147	10D3016	NTD1379-01
alpha-Chlordane	<0.000748	0.0249		mg/kg dry	0.0311	80	36 - 148	10D3016	NTD1379-01
gamma-Chlordane	0.00698	0.0330		mg/kg dry	0.0311	84	31 - 150	10D3016	NTD1379-01
Chlordane	<0.0312	0.0312		mg/kg dry			10 - 175	10D3016	NTD1379-01
4,4'-DDD	<0.00112	0.0212		mg/kg dry	0.0311	68	27 - 166	10D3016	NTD1379-01
4,4'-DDE	<0.000748	0.0231		mg/kg dry	0.0311	74	32 - 150	10D3016	NTD1379-01
4,4'-DDT	<0.000748	0.0255		mg/kg dry	0.0311	82	36 - 150	10D3016	NTD1379-01
Dieldrin	<0.000748	0.0199		mg/kg dry	0.0311	64	26 - 157	10D3016	NTD1379-01
Endosulfan I	<0.000748	0.0231		mg/kg dry	0.0311	74	28 - 151	10D3016	NTD1379-01
Endosulfan II	<0.000934	0.0224		mg/kg dry	0.0311	72	28 - 166	10D3016	NTD1379-01
Endosulfan sulfate	<0.000748	0.0368		mg/kg dry	0.0311	118	34 - 149	10D3016	NTD1379-01
Endrin	<0.000934	0.0231		mg/kg dry	0.0311	74	24 - 173	10D3016	NTD1379-01
Endrin aldehyde	<0.00150	0.0193		mg/kg dry	0.0311	62	26 - 166	10D3016	NTD1379-01
Endrin ketone	<0.00131	0.0305		mg/kg dry	0.0311	98	44 - 152	10D3016	NTD1379-01
Heptachlor	<0.000934	0.0274		mg/kg dry	0.0311	88	33 - 160	10D3016	NTD1379-01
Heptachlor epoxide	<0.000934	0.0287		mg/kg dry	0.0311	92	38 - 150	10D3016	NTD1379-01
Methoxychlor	<0.00112	0.185	J4	mg/kg dry	0.0311	594	10 - 175	10D3016	NTD1379-01
Toxaphene	<0.0312	0.0312		mg/kg dry			10 - 175	10D3016	NTD1379-01
Surrogate: Tetrachloro-meta-xylene		0.0710	J1	mg/kg dry	0.0311	228	22 - 150	10D3016	NTD1379-01
Surrogate: Decachlorobiphenyl		0.0498	J1	mg/kg dry	0.0311	160	25 - 150	10D3016	NTD1379-01
<b>Polychlorinated Biphenyls by EPA Method 8082</b>									
PCB-1016	<0.0185	0.134		mg/kg wet	0.162	83	20 - 175	10D3028	NTD1544-01
PCB-1221	<0.0107	0.0107		mg/kg wet			17 - 175	10D3028	NTD1544-01
PCB-1232	<0.0194	0.0194		mg/kg wet			17 - 175	10D3028	NTD1544-01
PCB-1242	<0.0136	0.0136		mg/kg wet			21 - 175	10D3028	NTD1544-01
PCB-1248	<0.0107	0.0107		mg/kg wet			17 - 151	10D3028	NTD1544-01
PCB-1254	<0.0185	0.0185		mg/kg wet			32 - 160	10D3028	NTD1544-01
PCB-1260	<0.0136	0.165		mg/kg wet	0.162	102	51 - 159	10D3028	NTD1544-01
Surrogate: Tetrachloro-meta-xylene		0.0130		mg/kg wet	0.0162	80	19 - 147	10D3028	NTD1544-01
Surrogate: Decachlorobiphenyl		0.0185		mg/kg wet	0.0162	114	20 - 150	10D3028	NTD1544-01
<b>Chlorinated Herbicides by EPA Method 8151A</b>									
2,4-D	<0.0134	0.208		mg/kg dry	0.186	112	10 - 161	10D2989	NTD1416-08
Dalapon	0.0184	0.0450		mg/kg dry	0.186	14	10 - 150	10D2989	NTD1416-08
2,4-DB	<0.0112	0.206		mg/kg dry	0.186	111	10 - 182	10D2989	NTD1416-08
Dicamba	<0.0123	0.134		mg/kg dry	0.186	72	10 - 146	10D2989	NTD1416-08

