

November 02, 2007

Client: C & C PEAT CO, INC.  
1650 CR470  
OKAHUMPKA, FL 34762

Work Order: OQJ0024  
Project Name: QUARTERLY - POTTING SOIL  
Project Number: 4th Quarter 2007  
Date Received: 10/02/07

Attn: STEPHEN COOK

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
POTTING SOIL	OQJ0024-01	10/02/07 08:41

EPA 7471A analysis performed at Lab ID: E81010

Samples were received into laboratory at a temperature of 11.40 °C.

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: E83012

This report has been electronically signed.

Approved By:



TestAmerica - Orlando, FL  
Enid Ortiz For Holli Raffington  
Project Manager

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Sampled: 10/02/07  
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**LABORATORY REPORT**  
**Sample ID: POTTING SOIL - Lab Number: OQJ0024-01 - Matrix: Solid/Soil**

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>General Chemistry Parameters</b>											
NA	Moisture	62.9		%	0.100	0.100	1	10/03/07 18:50	RRP	EPA 160.3	7J03034
NA	Nitrate/Nitrite as N	1.93		mg/kg dry	1.35	1.35	1	10/03/07 08:59	ALJ	EPA 353.2	7J03007
7723-14-0	Phosphorus	521	J4	mg/kg dry	20.9	26.8	2	10/10/07 09:40	ALJ	EPA 365.4	7J10023
E1644079	Total Kjeldahl Nitrogen	5190	MHA	mg/kg dry	540	2160	50	10/09/07 13:54	ALJ	EPA 351.2	7J10015
	Total Nitrogen as N	5190		mg/kg dry	540	2160	50	10/09/07 13:54	ALJ	[calc]	[CALC]
NA	% Solids	37.1		%	0.100	0.100	1	10/03/07 18:50	RRP	EPA 160.3	7J03034
NA	Total Volatile Solids	28.0		%	0.0000100	0.0000100	1	10/03/07 18:50	RRP	EPA 160.4	7J03034
<b>Metals</b>											
7440-38-2	Arsenic	0.808	U	mg/kg dry	0.808	1.35	1	10/09/07 12:08	BDG	EPA 6010B	7J03017
7440-43-9	Cadmium	0.323	U	mg/kg dry	0.323	1.35	1	10/04/07 17:26	BDG	EPA 6010B	7J03017
7440-50-8	Copper	5.50		mg/kg dry	0.727	1.35	1	10/04/07 17:25	BDG	EPA 6010B	7J03017
7439-92-1	Lead	1.17	U	mg/kg dry	1.17	1.35	1	10/04/07 17:26	BDG	EPA 6010B	7J03017
7439-98-7	Molybdenum	0.162	U	mg/kg dry	0.162	1.35	1	10/04/07 17:26	BDG	EPA 6010B	7J03017
7440-02-0	Nickel	1.35	U	mg/kg dry	1.35	1.35	1	10/04/07 17:26	BDG	EPA 6010B	7J03017
7440-09-7	Potassium	929		mg/kg dry	26.9	67.3	1	10/04/07 17:25	BDG	EPA 6010B	7J03017
7782-49-2	Selenium	1.08	U	mg/kg dry	1.08	1.35	1	10/04/07 17:26	BDG	EPA 6010B	7J03017
7440-66-6	Zinc	22.6		mg/kg dry	3.16	6.73	1	10/09/07 12:08	BDG	EPA 6010B	7J03017
<b>Microbiology</b>											
E761792	Fecal Coliform	1350000		MPN/g dry	5	5	1	10/05/07 09:45	MXN	SM 9221E	7J02026
								Prep Date: 10/02/07 12:18			
<b>Organochlorine Pesticides by EPA Method 8081A</b>											
72-54-8	4,4'-DDD	0.931	U	ug/kg dry	0.931	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
72-55-9	4,4'-DDE	0.703	U	ug/kg dry	0.703	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
50-29-3	4,4'-DDT	1.03	J4,U	ug/kg dry	1.03	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
309-00-2	Aldrin	0.498	U	ug/kg dry	0.498	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
319-84-6	alpha-BHC	0.459	U	ug/kg dry	0.459	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
5103-71-9	alpha-Chlordane	0.606	U	ug/kg dry	0.606	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
319-85-7	beta-BHC	0.600	U	ug/kg dry	0.600	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
57-74-9	Chlordane	0.144	U	ug/kg dry	0.144	45.0	1	10/04/07 19:10	SP	EPA 8081A	7J03005
319-86-8	delta-BHC	0.538	U	ug/kg dry	0.538	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
60-57-1	Dieldrin	0.677	U	ug/kg dry	0.677	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
959-98-8	Endosulfan I	0.631	U	ug/kg dry	0.631	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
33213-65-9	Endosulfan II	0.816	U	ug/kg dry	0.816	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
1031-07-8	Endosulfan sulfate	0.989	U	ug/kg dry	0.989	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
72-20-8	Endrin	0.895	U	ug/kg dry	0.895	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
7421-93-4	Endrin aldehyde	0.589	U	ug/kg dry	0.589	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
53494-70-5	Endrin ketone	3.74	U	ug/kg dry	3.74	8.97	1	10/04/07 19:10	SP	EPA 8081A	7J03005
58-89-9	gamma-BHC (Lindane)	0.499	U	ug/kg dry	0.499	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
12789-03-6	gamma-Chlordane	0.681	U	ug/kg dry	0.681	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
76-44-8	Heptachlor	0.585	U	ug/kg dry	0.585	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
1024-57-3	Heptachlor epoxide	0.515	U	ug/kg dry	0.515	4.50	1	10/04/07 19:10	SP	EPA 8081A	7J03005
72-43-5	Methoxychlor	2.24	J4,U	ug/kg dry	2.24	45.0	1	10/04/07 19:10	SP	EPA 8081A	7J03005
8001-35-2	Toxaphene	3.43	U	ug/kg dry	3.43	51.4	1	10/04/07 19:10	SP	EPA 8081A	7J03005

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**Sample ID: POTTING SOIL - Lab Number: OQJ0024-01 - Matrix: Solid/Soil**

