

4/21/2011 6:42:49PM

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

Work Order: NUD0995  
Project Name: Quarterly Compost  
Project Number: [none]  
Date Received: 04/07/11

Attn: Stephen Cook

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
POTTING SOIL	NUD0995-01	04/07/11 12:00

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  
Okahumpka, FL 34762  
Attn: Stephen Cook

Work Order: NUD0995  
Project: Quarterly Compost  
Project Number: [none]

Sampled: 04/07/11  
Received: 04/07/11

### 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>
	8624	0.9C	No	Yes	Yes
	Default Cooler	4.2C	No	Yes	Yes

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Sampled: 04/07/11  
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**LABORATORY REPORT**  
**Sample ID: POTTING SOIL - Lab Number: NUD0995-01 - 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	45.7		%	0.500	0.500	1	04/13/11 12:14	AMS	SW-846	11D2536
<b>Organochlorine Pesticides by EPA Method 8081A</b>											
309-00-2	Aldrin	0.00366	U	mg/kg dry	0.00366	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
319-86-8	delta-BHC	0.00323	U	mg/kg dry	0.00323	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
319-84-6	alpha-BHC	0.00280	U	mg/kg dry	0.00280	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
319-85-7	beta-BHC	0.0215	U	mg/kg dry	0.0215	0.0710	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
58-89-9	gamma-BHC (Lindane)	0.00280	U	mg/kg dry	0.00280	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
5103-71-9	alpha-Chlordane	0.00387	U	mg/kg dry	0.00387	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
5103-74-2	gamma-Chlordane	0.00323	U	mg/kg dry	0.00323	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
57-74-9	Chlordane	0.237	U	mg/kg dry	0.237	1.44	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
72-54-8	4,4'-DDD	0.00323	U	mg/kg dry	0.00323	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
72-55-9	4,4'-DDE	0.00301	U	mg/kg dry	0.00301	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
50-29-3	4,4'-DDT	0.0105	U	mg/kg dry	0.0105	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
60-57-1	Dieldrin	0.00301	U	mg/kg dry	0.00301	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
959-98-8	Endosulfan I	0.00344	U	mg/kg dry	0.00344	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
33213-65-9	<b>Endosulfan II</b>	<b>0.0215</b>	I	mg/kg dry	0.00301	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
1031-07-8	Endosulfan sulfate	0.00452	U	mg/kg dry	0.00452	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
72-20-8	Endrin	0.00409	U	mg/kg dry	0.00409	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
7421-93-4	Endrin aldehyde	0.00409	U	mg/kg dry	0.00409	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
53494-70-5	Endrin ketone	0.00215	U	mg/kg dry	0.00215	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
76-44-8	Heptachlor	0.00366	U	mg/kg dry	0.00366	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
1024-57-3	Heptachlor epoxide	0.00301	U	mg/kg dry	0.00301	0.0366	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
72-43-5	Methoxychlor	0.0129	U	mg/kg dry	0.0129	0.0710	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
8001-35-2	Toxaphene	0.237	U	mg/kg dry	0.237	1.44	10	04/14/11 15:01	WAM	SW846 8081A	11D2519
	Surrogate: Tetrachloro-meta-xylene (22-150%)	80 %									
	Surrogate: Decachlorobiphenyl (25-150%)	80 %									
<b>Polychlorinated Biphenyls by EPA Method 8082</b>											
12674-11-2	PCB-1016	0.0451	U	mg/kg dry	0.0451	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
11104-28-2	PCB-1221	0.0236	U	mg/kg dry	0.0236	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
11141-16-5	PCB-1232	0.0343	U	mg/kg dry	0.0343	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
53469-21-9	PCB-1242	0.0558	U	mg/kg dry	0.0558	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525