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

Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>Chlorinated Herbicides by EPA Method 8151A</b>									
Dichloroprop	<0.0156	0.261		mg/kg dry	0.186	140	10 - 178	10D2989	NTD1416-08
Dinoseb	<0.0112	0.0112	J4,	mg/kg dry	0.186		10 - 138	10D2989	NTD1416-08
MCPA	5.47	15.4		mg/kg dry	18.6	54	10 - 200	10D2989	NTD1416-08
MCPP	14.3	24.1		mg/kg dry	18.6	53	10 - 200	10D2989	NTD1416-08
4-Nitrophenol	<0.0112	0.0175	J4,	mg/kg dry	0.186	9	10 - 135	10D2989	NTD1416-08
Pentachlorophenol	<0.0112	0.0721		mg/kg dry	0.186	39	10 - 122	10D2989	NTD1416-08
Picloram	0.0210	0.0320	J4,	mg/kg dry	0.186	6	10 - 145	10D2989	NTD1416-08
2,4,5-T	<0.0112	0.107		mg/kg dry	0.186	58	10 - 157	10D2989	NTD1416-08
2,4,5-TP (Silvex)	<0.0123	0.114		mg/kg dry	0.186	61	10 - 139	10D2989	NTD1416-08
Surrogate: Dichloroacetic Acid		0.227		mg/kg dry	0.187	122	10 - 150	10D2989	NTD1416-08

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

Work Order: NTD1379  
Project: Quarterly Compost  
Project Number: [none]

Sampled: 04/15/10  
Received: 04/15/10

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
<b>Organochlorine Pesticides by EPA Method 8081A</b>										
Aldrin	<0.000955	0.0248		mg/kg dry	0.0318	78	8	36	10D3016	NTD1379-01
delta-BHC	<0.000764	0.0312		mg/kg dry	0.0318	98	18	40	10D3016	NTD1379-01
alpha-BHC	<0.000764	0.0242		mg/kg dry	0.0318	76	21	38	10D3016	NTD1379-01
beta-BHC	<0.00210	0.0287		mg/kg dry	0.0318	90	39	50	10D3016	NTD1379-01
gamma-BHC (Lindane)	<0.000764	0.0229		mg/kg dry	0.0318	72	11	39	10D3016	NTD1379-01
alpha-Chlordane	<0.000764	0.0242		mg/kg dry	0.0318	76	3	37	10D3016	NTD1379-01
gamma-Chlordane	0.00698	0.0312		mg/kg dry	0.0318	76	6	39	10D3016	NTD1379-01
Chlordane	<0.0319	0.0319		mg/kg dry				50	10D3016	NTD1379-01
4,4'-DDD	<0.00115	0.0242		mg/kg dry	0.0318	76	13	43	10D3016	NTD1379-01
4,4'-DDE	<0.000764	0.0217		mg/kg dry	0.0318	68	6	37	10D3016	NTD1379-01
4,4'-DDT	<0.000764	0.0274		mg/kg dry	0.0318	86	7	45	10D3016	NTD1379-01
Dieldrin	<0.000764	0.0191		mg/kg dry	0.0318	60	4	39	10D3016	NTD1379-01
Endosulfan I	<0.000764	0.0223		mg/kg dry	0.0318	70	3	39	10D3016	NTD1379-01
Endosulfan II	<0.000955	0.0261		mg/kg dry	0.0318	82	15	44	10D3016	NTD1379-01
Endosulfan sulfate	<0.000764	0.000764	J4,	mg/kg dry	0.0318			40	10D3016	NTD1379-01
Endrin	<0.000955	0.0229		mg/kg dry	0.0318	72	0.5	48	10D3016	NTD1379-01
Endrin aldehyde	<0.00153	0.0248		mg/kg dry	0.0318	78	25	46	10D3016	NTD1379-01
Endrin ketone	<0.00134	0.0388		mg/kg dry	0.0318	122	24	44	10D3016	NTD1379-01
Heptachlor	<0.000955	0.0229		mg/kg dry	0.0318	72	18	38	10D3016	NTD1379-01
Heptachlor epoxide	<0.000955	0.0299		mg/kg dry	0.0318	94	4	34	10D3016	NTD1379-01
Methoxychlor	<0.00115	0.236	J4	mg/kg dry	0.0318	740	24	50	10D3016	NTD1379-01
Toxaphene	<0.0319	0.0319		mg/kg dry				50	10D3016	NTD1379-01
Surrogate: Tetrachloro-meta-xylene		0.0376		mg/kg dry	0.0318	118			10D3016	NTD1379-01
Surrogate: Decachlorobiphenyl		0.110	J1	mg/kg dry	0.0318	344			10D3016	NTD1379-01
<b>Polychlorinated Biphenyls by EPA Method 8082</b>										
PCB-1016	<0.0186	0.136		mg/kg wet	0.163	83	1	50	10D3028	NTD1544-01
PCB-1221	<0.0108	0.0108		mg/kg wet				50	10D3028	NTD1544-01
PCB-1232	<0.0196	0.0196		mg/kg wet				50	10D3028	NTD1544-01
PCB-1242	<0.0137	0.0137		mg/kg wet				35	10D3028	NTD1544-01
PCB-1248	<0.0108	0.0108		mg/kg wet				50	10D3028	NTD1544-01
PCB-1254	<0.0186	0.0186		mg/kg wet				37	10D3028	NTD1544-01
PCB-1260	<0.0137	0.163		mg/kg wet	0.163	100	1	36	10D3028	NTD1544-01
Surrogate: Tetrachloro-meta-xylene		0.0124		mg/kg wet	0.0163	76			10D3028	NTD1544-01
Surrogate: Decachlorobiphenyl		0.0170		mg/kg wet	0.0163	104			10D3028	NTD1544-01
<b>Chlorinated Herbicides by EPA Method 8151A</b>										
2,4-D	<0.0133	0.221		mg/kg dry	0.185	120	6	50	10D2989	NTD1416-08
Dalapon	0.0184	0.0739		mg/kg dry	0.185	30	49	50	10D2989	NTD1416-08
2,4-DB	<0.0111	0.198		mg/kg dry	0.185	107	4	50	10D2989	NTD1416-08