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Organochlorine Pesticides by EPA Method 8081A - Cont.</b>											
<i>Surrogate: Decachlorobiphenyl (24-126%)</i>		67 %									
<i>Surrogate: Tetrachloro-meta-xylene (37-119%)</i>		74 %									
<b>Polychlorinated Biphenyls by EPA Method 8082</b>											
12674-11-2	PCB-1016	10.8	U	ug/kg dry	10.8	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
11104-28-2	PCB-1221	7.35	U	ug/kg dry	7.35	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
11141-16-5	PCB-1232	9.69	U	ug/kg dry	9.69	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
53469-21-9	PCB-1242	7.35	U	ug/kg dry	7.35	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
12672-29-6	PCB-1248	7.71	U	ug/kg dry	7.71	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
11097-69-1	PCB-1254	11.3	U	ug/kg dry	11.3	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
11096-82-5	PCB-1260	9.78	U	ug/kg dry	9.78	45.0	1	10/03/07 22:06	SP	EPA 8082	7J03004
<i>Surrogate: Decachlorobiphenyl (20-160%)</i>		88 %									
<i>Surrogate: Tetrachloro-meta-xylene (36-123%)</i>		81 %									
<b>Organophosphorus Pesticides by EPA Method 8141A</b>											
2642-71-9	Azinphos-Ethyl	7.41	J4,U	ug/kg dry	7.41	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
86-50-0	Azinphos-methyl	8.43	J4,U	ug/kg dry	8.43	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
35400-43-2	Bolstar	9.31	U	ug/kg dry	9.31	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
786-19-6	Carbophenothion	4.53	U	ug/kg dry	4.53	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
470-90-6	Chlorfenvinphos	4.81	U	ug/kg dry	4.81	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
2921-88-2	Chlorpyrifos	6.68	U	ug/kg dry	6.68	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
56-72-4	Coumaphos	8.75	J4,U	ug/kg dry	8.75	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
298-03-3	Demeton-o	5.61	U	ug/kg dry	5.61	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
126-75-0	Demeton-s	2.99	U	ug/kg dry	2.99	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
333-41-5	Diazinon	12.3	U	ug/kg dry	12.3	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
62-73-7	Dichlorvos	28.3	U	ug/kg dry	28.3	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
60-51-5	Dimethoate	5.64	U	ug/kg dry	5.64	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
78-34-2	Dioxathion	16.3	J4,U	ug/kg dry	16.3	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
298-04-4	Disulfoton	6.40	U	ug/kg dry	6.40	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
2104-64-5	EPN	4.73	U	ug/kg dry	4.73	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
563-12-2	Ethion	7.96	U	ug/kg dry	7.96	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
13194-48-4	Ethoprop	5.84	U	ug/kg dry	5.84	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
52-85-7	Famphur	9.33	U	ug/kg dry	9.33	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
115-90-2	Fensulfothion	5.37	J4,U	ug/kg dry	5.37	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
55-38-9	Fenthion	18.5	U	ug/kg dry	18.5	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
21609-90-5	Leptophos	5.43	U	ug/kg dry	5.43	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
121-75-5	Malathion	4.52	U	ug/kg dry	4.52	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
150-50-5	Merphos	4.85	U	ug/kg dry	4.85	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
7786-34-7	Mevinphos	6.30	U	ug/kg dry	6.30	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
6923-22-4	Monocrotophos	19.5	J3,U	ug/kg dry	19.5	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
300-76-5	Naled	14.8	U	ug/kg dry	14.8	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
56-38-2	Parathion-ethyl	5.33	U	ug/kg dry	5.33	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
298-00-0	Parathion-methyl	5.97	U	ug/kg dry	5.97	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
298-02-2	Phorate	4.85	U	ug/kg dry	4.85	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
732-11-6	Phosmet	4.81	U	ug/kg dry	4.81	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003

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**Sample ID: POTTING SOIL - Lab Number: OQJ0024-01 - Matrix: Solid/Soil**

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
<b>Organophosphorus Pesticides by EPA Method 8141A - Cont.</b>											
13171-21-6	Phosphamidon	8.12	J3,U	ug/kg dry	8.12	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
299-84-3	Ronnel	9.73	U	ug/kg dry	9.73	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
961-11-5	Stirophos	4.72	U	ug/kg dry	4.72	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
3689-24-5	Sulfotep	7.33	U	ug/kg dry	7.33	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
107-49-3	TEPP	18.7	U	ug/kg dry	18.7	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
13071-79-9	Terbufos	5.45	U	ug/kg dry	5.45	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
34643-46-4	Tokuthion (Prothiofos)	5.11	U	ug/kg dry	5.11	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
327-98-0	Trichloronate	5.58	U	ug/kg dry	5.58	45.0	1	10/03/07 16:27	SP	EPA 8141A	7J03003
	Surrogate: Tributyl phosphate (23-141%)	65 %									
	Surrogate: Triphenyl phosphate (10-160%)	46 %									
<b>Chlorinated Herbicides by EPA Method 8151A</b>											
93-76-5	2,4,5-T	4.23	U	ug/kg dry	4.23	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
93-72-1	2,4,5-TP (Silvex)	2.54	U	ug/kg dry	2.54	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
94-75-7	2,4-D	4.20	J4,U	ug/kg dry	4.20	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
94-82-6	2,4-DB	4.50	U	ug/kg dry	4.50	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
51-36-5	3,5-Dichlorobenzoic acid	5.20	U	ug/kg dry	5.20	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
100-02-7	4-Nitrophenol	28.9	U	ug/kg dry	28.9	224	1	10/12/07 03:16	REM	EPA 8151A	7J05006
50594-66-6	Acifluorfen	4.97	U	ug/kg dry	4.97	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
25057-89-0	Bentazon	2.24	J4,U	ug/kg dry	2.24	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
133-90-4	Chloramben	6.42	J4,U	ug/kg dry	6.42	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
75-99-0	Dalapon	20.5	J4,U	ug/kg dry	20.5	224	1	10/12/07 03:16	REM	EPA 8151A	7J05006
2136-79-0	DCPA diacid	2.12	U	ug/kg dry	2.12	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
1918-00-9	Dicamba	4.61	U	ug/kg dry	4.61	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
120-36-5	Dichloroprop	3.67	J4,U	ug/kg dry	3.67	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
88-85-7	Dinoseb	7.01	J4,U	ug/kg dry	7.01	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
94-74-6	MCPA	1110	J4,U	ug/kg dry	1110	2240	1	10/12/07 03:16	REM	EPA 8151A	7J05006
93-65-2	MCPP	1600	U	ug/kg dry	1600	2240	1	10/12/07 03:16	REM	EPA 8151A	7J05006
87-86-5	Pentachlorophenol	2.23	U	ug/kg dry	2.23	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
1918-02-1	Picloram	4.23	J4,U	ug/kg dry	4.23	22.4	1	10/12/07 03:16	REM	EPA 8151A	7J05006
	Surrogate: DCAA (50-153%)	69 %									
<b>Wet Chemistry</b>											
	PH	5.20		pH Units	0.100	0.100	1	10/02/07 14:10	CTG	EPA 9045	7J02036
<b>Mercury</b>											
7439-97-6	Mercury	0.027		mg/Kg dry	0.0053	0.018	1	10/24/07 12:47	MC	7471A	57764
<b>Percent Moisture</b>											
NA	Percent Solids	43		%	0.10	0.10	1	10/16/07 00:00	TS	PercentMoistu re	57447

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### SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Chlorinated Herbicides by EPA Method 8151A	OQJ0024-01	30.0 g	5.0 mL	10/05/2007	CBS	EPA 3550B
Organophosphorus Pesticides by EPA Method 8141A	OQJ0024-01	30.0 g	1.0 mL	10/03/2007	VXK	EPA 3550B
Polychlorinated Biphenyls by EPA Method 8082	OQJ0024-01	30.0 g	10.0 mL	10/03/2007	VXK	EPA 3550B
Organochlorine Pesticides by EPA Method 8081A	OQJ0024-01	30.0 g	10.0 mL	10/03/2007	VXK	EPA 3550B