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Received: 04/07/11

**LABORATORY REPORT**  
**Sample ID: POTTING SOIL - Lab Number: NUD0995-01 - Matrix: Soil**

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Polychlorinated Biphenyls by EPA Method 8082 - Cont.</b>											
12672-29-6	PCB-1248	0.0644	U	mg/kg dry	0.0644	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
11097-69-1	PCB-1254	0.0236	U	mg/kg dry	0.0236	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
11096-82-5	PCB-1260	0.0601	U	mg/kg dry	0.0601	0.0715	1	04/13/11 11:26	RMC	SW846 8082	11D2525
	<i>Surrogate: Tetrachloro-meta-xylene (19-147%)</i>	<i>106 %</i>									
	<i>Surrogate: Decachlorobiphenyl (20-150%)</i>	<i>96 %</i>									
<b>Chlorinated Herbicides by EPA Method 8151A</b>											
94-75-7	2,4-D	0.0256	U	mg/kg dry	0.0256	0.142	1	04/15/11 16:27	WAM	SW846	11D3442
75-99-0	Dalapon	0.0256	U	mg/kg dry	0.0256	0.356	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
94-82-6	2,4-DB	0.0213	U	mg/kg dry	0.0213	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
1918-00-9	Dicamba	0.0234	U	mg/kg dry	0.0234	0.0703	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
120-36-5	Dichloroprop	0.0298	U	mg/kg dry	0.0298	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
88-85-7	Dinoseb	0.0213	U	mg/kg dry	0.0213	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
94-74-6	MCPA	0.584	U	mg/kg dry	0.584	7.09	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
93-65-2	MCPP	1.04	U	mg/kg dry	1.04	7.09	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
100-02-7	4-Nitrophenol	0.0213	U	mg/kg dry	0.0213	0.0703	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
87-86-5	Pentachlorophenol	0.0213	U	mg/kg dry	0.0213	0.0703	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
1918-02-1	Picloram	0.0213	U	mg/kg dry	0.0213	0.0703	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
93-76-5	2,4,5-T	0.0213	U	mg/kg dry	0.0213	0.0703	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
93-72-1	2,4,5-TP (Silvex)	0.0213	U	mg/kg dry	0.0213	0.0362	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
50594-66-6	Acifluorfen	0.0213	J3,U	mg/kg dry	0.0213	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
133-90-4	Chloramben	0.0234	U	mg/kg dry	0.0234	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
1861-32-1	DCPA	0.0213	U	mg/kg dry	0.0213	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
51-36-5	3,5-Dichlorobenzoic acid	0.0298	U	mg/kg dry	0.0298	0.142	1	04/15/11 16:27	WAM	SW846 8151A	11D3442
	<i>Surrogate: Dichloroacetic Acid (10-150%)</i>	<i>116 %</i>									
<b>Organophosphorous Pesticides (GC)</b>											
1912-24-9	Atrazine	0.0093	U	mg/Kg dry	0.0093	0.21	1	04/15/11 18:26	MLT	8141A STD Dry	79870
86-50-0	Azinphos-methyl	0.048	U	mg/Kg dry	0.048	0.21	1	04/15/11 18:26	MLT	8141A STD Dry	79870
35400-43-2	Bolstar	0.015	U	mg/Kg dry	0.015	0.11	1	04/15/11 18:26	MLT	8141A STD Dry	79870
2921-88-2	Chlorpyrifos	0.022	U	mg/Kg dry	0.022	0.11	1	04/15/11 18:26	MLT	8141A STD Dry	79870
56-72-4	Coumaphos	0.071	U	mg/Kg dry	0.071	1.1	1	04/15/11 18:26	MLT	8141A STD Dry	79870
8065-48-3	Demeton, Total	0.025	U	mg/Kg dry	0.025	0.27	1	04/15/11 18:26	MLT	8141A STD Dry	79870

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**Sample ID: POTTING SOIL - Lab Number: NUD0995-01 - Matrix: Soil**

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Organophosphorous Pesticides (GC) - Cont.</b>											
333-41-5	Diazinon	0.018	U	mg/Kg dry	0.018	0.11	1	04/15/11 18:26	MLT	8141A STD	79870
62-73-7	Dichlorvos	0.021	U	mg/Kg dry	0.021	0.21	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
60-51-5	Dimethoate	0.028	U	mg/Kg dry	0.028	0.21	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
298-04-4	Disulfoton	0.051	U	mg/Kg dry	0.051	0.21	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
2104-64-5	EPN	0.014	U	mg/Kg dry	0.014	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
13194-48-4	Ethoprop	0.013	U	mg/Kg dry	0.013	0.055	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
56-38-2	Ethyl Parathion	0.018	U	mg/Kg dry	0.018	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
115-90-2	Fensulfothion	0.039	U	mg/Kg dry	0.039	1.1	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
55-38-9	Fenthion	0.015	U	mg/Kg dry	0.015	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
121-75-5	Malathion	0.026	U	mg/Kg dry	0.026	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
150-50-5	Merphos	0.035	U	mg/Kg dry	0.035	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
298-00-0	Methyl parathion	0.017	U	mg/Kg dry	0.017	0.055	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
7786-34-7	Mevinphos	0.015	U	mg/Kg dry	0.015	0.21	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
6923-22-4	Monochrotophos	0.15	U	mg/Kg dry	0.15	1.1	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
300-76-5	Naled	0.071	U,J3	mg/Kg dry	0.071	1.1	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
298-02-2	Phorate	0.017	U,J3	mg/Kg dry	0.017	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
299-84-3	Ronnel	0.013	U	mg/Kg dry	0.013	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
122-34-9	Simazine	0.010	U	mg/Kg dry	0.010	0.21	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
22248-79-9	Stirophos	0.021	U	mg/Kg dry	0.021	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
3689-24-5	Sulfotepp	0.028	U	mg/Kg dry	0.028	0.055	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
34643-46-4	Tokuthion	0.017	U	mg/Kg dry	0.017	0.11	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
327-98-0	Trichloronate	0.024	U	mg/Kg dry	0.024	1.1	1	04/15/11 18:26	MLT	Dry 8141A STD	79870
	<i>Surrogate: Triphenylphosphate (35-134%)</i>	93 %									
<b>Percent Moisture</b>											
STL00234	Percent Solids	31		%	0.00010	0.00010	1	04/12/11 09:46	JPB	Moisture	79868

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Work Order: NUD0995  
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Project Number: [none]

Sampled: 04/07/11  
Received: 04/07/11

### SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Organochlorine Pesticides by EPA Method 8081A	NUD0995-01	30.5 g	10.0 mL	04/11/2011	SAS	EPA 3550C
Organochlorine Pesticides by EPA Method 8081A	NUD0995-01RE1	30.5 g	10.0 mL	04/11/2011	SAS	EPA 3550C
Polychlorinated Biphenyls by EPA Method 8082	NUD0995-01	30.6 g	10.0 mL	04/11/2011	SAS	EPA 3550C/3665A
Chlorinated Herbicides by EPA Method 8151A	NUD0995-01	30.0 g	10.0 mL	04/12/2011	TRF	EPA 8151A
Chlorinated Herbicides by EPA Method 8151A	NUD0995-01RE1	30.8 g	10.0 mL	04/14/2011	RDS	EPA 8151A