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

Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

**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
<b>Chlorinated Herbicides by EPA Method 8151A</b>										
Dicamba	<0.0122	0.160		mg/kg dry	0.185	87	18	50	10D2989	NTD1416-08
Dichloroprop	<0.0155	0.195		mg/kg dry	0.185	106	29	50	10D2989	NTD1416-08
Dinoseb	<0.0111	0.0111	J4,	mg/kg dry	0.185			50	10D2989	NTD1416-08
MCPA	5.47	16.6		mg/kg dry	18.5	60	7	50	10D2989	NTD1416-08
MCPP	14.3	18.8		mg/kg dry	18.5	24	25	50	10D2989	NTD1416-08
4-Nitrophenol	<0.0111	0.0307	J4,J4,	mg/kg dry	0.185	17	55	50	10D2989	NTD1416-08
Pentachlorophenol	<0.0111	0.0809		mg/kg dry	0.185	44	11	50	10D2989	NTD1416-08
Picloram	0.0210	0.0610	J4	mg/kg dry	0.185	22	62	50	10D2989	NTD1416-08
2,4,5-T	<0.0111	0.114		mg/kg dry	0.185	62	6	50	10D2989	NTD1416-08
2,4,5-TP (Silvex)	<0.0122	0.130		mg/kg dry	0.185	70	13	50	10D2989	NTD1416-08
Surrogate: Dichloroacetic Acid		0.272		mg/kg dry	0.185	147			10D2989	NTD1416-08



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

Work Order: NTD1379  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/15/10  
 Received: 04/15/10

### CERTIFICATION SUMMARY

#### TestAmerica Nashville

Method	Matrix	A2LA	AIHA	Nelac	Florida
SW846 8081A	Soil	X	N/A	X	X
SW846 8082	Soil	X	N/A	X	X
SW846 8151A	Soil	X	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: NTD1379-01  
 Method Performed: Moisture  
 Samples: NTD1379-01

### DATA QUALIFIERS AND DEFINITIONS

- C1** Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria.
- C2** Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria.
- I** The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.  
 The reported value is between the laboratory method detection limit and method reporting limit.
- J1** Surrogate recovery limits have been exceeded.
- J3** The reported value failed to meet the established quality control criteria for either precision and/or accuracy.  
 Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
- J4** The sample matrix interfered with the ability to make an accurate determination.
- RL1** Reporting limit raised due to sample matrix effects.
- S10** Insufficient sample available for reanalysis.
- 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: 640-27315-1

SDG Number: NTD1379

Job Description: C&C Peat Co., Inc. (Orlando)

For:

TestAmerica Laboratories, Inc  
2960 Foster Creighton Drive  
Nashville, TN 37204

Attention: Ms. Shali Brown



Approved for release.  
Laura B Snead  
Project Manager II  
4/30/2010 4:02 PM

---

Laura B Snead  
Project Manager II  
laura.snead@testamericainc.com  
04/30/2010

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](http://www.testamericainc.com)



**Job Narrative**  
**640-27315-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC Semi VOA**

Method 8141A: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for batch 640-67980 exceeded control limits low for Naled. Naled has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Project and QC data have been flagged "J3".