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## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>General Chemistry Parameters</b>					
Moisture	0.100		%	7J03034	7J03034-BLK1
Nitrate/Nitrite as N	0.500	U	mg/kg wet	7J03007	7J03007-BLK1
Phosphorus	3.90	U	mg/kg wet	7J10023	7J10023-BLK1
Total Kjeldahl Nitrogen	4.03	U	mg/kg wet	7J10015	7J10015-BLK1
% Solids	100		%	7J03034	7J03034-BLK1
Total Volatile Solids	0.0000100	U	%	7J03034	7J03034-BLK1
<b>Metals</b>					
Arsenic	0.300	U	mg/kg wet	7J03017	7J03017-BLK1
Cadmium	0.120	U	mg/kg wet	7J03017	7J03017-BLK1
Copper	0.270	U	mg/kg wet	7J03017	7J03017-BLK1
Lead	0.435	U	mg/kg wet	7J03017	7J03017-BLK1
Molybdenum	0.0600	U	mg/kg wet	7J03017	7J03017-BLK1
Nickel	0.500	U	mg/kg wet	7J03017	7J03017-BLK1
Potassium	10.0	U	mg/kg wet	7J03017	7J03017-BLK1
Selenium	0.400	U	mg/kg wet	7J03017	7J03017-BLK1
Zinc	1.18	U	mg/kg wet	7J03017	7J03017-BLK1
<b>Microbiology</b>					
Fecal Coliform	2	U	MPN/g wet	7J02026	7J02026-BLK1
<b>Organochlorine Pesticides by EPA Method 8081A</b>					
4,4'-DDD	0.346	U	ug/kg wet	7J03005	7J03005-BLK1
4,4'-DDE	0.261	U	ug/kg wet	7J03005	7J03005-BLK1
4,4'-DDT	0.382	U	ug/kg wet	7J03005	7J03005-BLK1
Aldrin	0.185	U	ug/kg wet	7J03005	7J03005-BLK1
alpha-BHC	0.171	U	ug/kg wet	7J03005	7J03005-BLK1
alpha-Chlordane	0.225	U	ug/kg wet	7J03005	7J03005-BLK1
beta-BHC	0.223	U	ug/kg wet	7J03005	7J03005-BLK1
Chlordane	0.0533	U	ug/kg wet	7J03005	7J03005-BLK1
delta-BHC	0.200	U	ug/kg wet	7J03005	7J03005-BLK1
Dieldrin	0.251	U	ug/kg wet	7J03005	7J03005-BLK1
Endosulfan I	0.234	U	ug/kg wet	7J03005	7J03005-BLK1
Endosulfan II	0.303	U	ug/kg wet	7J03005	7J03005-BLK1
Endosulfan sulfate	0.367	U	ug/kg wet	7J03005	7J03005-BLK1
Endrin	0.332	U	ug/kg wet	7J03005	7J03005-BLK1
Endrin aldehyde	0.219	U	ug/kg wet	7J03005	7J03005-BLK1
Endrin ketone	1.39	U	ug/kg wet	7J03005	7J03005-BLK1
gamma-BHC (Lindane)	0.185	U	ug/kg wet	7J03005	7J03005-BLK1
gamma-Chlordane	0.253	U	ug/kg wet	7J03005	7J03005-BLK1
Heptachlor	0.217	U	ug/kg wet	7J03005	7J03005-BLK1
Heptachlor epoxide	0.191	U	ug/kg wet	7J03005	7J03005-BLK1
Methoxychlor	0.831	U	ug/kg wet	7J03005	7J03005-BLK1
Surrogate: Decachlorobiphenyl	67.9		ug/kg wet	7J03005	7J03005-BLK1

Client: C & C PEAT CO, INC.  
 1650 CR470  
 OKAHUMPKA, FL 34762  
 Attn: STEPHEN COOK

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 Project Number: 4th Quarter 2007

Sampled: 10/02/07  
 Received: 10/02/07

## PROJECT QUALITY CONTROL DATA

### Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Organochlorine Pesticides by EPA Method 8081A</b>					
<i>Surrogate: Tetrachloro-meta-xylene</i>	61.9		ug/kg wet	7J03005	7J03005-BLK1
<b>Polychlorinated Biphenyls by EPA Method 8082</b>					
PCB-1016	4.01	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1221	2.73	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1232	3.60	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1242	2.73	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1248	2.86	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1254	4.20	U	ug/kg wet	7J03004	7J03004-BLK1
PCB-1260	3.63	U	ug/kg wet	7J03004	7J03004-BLK1
<i>Surrogate: Decachlorobiphenyl</i>	59.3		ug/kg wet	7J03004	7J03004-BLK1
<i>Surrogate: Tetrachloro-meta-xylene</i>	57.7		ug/kg wet	7J03004	7J03004-BLK1
<b>Organophosphorus Pesticides by EPA Method 8141A</b>					
Azinphos-Ethyl	2.75	U	ug/kg wet	7J03003	7J03003-BLK1
Azinphos-methyl	3.13	U	ug/kg wet	7J03003	7J03003-BLK1
Bolstar	3.46	U	ug/kg wet	7J03003	7J03003-BLK1
Carbophenothion	1.68	U	ug/kg wet	7J03003	7J03003-BLK1
Chlorfenvinphos	1.79	U	ug/kg wet	7J03003	7J03003-BLK1
Chlorpyrifos	2.48	U	ug/kg wet	7J03003	7J03003-BLK1
Coumaphos	3.25	U	ug/kg wet	7J03003	7J03003-BLK1
Demeton-o	2.08	U	ug/kg wet	7J03003	7J03003-BLK1
Demeton-s	1.11	U	ug/kg wet	7J03003	7J03003-BLK1
Diazinon	4.58	U	ug/kg wet	7J03003	7J03003-BLK1
Dichlorvos	10.5	U	ug/kg wet	7J03003	7J03003-BLK1
Dimethoate	2.10	U	ug/kg wet	7J03003	7J03003-BLK1
Dioxathion	6.06	U	ug/kg wet	7J03003	7J03003-BLK1
Disulfoton	2.38	U	ug/kg wet	7J03003	7J03003-BLK1
EPN	1.76	U	ug/kg wet	7J03003	7J03003-BLK1
Ethion	2.95	U	ug/kg wet	7J03003	7J03003-BLK1
Ethoprop	2.17	U	ug/kg wet	7J03003	7J03003-BLK1
Famphur	3.46	U	ug/kg wet	7J03003	7J03003-BLK1
Fensulfothion	1.99	U	ug/kg wet	7J03003	7J03003-BLK1
Fenthion	6.85	U	ug/kg wet	7J03003	7J03003-BLK1
Leptophos	2.02	U	ug/kg wet	7J03003	7J03003-BLK1
Malathion	1.68	U	ug/kg wet	7J03003	7J03003-BLK1
Merphos	1.80	U	ug/kg wet	7J03003	7J03003-BLK1
Mevinphos	2.34	U	ug/kg wet	7J03003	7J03003-BLK1
Monocrotophos	7.23	U	ug/kg wet	7J03003	7J03003-BLK1
Naled	5.48	U	ug/kg wet	7J03003	7J03003-BLK1
Parathion-ethyl	1.98	U	ug/kg wet	7J03003	7J03003-BLK1
Parathion-methyl	2.22	U	ug/kg wet	7J03003	7J03003-BLK1
Phorate	1.80	U	ug/kg wet	7J03003	7J03003-BLK1

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## PROJECT QUALITY CONTROL DATA

### Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
<b>Organophosphorus Pesticides by EPA Method 8141A</b>					
Phosmet	1.79	U	ug/kg wet	7J03003	7J03003-BLK1
Phosphamidon	3.02	U	ug/kg wet	7J03003	7J03003-BLK1
Ronnel	3.61	U	ug/kg wet	7J03003	7J03003-BLK1
Stirophos	1.75	U	ug/kg wet	7J03003	7J03003-BLK1
Sulfotep	2.72	U	ug/kg wet	7J03003	7J03003-BLK1
TEPP	6.93	U	ug/kg wet	7J03003	7J03003-BLK1
Terbufos	2.03	U	ug/kg wet	7J03003	7J03003-BLK1
Tokuthion (Prothiofos)	1.90	U	ug/kg wet	7J03003	7J03003-BLK1
Trichloronate	2.07	U	ug/kg wet	7J03003	7J03003-BLK1
Surrogate: Tributyl phosphate	106		ug/kg wet	7J03003	7J03003-BLK1
Surrogate: Triphenyl phosphate	167		ug/kg wet	7J03003	7J03003-BLK1
<b>Chlorinated Herbicides by EPA Method 8151A</b>					
2,4,5-T	1.57	U	ug/kg wet	7J05006	7J05006-BLK1
2,4,5-TP (Silvex)	0.943	U	ug/kg wet	7J05006	7J05006-BLK1
2,4-D	1.56	U	ug/kg wet	7J05006	7J05006-BLK1
2,4-DB	1.67	U	ug/kg wet	7J05006	7J05006-BLK1
3,5-Dichlorobenzoic acid	1.93	U	ug/kg wet	7J05006	7J05006-BLK1
4-Nitrophenol	10.7	U	ug/kg wet	7J05006	7J05006-BLK1
Acifluorfen	1.84	U	ug/kg wet	7J05006	7J05006-BLK1
Bentazon	0.833	U	ug/kg wet	7J05006	7J05006-BLK1
Chloramben	2.39	U	ug/kg wet	7J05006	7J05006-BLK1
Dalapon	7.60	U	ug/kg wet	7J05006	7J05006-BLK1
DCCA diacid	0.789	U	ug/kg wet	7J05006	7J05006-BLK1
Dicamba	1.71	U	ug/kg wet	7J05006	7J05006-BLK1
Dichloroprop	1.36	U	ug/kg wet	7J05006	7J05006-BLK1
Dinoseb	2.60	U	ug/kg wet	7J05006	7J05006-BLK1
MCPA	414	U	ug/kg wet	7J05006	7J05006-BLK1
MCPP	593	U	ug/kg wet	7J05006	7J05006-BLK1
Pentachlorophenol	0.827	U	ug/kg wet	7J05006	7J05006-BLK1
Picloram	1.57	U	ug/kg wet	7J05006	7J05006-BLK1
Surrogate: DCAA	157		ug/kg wet	7J05006	7J05006-BLK1
<b>Wet Chemistry</b>					
pH	3.87		pH Units	7J02036	7J02036-BLK1
<b>Mercury</b>					
Mercury	0.0024	U	mg/Kg dry	57764	400-57826-13