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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	0.000170	U	mg/kg wet	11D2519	11D2519-BLK1
delta-BHC	0.000150	U	mg/kg wet	11D2519	11D2519-BLK1
alpha-BHC	0.000130	U	mg/kg wet	11D2519	11D2519-BLK1
beta-BHC	0.00100	U	mg/kg wet	11D2519	11D2519-BLK1
gamma-BHC (Lindane)	0.000130	U	mg/kg wet	11D2519	11D2519-BLK1
alpha-Chlordane	0.000180	U	mg/kg wet	11D2519	11D2519-BLK1
gamma-Chlordane	0.000150	U	mg/kg wet	11D2519	11D2519-BLK1
Chlordane	0.0110	U	mg/kg wet	11D2519	11D2519-BLK1
4,4'-DDD	0.000150	U	mg/kg wet	11D2519	11D2519-BLK1
4,4'-DDE	0.000140	U	mg/kg wet	11D2519	11D2519-BLK1
4,4'-DDT	0.000490	U	mg/kg wet	11D2519	11D2519-BLK1
Dieldrin	0.000140	U	mg/kg wet	11D2519	11D2519-BLK1
Endosulfan I	0.000160	U	mg/kg wet	11D2519	11D2519-BLK1
Endosulfan II	0.000140	U	mg/kg wet	11D2519	11D2519-BLK1
Endosulfan sulfate	0.000210	U	mg/kg wet	11D2519	11D2519-BLK1
Endrin	0.000190	U	mg/kg wet	11D2519	11D2519-BLK1
Endrin aldehyde	0.000190	U	mg/kg wet	11D2519	11D2519-BLK1
Endrin ketone	0.000100	U	mg/kg wet	11D2519	11D2519-BLK1
Heptachlor	0.000170	U	mg/kg wet	11D2519	11D2519-BLK1
Heptachlor epoxide	0.000140	U	mg/kg wet	11D2519	11D2519-BLK1
Methoxychlor	0.000600	U	mg/kg wet	11D2519	11D2519-BLK1
Toxaphene	0.0110	U	mg/kg wet	11D2519	11D2519-BLK1
Surrogate: Tetrachloro-meta-xylene	0.0177		mg/kg wet	11D2519	11D2519-BLK1
Surrogate: Decachlorobiphenyl	0.0177		mg/kg wet	11D2519	11D2519-BLK1
<b>Polychlorinated Biphenyls by EPA Method 8082</b>					
PCB-1016	0.0210	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1221	0.0110	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1232	0.0160	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1242	0.0260	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1248	0.0300	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1254	0.0110	U	mg/kg wet	11D2525	11D2525-BLK1
PCB-1260	0.0280	U	mg/kg wet	11D2525	11D2525-BLK1
Surrogate: Tetrachloro-meta-xylene	0.0143		mg/kg wet	11D2525	11D2525-BLK1
Surrogate: Decachlorobiphenyl	0.0130		mg/kg wet	11D2525	11D2525-BLK1
<b>Chlorinated Herbicides by EPA Method 8151A</b>					
2,4-D	0.0120	U	mg/kg wet	11D3442	11D3442-BLK1
Dalapon	0.0120	U	mg/kg wet	11D3442	11D3442-BLK1
2,4-DB	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
Dicamba	0.0110	U	mg/kg wet	11D3442	11D3442-BLK1
Dichloroprop	0.0140	U	mg/kg wet	11D3442	11D3442-BLK1
Dinoseb	0.0100	U	mg/kg wet	11D3442	11D3442-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>					
MCPA	0.274	U	mg/kg wet	11D3442	11D3442-BLK1
MCPP	0.489	U	mg/kg wet	11D3442	11D3442-BLK1
4-Nitrophenol	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
Pentachlorophenol	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
Picloram	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
2,4,5-T	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
2,4,5-TP (Silvex)	0.0110	U	mg/kg wet	11D3442	11D3442-BLK1
Acifluorfen	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
Chloramben	0.0110	U	mg/kg wet	11D3442	11D3442-BLK1
DCPA	0.0100	U	mg/kg wet	11D3442	11D3442-BLK1
3,5-Dichlorobenzoic acid	0.0140	U	mg/kg wet	11D3442	11D3442-BLK1
<i>Surrogate: Dichloroacetic Acid</i>	0.262	J1	mg/kg wet	11D3442	11D3442-BLK1
<b>Organophosphorous Pesticides (GC)</b>					
Atrazine	0.0029	U	mg/Kg dry wet	79870	640-80069-4
Azinphos-methyl	0.015	U	mg/Kg dry wet	79870	640-80069-4
Bolstar	0.0047	U	mg/Kg dry wet	79870	640-80069-4
Chlorpyrifos	0.0068	U	mg/Kg dry wet	79870	640-80069-4
Coumaphos	0.022	U	mg/Kg dry wet	79870	640-80069-4
Demeton, Total	0.0077	U	mg/Kg dry wet	79870	640-80069-4
Diazinon	0.0057	U	mg/Kg dry wet	79870	640-80069-4
Dichlorvos	0.0064	U	mg/Kg dry wet	79870	640-80069-4
Dimethoate	0.0088	U	mg/Kg dry wet	79870	640-80069-4
Disulfoton	0.016	U	mg/Kg dry wet	79870	640-80069-4
EPN	0.0045	U	mg/Kg dry wet	79870	640-80069-4
Ethoprop	0.0042	U	mg/Kg dry wet	79870	640-80069-4
Ethyl Parathion	0.0055	U	mg/Kg dry wet	79870	640-80069-4
Fensulfothion	0.012	U	mg/Kg dry wet	79870	640-80069-4
Fenthion	0.0047	U	mg/Kg dry wet	79870	640-80069-4
Malathion	0.0082	U	mg/Kg dry wet	79870	640-80069-4
Merphos	0.011	U	mg/Kg dry wet	79870	640-80069-4
Methyl parathion	0.0054	U	mg/Kg dry wet	79870	640-80069-4
Mevinphos	0.0046	U	mg/Kg dry wet	79870	640-80069-4