No other analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## METHOD SUMMARY

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1

Sdg Number: NTD1379

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
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: 640-27315-1

Sdg Number: NTD1379

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
640-27315-1	NTD1379-01	Solid	04/15/2010 1140	04/20/2010 0850

**Analytical Data**

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1

Sdg Number: NTD1379

Client Sample ID: NTD1379-01

Lab Sample ID: 640-27315-1

Date Sampled: 04/15/2010 1140

Client Matrix: Solid

% Moisture: 37.1

Date Received: 04/20/2010 0850

**8141A Organophosphorous Pesticides (GC)**

Method:	8141A	Analysis Batch: 640-68334	Instrument ID:	SGF
Preparation:	3550B	Prep Batch: 640-67980	Initial Weight/Volume:	00030.00 g
Dilution:	1.0		Final Weight/Volume:	10.0 mL
Date Analyzed:	04/29/2010 1921		Injection Volume:	1 uL
Date Prepared:	04/22/2010 0540		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Atrazine		0.014	U	0.014	0.10
Azinphos-methyl		0.0070	U	0.0070	0.10
Bolstar		0.014	U	0.014	0.052
Chlorpyrifos		0.013	U	0.013	0.052
Coumaphos		0.014	U	0.014	0.52
Demeton, Total		0.021	U	0.021	0.13
Diazinon		0.014	U	0.014	0.052
Dichlorvos		0.027	U	0.027	0.10
Dimethoate		0.016	U	0.016	0.10
Disulfoton		0.017	U	0.017	0.10
EPN		0.014	U	0.014	0.052
Ethoprop		0.024	U	0.024	0.027
Fensulfothion		0.016	U	0.016	0.52
Fenthion		0.014	U	0.014	0.052
Malathion		0.014	U	0.014	0.052
Merphos		0.013	U	0.013	0.052
Methyl parathion		0.0086	U	0.0086	0.027
Mevinphos		0.017	U	0.017	0.10
Monochrotophos		0.14	U	0.14	0.52
Naled		0.0083	U J3	0.0083	0.52
Phorate		0.017	U	0.017	0.052
Ronnel		0.013	U	0.013	0.052
Simazine		0.032	U	0.032	0.10
Stirophos		0.014	U	0.014	0.052
Sulfotepp		0.0084	U	0.0084	0.027
Tokuthion		0.012	U	0.012	0.052
Trichloronate		0.013	U	0.013	0.52
Surrogate		%Rec	Qualifier	Acceptance Limits	
Triphenylphosphate		78		35 - 134	

**Analytical Data**

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1  
Sdg Number: NTD1379

**Client Sample ID: NTD1379-01**

Lab Sample ID: 640-27315-1

Date Sampled: 04/15/2010 1140

Client Matrix: Solid

% Moisture: 37.1

Date Received: 04/20/2010 0850

---

**8141A Organophosphorous Pesticides (GC)**

Method:	8141A	Analysis Batch: 640-68335	Instrument ID:	SGF
Preparation:	3550B	Prep Batch: 640-67980	Initial Weight/Volume:	00030.00 g
Dilution:	1.0		Final Weight/Volume:	10.0 mL
Date Analyzed:	04/29/2010 1921		Injection Volume:	1 uL
Date Prepared:	04/22/2010 0540		Result Type:	PRIMARY

---

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Ethyl Parathion		0.018	I	0.014	0.052

---

**Analytical Data**

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1

Sdg Number: NTD1379

---

**General Chemistry**

**Client Sample ID:** NTD1379-01

Lab Sample ID: 640-27315-1

Date Sampled: 04/15/2010 1140

Client Matrix: Solid

Date Received: 04/20/2010 0850

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	63		%	0.00010	0.00010	1.0	Moisture
Analysis Batch: 640-67988		Date Analyzed (Start): 04/22/2010 0400 (End) 04/23/2010 0832				DryWt Corrected: N	



## DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1

Sdg Number: NTD1379

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC Semi VOA		
	J3	Estimated value; value may not be accurate. Spike recovery or RPD 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: 640-27315-1

Sdg Number: NTD1379

### Surrogate Recovery Report

#### 8141A Organophosphorous Pesticides (GC)

##### Client Matrix: Solid

Lab Sample ID	Client Sample ID	TPP1 %Rec	TPP2 %Rec
640-27315-1	NTD1379-01	78	
MB 640-67980/1-A			85
LCS 640-67980/2-A			77
LCSD 640-67980/3-A			79

Surrogate

Acceptance Limits

TPP = Triphenylphosphate

35-134

## Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1  
Sdg Number: NTD1379

**Method Blank - Batch: 640-67980**

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

Lab Sample ID: MB 640-67980/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 04/29/2010 1852  
Date Prepared: 04/22/2010 0540