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### PROJECT QUALITY CONTROL DATA

#### Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
<b>General Chemistry Parameters</b>								
Moisture	62.9	63.4		%	0.8	15.9	7J03034	OQJ0024-01
% Solids	37.1	36.6		%	1	20	7J03034	OQJ0024-01
Total Volatile Solids	28.0	28.5		%	2	20	7J03034	OQJ0024-01
<b>Wet Chemistry</b>								
pH	5.20	5.24		pH Units	0.8	6.8	7J02036	OQJ0024-01

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

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>General Chemistry Parameters</b>							
Moisture		1000		%		90 - 110	7J03034
Nitrate/Nitrite as N	25.0	26.2		mg/kg wet	105	90 - 110	7J03007
Phosphorus	100	95.8		mg/kg wet	96	90 - 110	7J10023
Total Kjeldahl Nitrogen	100	96.2		mg/kg wet	96	90 - 110	7J10015
% Solids	1000	1000		%	100	90 - 110	7J03034
Total Volatile Solids	0.100	0.100		%	100	90 - 110	7J03034
<b>Metals</b>							
Arsenic	20.0	19.3		mg/kg wet	96	80 - 120	7J03017
Cadmium	20.0	18.1		mg/kg wet	91	80 - 120	7J03017
Copper	20.0	17.5		mg/kg wet	87	80 - 120	7J03017
Lead	20.0	17.6		mg/kg wet	88	80 - 120	7J03017
Molybdenum	20.0	18.6		mg/kg wet	93	80 - 120	7J03017
Nickel	20.0	17.9		mg/kg wet	89	80 - 120	7J03017
Potassium	500	444		mg/kg wet	89	80 - 120	7J03017
Selenium	20.0	17.9		mg/kg wet	90	80 - 120	7J03017
Zinc	20.0	20.3		mg/kg wet	102	80 - 120	7J03017
<b>Organochlorine Pesticides by EPA Method 8081A</b>							
4,4'-DDD	33.3	30.3		ug/kg wet	91	76 - 121	7J03005
4,4'-DDE	33.3	31.1		ug/kg wet	93	75 - 120	7J03005
4,4'-DDT	33.3	33.0		ug/kg wet	99	68 - 127	7J03005
Aldrin	33.3	29.9		ug/kg wet	90	68 - 116	7J03005
alpha-BHC	33.3	27.3		ug/kg wet	82	74 - 117	7J03005
alpha-Chlordane	33.3	30.4		ug/kg wet	91	68 - 114	7J03005
beta-BHC	33.3	32.6		ug/kg wet	98	70 - 123	7J03005
delta-BHC	33.3	21.3		ug/kg wet	64	53 - 104	7J03005
Dieldrin	33.3	31.5		ug/kg wet	94	68 - 130	7J03005
Endosulfan I	33.3	31.7		ug/kg wet	95	68 - 119	7J03005
Endosulfan II	33.3	31.7		ug/kg wet	95	68 - 121	7J03005
Endosulfan sulfate	33.3	27.7		ug/kg wet	83	62 - 123	7J03005
Endrin	33.3	31.1		ug/kg wet	93	64 - 133	7J03005
Endrin aldehyde	33.3	24.5		ug/kg wet	74	55 - 104	7J03005
Endrin ketone	33.3	30.9		ug/kg wet	93	66 - 122	7J03005
gamma-BHC (Lindane)	33.3	27.7		ug/kg wet	83	69 - 125	7J03005
gamma-Chlordane	33.3	30.4		ug/kg wet	91	71 - 124	7J03005
Heptachlor	33.3	32.6		ug/kg wet	98	70 - 130	7J03005
Heptachlor epoxide	33.3	31.5		ug/kg wet	95	68 - 119	7J03005
Methoxychlor	33.3	36.3		ug/kg wet	109	42 - 150	7J03005
Surrogate: Decachlorobiphenyl	66.7	66.7		ug/kg wet	100	24 - 126	7J03005
Surrogate: Tetrachloro-meta-xylene	66.7	60.3		ug/kg wet	90	37 - 119	7J03005

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

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Polychlorinated Biphenyls by EPA Method 8082</b>							
PCB-1016	333	290		ug/kg wet	87	78 - 120	7J03004
PCB-1221		2.73		ug/kg wet		50 - 130	7J03004
PCB-1232		3.60		ug/kg wet		50 - 130	7J03004
PCB-1242		2.73		ug/kg wet		50 - 130	7J03004
PCB-1248		2.86		ug/kg wet		50 - 130	7J03004
PCB-1254		4.20		ug/kg wet		50 - 130	7J03004
PCB-1260	333	300		ug/kg wet	90	75 - 126	7J03004
Surrogate: Decachlorobiphenyl	66.7	59.0		ug/kg wet	88	20 - 160	7J03004
Surrogate: Tetrachloro-meta-xylene	66.7	57.7		ug/kg wet	86	36 - 123	7J03004
<b>Organophosphorus Pesticides by EPA Method 8141A</b>							
Azinphos-Ethyl	167	201		ug/kg wet	121	53 - 159	7J03003
Azinphos-methyl	167	213		ug/kg wet	128	51 - 145	7J03003
Bolstar	167	176		ug/kg wet	105	59 - 128	7J03003
Carbophenothion	167	173		ug/kg wet	104	55 - 149	7J03003
Chlorfenvinphos	167	179		ug/kg wet	107	52 - 134	7J03003
Chlorpyrifos	167	157		ug/kg wet	94	38 - 112	7J03003
Coumaphos	167	210		ug/kg wet	126	55 - 154	7J03003
Demeton-o		109		ug/kg wet		35 - 158	7J03003
Demeton-s		6.90		ug/kg wet		10 - 162	7J03003
Diazinon	167	149		ug/kg wet	89	38 - 135	7J03003
Dichlorvos	167	156		ug/kg wet	94	38 - 126	7J03003
Dimethoate	167	175		ug/kg wet	105	50 - 136	7J03003
Dioxathion	167	63.1		ug/kg wet	38	26 - 140	7J03003
Disulfoton	167	140		ug/kg wet	84	36 - 119	7J03003
EPN	167	189		ug/kg wet	114	42 - 145	7J03003
Ethion	167	162		ug/kg wet	97	54 - 128	7J03003
Ethoprop	167	161		ug/kg wet	97	52 - 129	7J03003
Famphur	167	180		ug/kg wet	108	37 - 161	7J03003
Fensulfothion	167	189		ug/kg wet	113	36 - 138	7J03003
Fenthion	167	157		ug/kg wet	94	52 - 129	7J03003
Leptophos	167	202		ug/kg wet	121	46 - 156	7J03003
Malathion	167	171		ug/kg wet	102	53 - 131	7J03003
Merphos	167	236		ug/kg wet	142	70 - 226	7J03003
Mevinphos	167	93.0		ug/kg wet	56	38 - 110	7J03003
Monocrotophos	167	209	J3	ug/kg wet	125	43 - 123	7J03003
Naled	167	145		ug/kg wet	87	10 - 138	7J03003
Parathion-ethyl		163		ug/kg wet		42 - 132	7J03003
Parathion-methyl	167	169		ug/kg wet	102	38 - 149	7J03003
Phorate	167	122		ug/kg wet	73	40 - 126	7J03003