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

Work Order: NUD0995  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/07/11  
 Received: 04/07/11

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

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Organophosphorous Pesticides (GC)</b>					
Monochrotophos	0.046	U	mg/Kg dry wet	79870	640-80069-4
Naled	0.022	U	mg/Kg dry wet	79870	640-80069-4
Phorate	0.0054	U	mg/Kg dry wet	79870	640-80069-4
Ronnel	0.0042	U	mg/Kg dry wet	79870	640-80069-4
Simazine	0.0032	U	mg/Kg dry wet	79870	640-80069-4
Stirophos	0.0064	U	mg/Kg dry wet	79870	640-80069-4
Sulfotepp	0.0086	U	mg/Kg dry wet	79870	640-80069-4
Tokuthion	0.0054	U	mg/Kg dry wet	79870	640-80069-4
Trichloronate	0.0076	U	mg/Kg dry wet	79870	640-80069-4
Surrogate: Triphenylphosphate	0.192		mg/Kg dry wet	79870	640-80069-4

**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	78.0	78.2		%	0.2	20	11D2536	NUD0406-22

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

Work Order: NUD0995  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/07/11  
 Received: 04/07/11

**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		0.000170		mg/kg wet		43 - 150	11D2519
Aldrin	0.0167	0.0163		mg/kg wet	98	43 - 150	11D2519
delta-BHC		0.000150		mg/kg wet		34 - 147	11D2519
delta-BHC	0.0167	0.0170		mg/kg wet	102	34 - 147	11D2519
alpha-BHC	0.0167	0.0160		mg/kg wet	96	47 - 142	11D2519
alpha-BHC		0.000130		mg/kg wet		47 - 142	11D2519
beta-BHC		0.00100		mg/kg wet		52 - 148	11D2519
beta-BHC	0.0167	0.0157		mg/kg wet	94	52 - 148	11D2519
gamma-BHC (Lindane)		0.000130		mg/kg wet		53 - 142	11D2519
gamma-BHC (Lindane)	0.0167	0.0160		mg/kg wet	96	53 - 142	11D2519
alpha-Chlordane		0.000180		mg/kg wet		50 - 148	11D2519
alpha-Chlordane	0.0167	0.0173		mg/kg wet	104	50 - 148	11D2519
gamma-Chlordane	0.0167	0.0170		mg/kg wet	102	46 - 150	11D2519
gamma-Chlordane		0.000150		mg/kg wet		46 - 150	11D2519
Chlordane	0.167	0.215		mg/kg wet	129	59 - 150	11D2519
Chlordane		0.0110		mg/kg wet		59 - 150	11D2519
4,4'-DDD		0.000150		mg/kg wet		47 - 150	11D2519
4,4'-DDD	0.0167	0.0160		mg/kg wet	96	47 - 150	11D2519
4,4'-DDE		0.000140		mg/kg wet		42 - 150	11D2519
4,4'-DDE	0.0167	0.0177		mg/kg wet	106	42 - 150	11D2519
4,4'-DDT	0.0167	0.0187		mg/kg wet	112	38 - 150	11D2519
4,4'-DDT		0.000490		mg/kg wet		38 - 150	11D2519
Dieldrin	0.0167	0.0167		mg/kg wet	100	53 - 142	11D2519
Dieldrin		0.000140		mg/kg wet		53 - 142	11D2519
Endosulfan I		0.000160		mg/kg wet		50 - 143	11D2519
Endosulfan I	0.0167	0.0160		mg/kg wet	96	50 - 143	11D2519
Endosulfan II	0.0167	0.0167		mg/kg wet	100	51 - 150	11D2519
Endosulfan II		0.000140		mg/kg wet		51 - 150	11D2519
Endosulfan sulfate		0.000210		mg/kg wet		49 - 143	11D2519
Endosulfan sulfate	0.0167	0.0173		mg/kg wet	104	49 - 143	11D2519
Endrin	0.0167	0.0183		mg/kg wet	110	49 - 150	11D2519
Endrin		0.000190		mg/kg wet		49 - 150	11D2519
Endrin aldehyde	0.0167	0.0167		mg/kg wet	100	40 - 150	11D2519
Endrin aldehyde		0.000190		mg/kg wet		40 - 150	11D2519
Endrin ketone		0.000100		mg/kg wet		55 - 139	11D2519
Endrin ketone	0.0167	0.0180		mg/kg wet	108	55 - 139	11D2519
Heptachlor	0.0167	0.0173		mg/kg wet	104	49 - 149	11D2519
Heptachlor		0.000170		mg/kg wet		49 - 149	11D2519
Heptachlor epoxide	0.0167	0.0167		mg/kg wet	100	53 - 150	11D2519

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

Work Order: NUD0995  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/07/11  
 Received: 04/07/11