Analysis Batch: 640-68334  
Prep Batch: 640-67980  
Units: mg/Kg

Instrument ID: SGF  
Lab File ID: 1D29F34.d  
Initial Weight/Volume: 00030.28 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
Fensulfothion	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	0.0054	U	0.0054	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	0.0053	U	0.0053	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	

## Quality Control Results

Client: TestAmerica Laboratories, Inc

Job Number: 640-27315-1  
Sdg Number: NTD1379

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 640-67980**

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

LCS Lab Sample ID: LCS 640-67980/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 04/29/2010 2313  
Date Prepared: 04/22/2010 0540

Analysis Batch: 640-68334  
Prep Batch: 640-67980  
Units: mg/Kg

Instrument ID: SGF  
Lab File ID: 1D29F52.d  
Initial Weight/Volume: 00030.36 g  
Final Weight/Volume: 10.0 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 640-67980/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 04/29/2010 2328  
Date Prepared: 04/22/2010 0540

Analysis Batch: 640-68334  
Prep Batch: 640-67980  
Units: mg/Kg

Instrument ID: SGF  
Lab File ID: 1D29F53.d  
Initial Weight/Volume: 00030.17 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	66	74	26 - 117	12	50		
Diazinon	57	63	20 - 100	11	50		
Ethyl Parathion	62	67	22 - 116	8	50		
Methyl parathion	63	70	20 - 107	11	50		
Naled	21	21	50 - 130	1	50	I J3	I J3
Ronnel	59	65	38 - 130	11	50		

SUBCONTRACT ORDER

TestAmerica Nashville

NTD1379

640-27315

SENDING LABORATORY:

TestAmerica Nashville  
2960 Foster Creighton Road  
Nashville, TN 37204  
Phone: 800-765-0980  
Fax: 615-726-3404  
Project Manager: Shali Brown

RECEIVING LABORATORY:

TestAmerica Tallahassee  
2846 Industrial Plaza Dr  
Tallahassee, FL 32301  
Phone : (850) 878-3994  
Fax: (850) 878-9504

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: NTD1379-01 Soil		Sampled: 04/15/10 11:40		
Subcontract - OP Pesticides by 8141	04/22/10 15:00	01/08/13 10:40		sub to Tallahassee

Containers Supplied:  
4 oz. Glass Jar (C)

Released By: *[Signature]* Date: 4-16-10 12:00  
 Received By: *TM* Date: 4-20-10 0850

Released By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_

2.3 FE STD



## COOLER RECEIPT

NTD1379

Cooler Received/Opened On 4/16/2010 @ 0800

1. Tracking # 5120 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 22 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: NA

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) J

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 #       

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

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) J

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) J

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

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



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4310 East Anderson Road \* Orlando, FL 32812 \* 407-851-2560 \* Fax: 407-856-0886 \* 800-851-

Client: C&C Peat Co., Inc.

Project: NTD1379

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 04/15/10 15:00

And Opened On (Date/time): 4-15-10 15:00

Received By: Jennifer Batura

Logged in by: Jennifer Batura

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.

Cooler Temperature When Opened: 0.40 Degrees Celsius

Temperature Blank Included: YES \_\_\_ NO

Packing Material: Bubblewrap \_\_\_ NONE  Other: \_\_\_\_\_

Received on Ice: YES  NO \_\_\_ Other: \_\_\_\_\_ Total # Of Containers: 3 # 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? 3

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

Was there enough sample shipped in each container? YES \_\_\_ NO

Correct Preservatives Used? YES  NO  If No, see comments: 4-15-10

Project Manager: Shali Brown 4-15-10

Corrective Actions Taken

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**SUBCONTRACT ORDER**

**TestAmerica Nashville**

**NTD1379**

---

**SENDING LABORATORY:**

TestAmerica Nashville  
2960 Foster Creighton Road  
Nashville, TN 37204  
Phone: 800-765-0980  
Fax: 615-726-3404  
Project Manager: Shali Brown

**RECEIVING LABORATORY:**

TestAmerica Tallahassee  
2846 Industrial Plaza Dr  
Tallahassee, FL 32301  
Phone : (850) 878-3994  
Fax: (850) 878-9504

---

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: NTD1379-01 Soil		Sampled: 04/15/10 11:40		
Subcontract - OP Pesticides by 8141	04/22/10 15:00	01/08/13 10:40		sub to Tallahassee

*Containers Supplied:*

4 oz. Glass Jar (C)

---

Released By

Date

Received By

Date

Released By

Date

Received By

Date

*Shali Brown* 4-16-10 12:00