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

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
<b>Organophosphorus Pesticides by EPA Method 8141A</b>							
Phosmet	167	195		ug/kg wet	117	59 - 145	7J03003
Phosphamidon	167	275	J3	ug/kg wet	165	39 - 139	7J03003
Ronnel	167	148		ug/kg wet	89	47 - 137	7J03003
Stirophos	167	178		ug/kg wet	107	44 - 150	7J03003
Sulfotep	167	152		ug/kg wet	91	45 - 119	7J03003
TEPP	167	155		ug/kg wet	93	10 - 93	7J03003
Terbufos	167	142		ug/kg wet	85	42 - 134	7J03003
Tokuthion (Prothiofos)	167	163		ug/kg wet	98	56 - 132	7J03003
Trichloronate	167	154		ug/kg wet	92	54 - 128	7J03003
Surrogate: Tributyl phosphate	167	154		ug/kg wet	92	23 - 141	7J03003
Surrogate: Triphenyl phosphate	167	172		ug/kg wet	103	10 - 160	7J03003
<b>Chlorinated Herbicides by EPA Method 8151A</b>							
2,4,5-T	33.3	47.3		ug/kg wet	142	54 - 148	7J05006
2,4,5-TP (Silvex)	33.3	35.0		ug/kg wet	105	32 - 148	7J05006
2,4-D	33.3	36.9		ug/kg wet	111	26 - 145	7J05006
2,4-DB	33.3	26.8		ug/kg wet	80	46 - 147	7J05006
3,5-Dichlorobenzoic acid	33.3	33.4		ug/kg wet	100	35 - 157	7J05006
4-Nitrophenol	167	129		ug/kg wet	77	10 - 132	7J05006
Acifluorfen	33.3	36.2		ug/kg wet	109	10 - 151	7J05006
Bentazon	33.3	34.3		ug/kg wet	103	33 - 138	7J05006
Chloramben	33.3	26.3		ug/kg wet	79	27 - 139	7J05006
Dalapon	167	147		ug/kg wet	88	29 - 142	7J05006
DCPA diacid		29.0		ug/kg wet		39 - 110	7J05006
Dicamba	33.3	39.8		ug/kg wet	119	32 - 144	7J05006
Dichloroprop	33.3	40.8		ug/kg wet	122	54 - 160	7J05006
Dinoseb	33.3	32.8		ug/kg wet	98	10 - 131	7J05006
MCPA	3330	3090		ug/kg wet	93	20 - 162	7J05006
MCPP	3330	3900		ug/kg wet	117	19 - 148	7J05006
Pentachlorophenol	33.3	30.6		ug/kg wet	92	42 - 129	7J05006
Picloram	33.3	37.8		ug/kg wet	114	44 - 138	7J05006
Surrogate: DCAA	167	168		ug/kg wet	101	50 - 153	7J05006
<b>Wet Chemistry</b>							
pH	6.00	5.97		pH Units	99	95 - 105	7J02036
<b>Mercury</b>							
Mercury	1.72	1.65		mg/Kg dry	96	68 - 132	57764

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## PROJECT QUALITY CONTROL DATA

### Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>General Chemistry Parameters</b>									
Nitrate/Nitrite as N	1.93	63.0		mg/kg dry	67.3	91	90 - 110	7J03007	OQJ0024-01
Phosphorus	521	1010	J4	mg/kg dry	264	186	90 - 110	7J10023	OQJ0024-01
Total Kjeldahl Nitrogen	5190	6570	MHA	mg/kg dry	269	515	90 - 110	7J10015	OQJ0024-01
<b>Metals</b>									
Arsenic	<0.325	11.8	J4	mg/kg dry	21.7	55	75 - 125	7J03017	OQJ0008-01
Cadmium	<0.130	18.0		mg/kg dry	21.7	83	75 - 125	7J03017	OQJ0008-01
Copper	2.69	19.5		mg/kg dry	21.7	78	75 - 125	7J03017	OQJ0008-01
Lead	10.4	25.1	J4	mg/kg dry	21.7	68	75 - 125	7J03017	OQJ0008-01
Molybdenum	0.0843	17.0		mg/kg dry	21.7	78	75 - 125	7J03017	OQJ0008-01
Nickel	1.32	19.4		mg/kg dry	21.7	84	75 - 125	7J03017	OQJ0008-01
Potassium	38.2	485		mg/kg dry	541	83	75 - 125	7J03017	OQJ0008-01
Selenium	<0.433	12.7	J4	mg/kg dry	21.7	59	75 - 125	7J03017	OQJ0008-01
Zinc	39.1	50.3	J4	mg/kg dry	21.7	51	75 - 125	7J03017	OQJ0008-01
<b>Organochlorine Pesticides by EPA Method 8081A</b>									
4,4'-DDD	<0.931	84.1		ug/kg dry	89.8	94	39 - 140	7J03005	OQJ0024-01
4,4'-DDE	<0.703	63.5		ug/kg dry	89.8	71	52 - 124	7J03005	OQJ0024-01
4,4'-DDT	<1.03	174	J4	ug/kg dry	89.8	194	44 - 144	7J03005	OQJ0024-01
Aldrin	<0.498	64.7		ug/kg dry	89.8	72	38 - 117	7J03005	OQJ0024-01
alpha-BHC	<0.459	61.9		ug/kg dry	89.8	69	19 - 135	7J03005	OQJ0024-01
alpha-Chlordane	<0.606	65.8		ug/kg dry	89.8	73	37 - 127	7J03005	OQJ0024-01
beta-BHC	<0.600	67.5		ug/kg dry	89.8	75	36 - 125	7J03005	OQJ0024-01
delta-BHC	<0.538	46.0		ug/kg dry	89.8	51	21 - 136	7J03005	OQJ0024-01
Dieldrin	<0.677	69.0		ug/kg dry	89.8	77	38 - 137	7J03005	OQJ0024-01
Endosulfan I	<0.631	70.2		ug/kg dry	89.8	78	42 - 126	7J03005	OQJ0024-01
Endosulfan II	<0.816	74.9		ug/kg dry	89.8	83	37 - 135	7J03005	OQJ0024-01
Endosulfan sulfate	<0.989	89.4		ug/kg dry	89.8	100	22 - 134	7J03005	OQJ0024-01
Endrin	<0.895	79.5		ug/kg dry	89.8	88	48 - 134	7J03005	OQJ0024-01
Endrin aldehyde	<0.589	71.2		ug/kg dry	89.8	79	10 - 126	7J03005	OQJ0024-01
Endrin ketone	<3.74	111		ug/kg dry	89.8	123	44 - 127	7J03005	OQJ0024-01
gamma-BHC (Lindane)	<0.499	75.0		ug/kg dry	89.8	84	21 - 136	7J03005	OQJ0024-01
gamma-Chlordane	<0.681	68.6		ug/kg dry	89.8	76	39 - 121	7J03005	OQJ0024-01
Heptachlor	<0.585	103		ug/kg dry	89.8	115	23 - 134	7J03005	OQJ0024-01
Heptachlor epoxide	<0.515	75.9		ug/kg dry	89.8	85	38 - 131	7J03005	OQJ0024-01
Methoxychlor	<2.24	235	J4	ug/kg dry	89.8	261	42 - 150	7J03005	OQJ0024-01
Surrogate: Decachlorobiphenyl		125		ug/kg dry	180	69	24 - 126	7J03005	OQJ0024-01
Surrogate: Tetrachloro-meta-xylene		133		ug/kg dry	180	74	37 - 119	7J03005	OQJ0024-01
<b>Polychlorinated Biphenyls by EPA Method 8082</b>									
PCB-1016	<4.31	298		ug/kg dry	358	83	43 - 147	7J03004	OQI0658-01
PCB-1260	<3.90	331		ug/kg dry	358	92	39 - 142	7J03004	OQI0658-01