**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		0.000140		mg/kg wet		53 - 150	11D2519
Methoxychlor		0.000600		mg/kg wet		43 - 144	11D2519
Methoxychlor	0.0167	0.0200		mg/kg wet	120	43 - 144	11D2519
Toxaphene		0.0110		mg/kg wet		18 - 150	11D2519
Toxaphene	0.333	0.443		mg/kg wet	133	18 - 150	11D2519
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0158		mg/kg wet	95	22 - 150	11D2519
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0160		mg/kg wet	96	22 - 150	11D2519
Surrogate: Decachlorobiphenyl	0.0167	0.0159		mg/kg wet	96	25 - 150	11D2519
Surrogate: Decachlorobiphenyl	0.0167	0.0167		mg/kg wet	100	25 - 150	11D2519
<b>Polychlorinated Biphenyls by EPA Method 8082</b>							
PCB-1016		0.0210		mg/kg wet		64 - 122	11D2525
PCB-1221		0.0110		mg/kg wet		44 - 144	11D2525
PCB-1232		0.0160		mg/kg wet		44 - 144	11D2525
PCB-1242		0.0260		mg/kg wet		45 - 137	11D2525
PCB-1248		0.0300		mg/kg wet		44 - 139	11D2525
PCB-1254	0.167	0.198		mg/kg wet	119	72 - 137	11D2525
PCB-1260		0.0280		mg/kg wet		56 - 150	11D2525
Surrogate: Tetrachloro-meta-xylene	0.0167	0.0140		mg/kg wet	84	19 - 147	11D2525
Surrogate: Decachlorobiphenyl	0.0167	0.0140		mg/kg wet	84	20 - 150	11D2525
<b>Chlorinated Herbicides by EPA Method 8151A</b>							
2,4-D	0.167	0.181	J3	mg/kg wet	109	10 - 103	11D3442
Dalapon	0.167	0.0257		mg/kg wet	15	10 - 150	11D3442
2,4-DB	0.167	0.220		mg/kg wet	132	10 - 150	11D3442
Dicamba	0.167	0.140		mg/kg wet	84	10 - 146	11D3442
Dichloroprop	0.167	0.151		mg/kg wet	91	10 - 150	11D3442
Dinoseb	0.167	0.0993		mg/kg wet	60	10 - 138	11D3442
MCPA	16.7	16.3		mg/kg wet	98	10 - 150	11D3442
MCPP	16.7	0.489	J3,	mg/kg wet		10 - 150	11D3442
4-Nitrophenol	0.167	0.0100	J3,	mg/kg wet		10 - 135	11D3442
Pentachlorophenol	0.167	0.130		mg/kg wet	78	10 - 122	11D3442
Picloram	0.167	0.156		mg/kg wet	94	10 - 145	11D3442
2,4,5-T	0.167	0.143		mg/kg wet	86	10 - 150	11D3442
2,4,5-TP (Silvex)	0.167	0.199		mg/kg wet	119	10 - 139	11D3442
Acifluorfen	0.167	0.0100	J3,	mg/kg wet		10 - 134	11D3442
Chloramben	0.167	0.161		mg/kg wet	97	10 - 150	11D3442
DCPA	0.167	0.0550		mg/kg wet	33	10 - 109	11D3442
3,5-Dichlorobenzoic acid	0.167	0.128		mg/kg wet	77	10 - 150	11D3442
Surrogate: Dichloroacetic Acid	0.167	0.271	J1	mg/kg wet	162	10 - 150	11D3442

**Organophosphorous Pesticides (GC)**

TestAmerica Nashville  
 Shali Brown  
 Project Manager

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

Work Order: NUD0995  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/07/11  
 Received: 04/07/11

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

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Organophosphorous Pesticides (GC)</b>							
Atrazine	0.665	0.503		mg/Kg dry wet	76	26 - 117	79870
Diazinon	0.166	0.0815		mg/Kg dry wet	49	20 - 100	79870
Ethyl Parathion	0.166	0.125		mg/Kg dry wet	75	22 - 116	79870
Methyl parathion	0.166	0.118		mg/Kg dry wet	71	20 - 107	79870
Naled	0.665	0.0714	J3	mg/Kg dry wet	11	50 - 130	79870
Phorate	0.166	0.0744	J3	mg/Kg dry wet	45	50 - 130	79870
Ronnel	0.166	0.0918		mg/Kg dry wet	55	38 - 130	79870
Surrogate: Triphenylphosphate	0.166	0.143		mg/Kg dry wet	86	35 - 134	79870

**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		0.512		mg/Kg dry wet	0.666	77	2	50	79870	Known
Diazinon		0.110		mg/Kg dry wet	0.166	66	30	50	79870	Known
Ethyl Parathion		0.131		mg/Kg dry wet	0.166	79	4	50	79870	Known
Methyl parathion		0.132		mg/Kg dry wet	0.166	79	11	50	79870	Known
Naled		0.116	I,J3	mg/Kg dry wet	0.666	17	48	50	79870	Known
Phorate		0.104		mg/Kg dry wet	0.166	62	33	50	79870	Known
Ronnel		0.121		mg/Kg dry wet	0.166	73	28	50	79870	Known
Surrogate: Triphenylphosphate		0.132		mg/Kg dry wet	0.166	79			79870	Known

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

Work Order: NUD0995  
 Project: Quarterly Compost  
 Project Number: [none]

Sampled: 04/07/11  
 Received: 04/07/11

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

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>Polychlorinated Biphenyls by EPA Method 8082</b>									
PCB-1016	<0.0234	0.0234		mg/kg dry			20 - 175	11D2525	NUD1303-01
PCB-1221	<0.0123	0.0123		mg/kg dry			17 - 175	11D2525	NUD1303-01
PCB-1232	<0.0178	0.0178		mg/kg dry			17 - 175	11D2525	NUD1303-01
PCB-1242	<0.0290	0.0290		mg/kg dry			21 - 175	11D2525	NUD1303-01
PCB-1248	<0.0335	0.0335		mg/kg dry			17 - 151	11D2525	NUD1303-01
PCB-1254	<0.0123	0.211		mg/kg dry	0.186	114	32 - 160	11D2525	NUD1303-01
PCB-1260	<0.0312	0.0312		mg/kg dry			51 - 159	11D2525	NUD1303-01
Surrogate: Tetrachloro-meta-xylene		0.0145		mg/kg dry	0.0186	78	19 - 147	11D2525	NUD1303-01
Surrogate: Decachlorobiphenyl		0.0141		mg/kg dry	0.0186	76	20 - 150	11D2525	NUD1303-01

**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>Polychlorinated Biphenyls by EPA Method 8082</b>										
PCB-1016	<0.0233	0.0233		mg/kg dry				50	11D2525	NUD1303-01
PCB-1221	<0.0122	0.0122		mg/kg dry				50	11D2525	NUD1303-01
PCB-1232	<0.0177	0.0177		mg/kg dry				50	11D2525	NUD1303-01
PCB-1242	<0.0288	0.0288		mg/kg dry				35	11D2525	NUD1303-01
PCB-1248	<0.0333	0.0333		mg/kg dry				50	11D2525	NUD1303-01
PCB-1254	<0.0122	0.225		mg/kg dry	0.185	122	6	37	11D2525	NUD1303-01
PCB-1260	<0.0311	0.0311		mg/kg dry				36	11D2525	NUD1303-01
Surrogate: Tetrachloro-meta-xylene		0.0155		mg/kg dry	0.0185	84			11D2525	NUD1303-01
Surrogate: Decachlorobiphenyl		0.0155		mg/kg dry	0.0185	84			11D2525	NUD1303-01

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

Work Order: NUD0995  
Project: Quarterly Compost  
Project Number: [none]

Sampled: 04/07/11  
Received: 04/07/11

### 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: NUD0995-01

Method Performed: Moisture  
Samples: NUD0995-01

### DATA QUALIFIERS AND DEFINITIONS

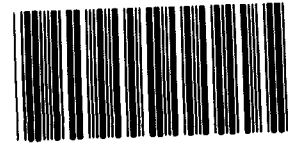
- I** The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- The reported value is between the laboratory method detection limit and method reporting limit.
- J1** Surrogate recovery limits have been exceeded.
- J3** The reported value failed 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.
- 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.

COOLER REC



NUD0995

Cooler Received/Opened On 4/8/2011 @ 08:30

1. Tracking # 8624 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 0-9 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: N/A

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) P.H.

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) \_\_\_\_\_

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...# \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

8010 Sunport Drive Suite 116 \* Orlando, FL 32812 \* Phone: 407-851-2560 \* Fax: 407-856-0886

Client: C&C Peat Co., Inc.

Project: NUD0995

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 04/07/11 14:10

And Opened On (Date/time): 4-7-11/1410

Received By: Brett Harvey

Logged in by: Ryan Reich

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: 4.20 Degrees Celsius

Temperature Blank Included: YES  NO

Packing Material: Bubblewrap  NONE  Other: Plastic

Received on Ice: YES  NO  Other:  Total # Of Containers: 4 # 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? 4 Bacteria Bottles

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:

Project Manager: Shali Brown

Corrective Actions Taken

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**SUBCONTRACT ORDER**  
**TestAmerica Nashville**  
**NUD0995**

**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.

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
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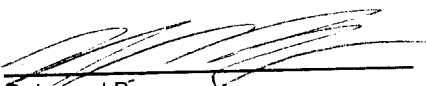
Sample ID: NUD0995-01 (POTTING SOIL - Soil)

Sampled: 04/07/11 12:50

Subcontract - OP Pesticides	mg/kg	04/14/11	12/31/13 11:50	\$245.00	0%	report in Dry Weight please
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Containers Supplied:

8 oz. Glass Jar (B)

\_\_\_\_\_  
 Released By  4-7-11  
 Date/Time

\_\_\_\_\_  
 Received By \_\_\_\_\_  
 Date/Time

\_\_\_\_\_  
 Released By \_\_\_\_\_  
 Date/Time

\_\_\_\_\_  
 Received By \_\_\_\_\_  
 Date/Time

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Tallahassee  
2846 Industrial Plaza Drive  
Tallahassee, FL 32301  
Tel: (850)878-3994

TestAmerica Job ID: 640-33037-1

TestAmerica Sample Delivery Group: NUD0995  
Client Project/Site: C&C Peat Co., Inc.

For:

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

Attn: Shali Brown



Authorized for release by:  
04/21/2011 11:55:51 AM

Laura Snead  
Project Manager II  
[laura.snead@testamericainc.com](mailto:laura.snead@testamericainc.com)

### LINKS

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**TotalAccess**

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

*Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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# Qualifier Definition/Glossary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
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.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

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# Case Narrative

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

**Job ID: 640-33037-1**

**Laboratory: TestAmerica Tallahassee**

## Narrative

### Job Narrative 640-33037-1

#### Comments

No additional comments.

#### Receipt

All samples were received in good condition within temperature requirements.

#### GC Semi VOA

Method 8141A: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 640-79870 exceeded control limits for the following analyte: Naled. Naled has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified "J3".