Client: C & C PEAT CO, INC.  
1650 CR470  
OKAHUMPKA, FL 34762  
Attn: STEPHEN COOK

Work Order: OQJ0024  
Project: QUARTERLY - POTTING SOIL  
Project Number: 4th Quarter 2007

Sampled: 10/02/07  
Received: 10/02/07

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

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>Polychlorinated Biphenyls by EPA Method 8082</b>									
<i>Surrogate: Decachlorobiphenyl</i>		65.9		ug/kg dry	71.6	92	20 - 160	7J03004	OQJ0658-01
<i>Surrogate: Tetrachloro-meta-xylene</i>		54.8		ug/kg dry	71.6	76	36 - 123	7J03004	OQJ0658-01
<b>Organophosphorus Pesticides by EPA Method 8141A</b>									
Azinphos-Ethyl	<7.41	101	J4	ug/kg dry	449	22	28 - 185	7J03003	OQJ0024-01
Azinphos-methyl	<8.43	117	J4	ug/kg dry	449	26	30 - 178	7J03003	OQJ0024-01
Bolstar	<9.31	297		ug/kg dry	449	66	27 - 170	7J03003	OQJ0024-01
Carbophenothion	<4.53	494		ug/kg dry	449	110	42 - 154	7J03003	OQJ0024-01
Chlorfenvinphos	<4.81	228		ug/kg dry	449	51	25 - 150	7J03003	OQJ0024-01
Chlorpyrifos	<6.68	346		ug/kg dry	449	77	48 - 125	7J03003	OQJ0024-01
Coumaphos	<8.75	177	J4	ug/kg dry	449	39	44 - 180	7J03003	OQJ0024-01
Demeton-o	<5.61	220		ug/kg dry			35 - 158	7J03003	OQJ0024-01
Demeton-s	<2.99	105		ug/kg dry			10 - 162	7J03003	OQJ0024-01
Diazinon	<12.3	418		ug/kg dry	449	93	36 - 145	7J03003	OQJ0024-01
Dichlorvos	<28.3	303		ug/kg dry	449	67	38 - 126	7J03003	OQJ0024-01
Dimethoate	<5.64	229		ug/kg dry	449	51	20 - 153	7J03003	OQJ0024-01
Dioxathion	<16.3	1470	M11	ug/kg dry	449	328	26 - 140	7J03003	OQJ0024-01
Disulfoton	<6.40	355		ug/kg dry	449	79	36 - 119	7J03003	OQJ0024-01
EPN	<4.73	199		ug/kg dry	449	44	21 - 163	7J03003	OQJ0024-01
Ethion	<7.96	249		ug/kg dry	449	56	47 - 148	7J03003	OQJ0024-01
Ethoprop	<5.84	371		ug/kg dry	449	83	39 - 126	7J03003	OQJ0024-01
Famphur	<9.33	274		ug/kg dry	449	61	37 - 161	7J03003	OQJ0024-01
Fensulfothion	<5.37	5.37	J4,	ug/kg dry	449		10 - 141	7J03003	OQJ0024-01
Fenthion	<18.5	329		ug/kg dry	449	73	35 - 154	7J03003	OQJ0024-01
Leptophos	<5.43	187		ug/kg dry	449	42	27 - 176	7J03003	OQJ0024-01
Malathion	<4.52	347		ug/kg dry	449	77	50 - 130	7J03003	OQJ0024-01
Merphos	<4.85	360		ug/kg dry	449	80	42 - 235	7J03003	OQJ0024-01
Mevinphos	<6.30	192		ug/kg dry	449	43	10 - 107	7J03003	OQJ0024-01
Monocrotophos	<19.5	19.5	J3,	ug/kg dry	449		10 - 150	7J03003	OQJ0024-01
Naled	<14.8	175		ug/kg dry	449	39	10 - 162	7J03003	OQJ0024-01
Parathion-ethyl	<5.33	306		ug/kg dry			43 - 141	7J03003	OQJ0024-01
Parathion-methyl	<5.97	359		ug/kg dry	449	80	24 - 156	7J03003	OQJ0024-01
Phorate	<4.85	406		ug/kg dry	449	90	39 - 132	7J03003	OQJ0024-01
Phosmet	<4.81	174		ug/kg dry	449	39	39 - 173	7J03003	OQJ0024-01
Phosphamidon	<8.12	363		ug/kg dry	449	81	19 - 143	7J03003	OQJ0024-01
Ronnel	<9.73	341		ug/kg dry	449	76	27 - 155	7J03003	OQJ0024-01
Stirophos	<4.72	238		ug/kg dry	449	53	36 - 156	7J03003	OQJ0024-01
Sulfotep	<7.33	402		ug/kg dry	449	90	41 - 122	7J03003	OQJ0024-01
TEPP	<18.7	162		ug/kg dry	449	36	10 - 127	7J03003	OQJ0024-01
Terbufos	<5.45	376		ug/kg dry	449	84	42 - 134	7J03003	OQJ0024-01

Client: C & C PEAT CO, INC.  
 1650 CR470  
 OKAHUMPKA, FL 34762  
 Attn: STEPHEN COOK

Work Order: OQJ0024  
 Project: QUARTERLY - POTTING SOIL  
 Project Number: 4th Quarter 2007

Sampled: 10/02/07  
 Received: 10/02/07

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

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
<b>Organophosphorus Pesticides by EPA Method 8141A</b>									
Tokuthion (Prothiofos)	<5.11	310		ug/kg dry	449	69	40 - 152	7J03003	OQJ0024-01
Trichloronate	<5.58	338		ug/kg dry	449	75	41 - 144	7J03003	OQJ0024-01
Surrogate: Tributyl phosphate		301		ug/kg dry	449	67	23 - 141	7J03003	OQJ0024-01
Surrogate: Triphenyl phosphate		232		ug/kg dry	449	52	10 - 160	7J03003	OQJ0024-01
<b>Chlorinated Herbicides by EPA Method 8151A</b>									
2,4,5-T	<4.23	133		ug/kg dry	89.8	148	54 - 148	7J05006	OQJ0024-01
2,4,5-TP (Silvex)	<2.54	77.8		ug/kg dry	89.8	87	32 - 148	7J05006	OQJ0024-01
2,4-D	<4.20	151	J4	ug/kg dry	89.8	168	26 - 145	7J05006	OQJ0024-01
2,4-DB	<4.50	125		ug/kg dry	89.8	139	46 - 147	7J05006	OQJ0024-01
3,5-Dichlorobenzoic acid	<5.20	94.8		ug/kg dry	89.8	106	35 - 157	7J05006	OQJ0024-01
4-Nitrophenol	<28.9	255		ug/kg dry	449	57	10 - 132	7J05006	OQJ0024-01
Acifluorfen	<4.97	77.3		ug/kg dry	89.8	86	10 - 151	7J05006	OQJ0024-01
Bentazon	<2.24	322	J4	ug/kg dry	89.8	358	33 - 138	7J05006	OQJ0024-01
Chloramben	<6.42	52.6		ug/kg dry	89.8	59	27 - 139	7J05006	OQJ0024-01
Dalapon	<20.5	261		ug/kg dry	449	58	10 - 103	7J05006	OQJ0024-01
DCPA diacid	<2.12	77.0		ug/kg dry			39 - 110	7J05006	OQJ0024-01
Dicamba	<4.61	82.1		ug/kg dry	89.8	91	32 - 144	7J05006	OQJ0024-01
Dichloroprop	<3.67	82.1		ug/kg dry	89.8	92	54 - 160	7J05006	OQJ0024-01
Dinoseb	<7.01	109		ug/kg dry	89.8	122	10 - 131	7J05006	OQJ0024-01
MCPA	<1110	12200		ug/kg dry	8980	136	20 - 162	7J05006	OQJ0024-01
MCPP	<1600	12800		ug/kg dry	8980	142	19 - 148	7J05006	OQJ0024-01
Pentachlorophenol	<2.23	44.6		ug/kg dry	89.8	50	42 - 129	7J05006	OQJ0024-01
Picloram	<4.23	121		ug/kg dry	89.8	135	44 - 138	7J05006	OQJ0024-01
Surrogate: DCAA		323		ug/kg dry	449	72	50 - 153	7J05006	OQJ0024-01
<b>Mercury</b>									
Mercury	0.037	0.138		mg/Kg dry	0.102	100	75 - 125	57764	400-57826-37