Method 8141A: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 640-79870 had 1 analyte outside control limits(Phorate); therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified "J3".

No other analytical or quality issues were noted.

#### Organic Prep

No analytical or quality issues were noted.

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# Detection Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

**Client Sample ID: NUD0995-01**

**Lab Sample ID: 640-33037-1**

No Detections.

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# Analytical Data

Client: TestAmerica Laboratories, Inc  
 Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
 SDG: NUD0995

## Method: 8141A - Organophosphorous Pesticides (GC)

Client Sample ID: NUD0995-01  
 Date Collected: 04/07/11 12:00  
 Date Received: 04/08/11 10:30

Lab Sample ID: 640-33037-1  
 Matrix: Solid  
 Percent Solids: 31.0

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	0.0093	U	0.21	0.0093	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Azinphos-methyl	0.048	U	0.21	0.048	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Bolstar	0.015	U	0.11	0.015	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Chlorpyrifos	0.022	U	0.11	0.022	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Coumaphos	0.071	U	1.1	0.071	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Demeton, Total	0.025	U	0.27	0.025	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Diazinon	0.018	U	0.11	0.018	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Dichlorvos	0.021	U	0.21	0.021	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Dimethoate	0.028	U	0.21	0.028	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Disulfoton	0.051	U	0.21	0.051	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
EPN	0.014	U	0.11	0.014	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Ethoprop	0.013	U	0.055	0.013	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Ethyl Parathion	0.018	U	0.11	0.018	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Fensulfothion	0.039	U	1.1	0.039	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Fenthion	0.015	U	0.11	0.015	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Malathion	0.026	U	0.11	0.026	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Merphos	0.035	U	0.11	0.035	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Methyl parathion	0.017	U	0.055	0.017	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Mevinphos	0.015	U	0.21	0.015	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Monochrotophos	0.15	U	1.1	0.15	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Naled	0.071	U J3	1.1	0.071	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Phorate	0.017	U J3	0.11	0.017	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Ronnel	0.013	U	0.11	0.013	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Simazine	0.010	U	0.21	0.010	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Stirophos	0.021	U	0.11	0.021	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Sulfotepp	0.028	U	0.055	0.028	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Tokuthion	0.017	U	0.11	0.017	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
Trichloronate	0.024	U	1.1	0.024	mg/Kg	*	04/12/11 12:08	04/15/11 18:26	1
<b>Surrogate</b>	<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Triphenylphosphate	93		35 - 134				04/12/11 12:08	04/15/11 18:26	1

# Surrogate Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

## Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TPP2 (35-134)
640-33037-1	NUD0995-01	93
LCS 640-79870/27-A	LCS 640-79870/27-A	86
LCSD 640-79870/28-A	LCSD 640-79870/28-A	79
MB 640-79870/1-A	MB 640-79870/1-A	115

#### Surrogate Legend

TPP = Triphenylphosphate

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# Quality Control Data

Client: TestAmerica Laboratories, Inc  
 Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
 SDG: NUD0995

## Method: 8141A - Organophosphorous Pesticides (GC)

**Lab Sample ID: MB 640-79870/1-A**  
**Matrix: Solid**  
**Analysis Batch: 80069**

**Client Sample ID: MB 640-79870/1-A**  
**Prep Type: Total/NA**  
**Prep Batch: 79870**

Analyte	MB MB		PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Atrazine	0.0029	U	0.066	0.0029	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Azinphos-methyl	0.015	U	0.066	0.015	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Bolstar	0.0047	U	0.033	0.0047	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Chlorpyrifos	0.0068	U	0.033	0.0068	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Coumaphos	0.022	U	0.33	0.022	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Demeton, Total	0.0077	U	0.083	0.0077	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Diazinon	0.0057	U	0.033	0.0057	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Dichlorvos	0.0064	U	0.066	0.0064	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Dimethoate	0.0088	U	0.066	0.0088	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Disulfoton	0.016	U	0.066	0.016	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
EPN	0.0045	U	0.033	0.0045	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Ethoprop	0.0042	U	0.017	0.0042	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Ethyl Parathion	0.0055	U	0.033	0.0055	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Fensulfothion	0.012	U	0.33	0.012	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Fenthion	0.0047	U	0.033	0.0047	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Malathion	0.0082	U	0.033	0.0082	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Merphos	0.011	U	0.033	0.011	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Methyl parathion	0.0054	U	0.017	0.0054	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Mevinphos	0.0046	U	0.066	0.0046	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Monochrotophos	0.046	U	0.33	0.046	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Naled	0.022	U	0.33	0.022	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Phorate	0.0054	U	0.033	0.0054	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Ronnel	0.0042	U	0.033	0.0042	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Simazine	0.0032	U	0.066	0.0032	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Stirophos	0.0064	U	0.033	0.0064	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Sulfotepp	0.0086	U	0.017	0.0086	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Tokuthion	0.0054	U	0.033	0.0054	mg/Kg		04/12/11 12:08	04/15/11 17:00	1
Trichloronate	0.0076	U	0.33	0.0076	mg/Kg		04/12/11 12:08	04/15/11 17:00	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Triphenylphosphate	115		35 - 134	04/12/11 12:08	04/15/11 17:00	1

**Lab Sample ID: LCS 640-79870/27-A**  
**Matrix: Solid**  
**Analysis Batch: 80069**

**Client Sample ID: LCS 640-79870/27-A**  
**Prep Type: Total/NA**  
**Prep Batch: 79870**

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Atrazine	0.665	0.503		mg/Kg		76	26 - 117
Diazinon	0.166	0.0815		mg/Kg		49	20 - 100
Ethyl Parathion	0.166	0.125		mg/Kg		75	22 - 116
Methyl parathion	0.166	0.118		mg/Kg		71	20 - 107
Naled	0.665	0.0714	I J3	mg/Kg		11	50 - 130
Phorate	0.166	0.0744	J3	mg/Kg		45	50 - 130
Ronnel	0.166	0.0918		mg/Kg		55	38 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
Triphenylphosphate	86		35 - 134

# Quality Control Data

Client: TestAmerica Laboratories, Inc  
 Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
 SDG: NUD0995

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 640-79870/28-A**

**Matrix: Solid**

**Analysis Batch: 80069**

**Client Sample ID: LCSD 640-79870/28-A**

**Prep Type: Total/NA**

**Prep Batch: 79870**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
Atrazine	0.666	0.512		mg/Kg		77	26 - 117	2	50
Diazinon	0.166	0.110		mg/Kg		66	20 - 100	30	50
Ethyl Parathion	0.166	0.131		mg/Kg		79	22 - 116	4	50
Methyl parathion	0.166	0.132		mg/Kg		79	20 - 107	11	50
Naled	0.666	0.116	I J3	mg/Kg		17	50 - 130	48	50
Phorate	0.166	0.104		mg/Kg		62	50 - 130	33	50
Ronnel	0.166	0.121		mg/Kg		73	38 - 130	28	50

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
Triphenylphosphate	79		35 - 134

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# QC Association Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

## GC Semi VOA

### Prep Batch: 79870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 640-79870/1-A	MB 640-79870/1-A	Total/NA	Solid	3550B	
LCS 640-79870/27-A	LCS 640-79870/27-A	Total/NA	Solid	3550B	
LCSD 640-79870/28-A	LCSD 640-79870/28-A	Total/NA	Solid	3550B	
640-33037-1	NUD0995-01	Total/NA	Solid	3550B	

### Analysis Batch: 80069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-33037-1	NUD0995-01	Total/NA	Solid	8141A	79870
MB 640-79870/1-A	MB 640-79870/1-A	Total/NA	Solid	8141A	79870
LCS 640-79870/27-A	LCS 640-79870/27-A	Total/NA	Solid	8141A	79870
LCSD 640-79870/28-A	LCSD 640-79870/28-A	Total/NA	Solid	8141A	79870

## General Chemistry

### Analysis Batch: 79868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-33037-1	NUD0995-01	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

**Client Sample ID: NUD0995-01**

**Lab Sample ID: 640-33037-1**

**Date Collected: 04/07/11 12:00**

**Matrix: Solid**

**Date Received: 04/08/11 10:30**

**Percent Solids: 31.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			79870	04/12/11 12:08	JPB	TestAmerica Tallahassee
Total/NA	Analysis	8141A		1	80069	04/15/11 18:26	MLT	TestAmerica Tallahassee
Total/NA	Analysis	Moisture		1	79868	04/12/11 09:46	JPB	TestAmerica Tallahassee

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# Certification Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Tallahassee		USDA		P330-08-00158
TestAmerica Tallahassee	Florida	NELAC	4	E81005
TestAmerica Tallahassee	Louisiana	NELAC	6	30663
TestAmerica Tallahassee	New Jersey	NELAC	2	FL012
TestAmerica Tallahassee	Oklahoma	State Program	6	9976
TestAmerica Tallahassee	Texas	NELAC	6	T104704459-11-2

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

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# Method Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1  
SDG: NUD0995

Method	Method Description	Protocol	Laboratory
8141A	Organophosphorous Pesticides (GC)	SW846	TAL TAL
Moisture	Percent Moisture	EPA	TAL TAL

**Protocol References:**

EPA = US Environmental Protection Agency

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

**Laboratory References:**

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994



# Sample Summary

Client: TestAmerica Laboratories, Inc  
Project/Site: C&C Peat Co., Inc.

TestAmerica Job ID: 640-33037-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
640-33037-1	NUD0995-01	Solid	04/07/11 12:00	04/08/11 10:30

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**SUBCONTRACT ORDER**  
**TestAmerica Nashville**  
**NUD0995**

640-33037

**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:**

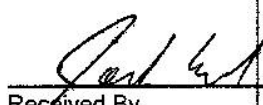
TestAmerica Tallahassee  
 2846 Industrial Plaza Dr  
 Tallahassee, FL 32301  
 Phone: (850) 878-3994  
 Fax: (850) 878-9504  
 Project Location: Florida  
 Receipt Temperature: °C      Ice: Y / N

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

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
<b>Sample ID: NUD0995-01 (POTTING SOIL - Soil)</b>						
			Sampled: 04/07/11 12:50			
Subcontract - OP Pesticides	mg/kg	04/14/11	12/31/13 11:50	\$245.00	0%	report in Dry Weight please
by 8141						
Containers Supplied:						
8 oz. Glass Jar (B)						

2.2°C

  
 Released By \_\_\_\_\_ Date/Time 4-7-11

  
 Received By \_\_\_\_\_ Date/Time 4-8-11 10 30

Released By \_\_\_\_\_ Date/Time

Received By \_\_\_\_\_ Date/Time

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## Login Sample Receipt Checklist

Client: TestAmerica Laboratories, Inc

Job Number: 640-33037-1

SDG Number: NUD0995

**Login Number: 33037**

**List Source: TestAmerica Tallahassee**

**List Number: 1**

**Creator: Snead, Joshua**

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