Client: C & C PEAT CO, INC.  
1650 CR470  
OKAHUMPKA, FL 34762  
Attn: STEPHEN COOK

Work Order: OQJ0024  
Project: QUARTERLY - POTTING SOIL  
Project Number: 4th Quarter 2007

Sampled: 10/02/07  
Received: 10/02/07

**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>General Chemistry Parameters</b>										
Nitrate/Nitrite as N	1.93	63.9		mg/kg dry	67.3	92	1	20	7J03007	OQJ0024-01
Phosphorus	521	1210	J4	mg/kg dry	269	256	18	20	7J10023	OQJ0024-01
Total Kjeldahl Nitrogen	5190	6260	MHA	mg/kg dry	269	400	5	20	7J10015	OQJ0024-01
<b>Metals</b>										
Arsenic	<0.325	12.8	J4	mg/kg dry	21.7	59	8	20	7J03017	OQJ0008-01
Cadmium	<0.130	18.3		mg/kg dry	21.7	85	2	20	7J03017	OQJ0008-01
Copper	2.69	20.9		mg/kg dry	21.7	84	7	20	7J03017	OQJ0008-01
Lead	10.4	28.5		mg/kg dry	21.7	83	12	20	7J03017	OQJ0008-01
Molybdenum	0.0843	17.5		mg/kg dry	21.7	81	3	20	7J03017	OQJ0008-01
Nickel	1.32	20.1		mg/kg dry	21.7	87	3	20	7J03017	OQJ0008-01
Potassium	38.2	493		mg/kg dry	541	84	2	20	7J03017	OQJ0008-01
Selenium	<0.433	12.6	J4	mg/kg dry	21.7	58	0.9	20	7J03017	OQJ0008-01
Zinc	39.1	75.1	M11	mg/kg dry	21.7	166	40	20	7J03017	OQJ0008-01
<b>Chlorinated Herbicides by EPA Method 8151A</b>										
2,4,5-T	<4.23	126		ug/kg dry	89.8	140	5	20	7J05006	OQJ0024-01
2,4,5-TP (Silvex)	<2.54	74.4		ug/kg dry	89.8	83	4	20	7J05006	OQJ0024-01
2,4-D	<4.20	118	J4	ug/kg dry	89.8	132	24	10	7J05006	OQJ0024-01
2,4-DB	<4.50	126		ug/kg dry	89.8	140	0.7	16	7J05006	OQJ0024-01
3,5-Dichlorobenzoic acid	<5.20	90.7		ug/kg dry	89.8	101	5	53	7J05006	OQJ0024-01
4-Nitrophenol	<28.9	238		ug/kg dry	449	53	7	60	7J05006	OQJ0024-01
Acifluorfen	<4.97	52.9		ug/kg dry	89.8	59	37	53	7J05006	OQJ0024-01
Bentazon	<2.24	308	J4	ug/kg dry	89.8	344	4	53	7J05006	OQJ0024-01
Chloramben	<6.42	36.3	J4	ug/kg dry	89.8	40	37	20	7J05006	OQJ0024-01
Dalapon	<20.5	208	J4,	ug/kg dry	449	46	23	18	7J05006	OQJ0024-01
DCPA diacid	<2.12	87.2		ug/kg dry			12	20	7J05006	OQJ0024-01
Dicamba	<4.61	79.5		ug/kg dry	89.8	89	3	18	7J05006	OQJ0024-01
Dichloroprop	<3.67	66.6	J4	ug/kg dry	89.8	74	21	14	7J05006	OQJ0024-01
Dinoseb	<7.01	82.0	J4	ug/kg dry	89.8	91	28	14	7J05006	OQJ0024-01
MCPA	<1110	9110	J4	ug/kg dry	8980	101	29	14	7J05006	OQJ0024-01
MCPP	<1600	12200		ug/kg dry	8980	136	4	14	7J05006	OQJ0024-01
Pentachlorophenol	<2.23	49.6		ug/kg dry	89.8	55	11	50	7J05006	OQJ0024-01
Picloram	<4.23	96.8	J4	ug/kg dry	89.8	108	22	20	7J05006	OQJ0024-01
Surrogate: DCAA		342		ug/kg dry	449	76			7J05006	OQJ0024-01
<b>Mercury</b>										
Mercury	0.037	0.135		mg/Kg dry	0.102	96	2	20	57764	400-57826-37
<b>Metals</b>										



Client: C & C PEAT CO, INC.  
 1650 CR470  
 OKAHUMPKA, FL 34762  
 Attn: STEPHEN COOK

Work Order: OQJ0024  
 Project: QUARTERLY - POTTING SOIL  
 Project Number: 4th Quarter 2007

Sampled: 10/02/07  
 Received: 10/02/07

### CERTIFICATION SUMMARY

#### TestAmerica - Orlando, FL

Method	Matrix	Nelac	Florida
[calc]	Solid/Soil		
EPA 160.3	Solid/Soil		
EPA 160.4	Solid/Soil		
EPA 351.2	Solid/Soil		
EPA 353.2	Solid/Soil		
EPA 365.4	Solid/Soil		
EPA 6010B	Solid/Soil	X	X
EPA 8081A	Solid/Soil	X	X
EPA 8082	Solid/Soil	X	X
EPA 8141A	Solid/Soil	X	X
EPA 8151A	Solid/Soil	X	X
EPA 9045	Solid/Soil	X	X
SM 9221E	Solid/Soil	X	X

#### Subcontracted Laboratories

TestAmerica -Pensacola NELAC Cert #E81010, Florida Cert #E81010

3355 MCLEMORE DRIVE - PENSACOLA, FL 32514-7045

Analysis Performed: Mercury 7471A  
 Samples: OQJ0024-01

TestAmerica Pensacola

Method Performed: 7471A  
 Samples: OQJ0024-01

Method Performed: PercentMoisture  
 Samples: OQJ0024-01

### DATA QUALIFIERS AND DEFINITIONS

- I** Analyte detected at a level less than the reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations in this range are estimated.
- J3** The reported value failed to meet the established quality control criteria for either precision and/or accuracy.
- J4** The sample matrix interfered with the ability to make an accurate determination.
- M11** The MS and/or MSD were above the acceptance limits. See calibration verification (CCV)
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- U** The compound was analyzed for but not detected

### ADDITIONAL COMMENTS

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

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

# Test America

ANALYTICAL TESTING CORPORATION

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

Client: C & C PEAT CO, INC.

Project: OQJ0024

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 10/02/07 10:40

And Opened On (Date/time): 10/2 10:40

Received By: Jessica Batura

Logged in by: Jessica 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:

NO SAMPLER-ENTERED IN CLIENT AS THE SAMPLER.

Cooler Temperature When Opened: 11.40 Degrees Celsius

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

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

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:

Project Manager: Holli Raffington

Corrective Actions Taken

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## ANALYTICAL REPORT

Job Number: 400-25549-1

Job Description: OQJ0024

For:

TestAmerica Analytical Testing Corp.

4310 East Anderson Road

Orlando, FL 32812

Attention: Ms. Holli Raffington



---

Marty Edwards

Project Manager I

marty.edwards@testamericainc.com

10/30/2007

The test results in this report meet all NELAP requirements for accredited parameters and relate only to the referenced samples. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Pensacola Certifications and Approvals: Alabama (#40150), Arizona (#AZ0589), Arkansas (#88-0689), California (#2510), Florida (#E81010), Florida CQAP (#980156), Illinois (#200041), Iowa (#367), Kansas (#E10253), Kentucky UST (#0053), Louisiana (#30748), Maryland (#233), Massachusetts (#M-FL094), Michigan (#9912), New Hampshire (#250502), New Jersey (#FL006), North Carolina (#314), North Dakota (#R-108), Oklahoma (#9810), Pennsylvania (#68-467), South Carolina (#96026), Tennessee (#02907), Virginia (#00008), West Virginia (#136), USDA Foreign Soil Permit (#S-37599).

**TestAmerica Laboratories, Inc.**

TestAmerica Pensacola 3355 McLemore Drive, Pensacola, FL 32514

Tel (850) 474-1001 Fax (850) 478-2671 [www.testamericainc.com](http://www.testamericainc.com)



## METHOD SUMMARY

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix</b> <b>Solid</b>			
Mercury	TAL PEN	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL PEN		SW846 7471A

### Lab References:

TAL PEN = TestAmerica Pensacola

### Method References:

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

## METHOD / ANALYST SUMMARY

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 7471A	Cortez, Maria	MC
EPA PercentMoisture	Sartain, Terry	TS

## SAMPLE SUMMARY

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
400-25549-1	OQJ0024-01	Solid	10/02/2007 0841	10/16/2007 1020

# **SAMPLE RESULTS**



## Analytical Data

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

**Client Sample ID: OQJ0024-01**

Lab Sample ID: 400-25549-1

Client Matrix: Solid

% Moisture: 56.8

Date Sampled: 10/02/2007 0841

Date Received: 10/16/2007 1020

---

### 7471A Mercury

Method: 7471A

Preparation: 7471A

Dilution: 1.0

Date Analyzed: 10/24/2007 1247

Date Prepared: 10/23/2007 1405

Analysis Batch: 400-57826

Prep Batch: 400-57764

Instrument ID: PE FLOW

Lab File ID: N/A

Initial Weight/Volume: .6339 g

Final Weight/Volume: 25 mL

---

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	PQL
Mercury		0.027		0.0053	0.018

---

# Analytical Data

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

---

## General Chemistry

Client Sample ID: OQJ0024-01

Lab Sample ID: 400-25549-1

Date Sampled: 10/02/2007 0841

Client Matrix: Solid

Date Received: 10/16/2007 1020

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Percent Solids	43		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 400-57447	Date Analyzed	10/16/2007	0000			

# QUALITY CONTROL RESULTS

## Quality Control Results

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>Metals</b>					
<b>Prep Batch: 400-57764</b>					
LCS 400-57764/23-A	Lab Control Spike	T	Solid	7471A	
MB 400-57764/24-A	Method Blank	T	Solid	7471A	
400-25549-1	OQJ0024-01	T	Solid	7471A	
400-25676-D-12-B MS	Matrix Spike	T	Solid	7471A	
400-25676-D-12-C MSD	Matrix Spike Duplicate	T	Solid	7471A	
<b>Analysis Batch:400-57826</b>					
LCS 400-57764/23-A	Lab Control Spike	T	Solid	7471A	400-57764
MB 400-57764/24-A	Method Blank	T	Solid	7471A	400-57764
400-25549-1	OQJ0024-01	T	Solid	7471A	400-57764
400-25676-D-12-B MS	Matrix Spike	T	Solid	7471A	400-57764
400-25676-D-12-C MSD	Matrix Spike Duplicate	T	Solid	7471A	400-57764

**Report Basis**

T = Total

**General Chemistry**

<b>Analysis Batch:400-57447</b>					
400-25549-1	OQJ0024-01	T	Solid	PercentMoisture	

**Report Basis**

T = Total

## Quality Control Results

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

**Method Blank - Batch: 400-57764**

**Method: 7471A**  
**Preparation: 7471A**

Lab Sample ID: MB 400-57764/24-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/24/2007 1238  
Date Prepared: 10/23/2007 1405

Analysis Batch: 400-57826  
Prep Batch: 400-57764  
Units: mg/Kg

Instrument ID: PE FLOW INJECTION  
Lab File ID: N/A  
Initial Weight/Volume: .6000 g  
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.0024	U	0.0024	0.0083

**Lab Control Spike - Batch: 400-57764**

**Method: 7471A**  
**Preparation: 7471A**

Lab Sample ID: LCS 400-57764/23-A  
Client Matrix: Solid  
Dilution: 5.0  
Date Analyzed: 10/24/2007 1240  
Date Prepared: 10/23/2007 1405

Analysis Batch: 400-57826  
Prep Batch: 400-57764  
Units: mg/Kg

Instrument ID: PE FLOW INJECTION  
Lab File ID: N/A  
Initial Weight/Volume: .2053 g  
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.72	1.65	96	68 - 132	

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 400-57764**

**Method: 7471A**  
**Preparation: 7471A**

MS Lab Sample ID: 400-25676-D-12-B MS  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/24/2007 1323  
Date Prepared: 10/23/2007 1405

Analysis Batch: 400-57826  
Prep Batch: 400-57764

Instrument ID: PE FLOW INJECTION  
Lab File ID: N/A  
Initial Weight/Volume: .6150 g  
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 400-25676-D-12-C MSD  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/24/2007 1324  
Date Prepared: 10/23/2007 1405

Analysis Batch: 400-57826  
Prep Batch: 400-57764

Instrument ID: PE FLOW INJECTION  
Lab File ID: N/A  
Initial Weight/Volume: .6125 g  
Final Weight/Volume: 25 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	100	96	75 - 125	2	20		

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

## DATA REPORTING QUALIFIERS

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
Metals	U	Indicates that the compound was analyzed for but not detected.

SUBCONTRACT ORDER  
TestAmerica - Orlando, FL  
OQJ0024

400-25549

**SENDING LABORATORY:**


TestAmerica - Orlando, FL  
4310 East Anderson Road  
Orlando, FL 32812  
Phone: 800-851-2560  
Fax: 407-856-0886  
Project Manager: Holli Raffington  
Client: C & C PEAT CO, INC.


**RECEIVING LABORATORY:**

TestAmerica - Pensacola, FL  
3355 MCLEMORE DRIVE  
PENSACOLA, FL 32514-7045  
Phone : (850) 474-1001  
Fax: (850) 478-2671  
Project Location: Florida  
Receipt Temperature: \_\_\_\_\_ °C      Ice: Y / N

NO SAMPLER-ENTERED IN CLIENT AS THE SAMPLER.

Analysis	Units	Due	Expires	Interlab Price Surch	Comments
<b>Sample ID: OQJ0024-01</b>					
Mercury 7471A	Solid/Soil mg/kg	10/10/07	10/30/07 08:41	\$16.00 0%	report dry weight
Containers Supplied:					

Released By  10/15  
Date/Time

Received By   
Date/Time 10/16/07 10:20

0.0°C

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

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

## Login Sample Receipt Check List

Client: TestAmerica Analytical Testing Corp.

Job Number: 400-25549-1

**Login Number: 25549**

**List Source: TestAmerica Pensacola**

**Creator: Hor, Koma**

**List Number: 1**

Question	T / F / NA	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.	False	
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	0.0°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	