

4/14/2008 4:06:13PM

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

Work Order: ORC0560
Project Name: QUARTERLY - POTTING SOIL
Project Number: 1st Quarter 2008
Date Received: 03/27/08

Attn: STEPHEN COOK

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
POTTING SOIL	ORC0560-01	03/27/08 09:22

EPA 6010B, EPA 7471A analysis performed at Lab ID: E87358

Samples were received into laboratory at a temperature of 14.70 °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.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately.

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
Shali Brown For Holli Raffington
Project Manager

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Sampled: 03/27/08
Received: 03/27/08

LABORATORY REPORT
Sample ID: POTTING SOIL - Lab Number: ORC0560-01 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
NA	Moisture	56.1		%	0.100	0.100	1	03/28/08 16:10	RRP	EPA 160.3	8C28040
NA	Nitrate/Nitrite as N	1.14	U	mg/kg dry	1.14	1.14	1	04/04/08 11:21	CBS	EPA 353.2	8D04019
7723-14-0	Phosphorus	1870	MHA	mg/kg dry	711	912	80	04/01/08 10:04	CBS	EPA 365.4	8D01029
E1644079	Total Kjeldahl Nitrogen	6830	MHA,J4	mg/kg dry	459	1840	50	04/01/08 11:16	CBS	EPA 351.2	8D01027
	Total Nitrogen as N	6830		mg/kg dry	459	1840	50	04/04/08 11:21	CBS	[calc]	[CALC]
NA	% Solids	43.9		%	0.100	0.100	1	03/28/08 16:10	RRP	SW846	8C28040
NA	Total Volatile Solids	37.0		%	0.0000100	0.0000100	1	03/28/08 16:10	RRP	EPA 160.4	8C28040
Microbiology											
E761792	Fecal Coliform	< 46		MPN/g dry	5	5	1	03/29/08 14:00	MXN	SM 9221E	8C27020
								Prep Date: 03/27/08 15:25			
Organochlorine Pesticides by EPA Method 8081A											
72-54-8	4,4'-DDD	0.788	U	ug/kg dry	0.788	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
72-55-9	4,4'-DDE	0.595	U	ug/kg dry	0.595	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
50-29-3	4,4'-DDT	0.872	J3,U	ug/kg dry	0.872	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
309-00-2	Aldrin	0.422	U	ug/kg dry	0.422	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
319-84-6	alpha-BHC	0.389	U	ug/kg dry	0.389	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
5103-71-9	alpha-Chlordane	0.513	U	ug/kg dry	0.513	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
319-85-7	beta-BHC	0.508	U	ug/kg dry	0.508	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
57-74-9	Chlordane	0.122	U	ug/kg dry	0.122	38.1	1	04/02/08 15:59	SP	EPA 8081A	8C31020
319-86-8	delta-BHC	0.456	U	ug/kg dry	0.456	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
60-57-1	Dieldrin	0.573	U	ug/kg dry	0.573	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
959-98-8	Endosulfan I	0.534	J3,U	ug/kg dry	0.534	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
33213-65-9	Endosulfan II	0.690	J3,U	ug/kg dry	0.690	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
1031-07-8	Endosulfan sulfate	0.837	U	ug/kg dry	0.837	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
72-20-8	Endrin	0.758	U	ug/kg dry	0.758	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
7421-93-4	Endrin aldehyde	0.499	U	ug/kg dry	0.499	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
53494-70-5	Endrin ketone	3.16	J4,U	ug/kg dry	3.16	7.59	1	04/02/08 15:59	SP	EPA 8081A	8C31020
58-89-9	gamma-BHC (Lindane)	0.423	U	ug/kg dry	0.423	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
12789-03-6	gamma-Chlordane	0.577	U	ug/kg dry	0.577	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
76-44-8	Heptachlor	0.495	U	ug/kg dry	0.495	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
1024-57-3	Heptachlor epoxide	0.436	U	ug/kg dry	0.436	3.81	1	04/02/08 15:59	SP	EPA 8081A	8C31020
72-43-5	Methoxychlor	1.90	J4,U	ug/kg dry	1.90	38.1	1	04/02/08 15:59	SP	EPA 8081A	8C31020
8001-35-2	Toxaphene	2.90	U	ug/kg dry	2.90	43.5	1	04/02/08 15:59	SP	EPA 8081A	8C31020
Surrogate: Decachlorobiphenyl (24-126%)		92 %									
Surrogate: Tetrachloro-meta-xylene (37-119%)		74 %									
Polychlorinated Biphenyls by EPA Method 8082											
12674-11-2	PCB-1016	9.14	U	ug/kg dry	9.14	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
11104-28-2	PCB-1221	6.23	U	ug/kg dry	6.23	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
11141-16-5	PCB-1232	8.20	U	ug/kg dry	8.20	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
53469-21-9	PCB-1242	6.23	U	ug/kg dry	6.23	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
12672-29-6	PCB-1248	6.53	U	ug/kg dry	6.53	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
11097-69-1	PCB-1254	9.57	U	ug/kg dry	9.57	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018
11096-82-5	PCB-1260	8.28	U	ug/kg dry	8.28	38.1	1	04/01/08 07:41	SP	EPA 8082	8C31018

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LABORATORY REPORT
Sample ID: POTTING SOIL - Lab Number: ORC0560-01 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Polychlorinated Biphenyls by EPA Method 8082 - Cont.											
<i>Surrogate: Decachlorobiphenyl (20-160%)</i>		106 %									
<i>Surrogate: Tetrachloro-meta-xylene (36-123%)</i>		85 %									
Organophosphorus Pesticides by EPA Method 8141A											
2642-71-9	Azinphos-Ethyl	6.28	J4,U	ug/kg dry	6.28	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
86-50-0	Azinphos-methyl	7.14	J4,U	ug/kg dry	7.14	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
35400-43-2	Bolstar	7.88	U	ug/kg dry	7.88	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
786-19-6	Carbophenothion	3.84	U	ug/kg dry	3.84	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
470-90-6	Chlorfenvinphos	4.07	U	ug/kg dry	4.07	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
2921-88-2	Chlorpyrifos	5.65	U	ug/kg dry	5.65	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
56-72-4	Coumaphos	7.41	J4,U	ug/kg dry	7.41	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
298-03-3	Demeton-o	4.75	U	ug/kg dry	4.75	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
126-75-0	Demeton-s	2.53	U	ug/kg dry	2.53	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
333-41-5	Diazinon	10.5	U	ug/kg dry	10.5	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
62-73-7	Dichlorvos	24.0	U	ug/kg dry	24.0	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
60-51-5	Dimethoate	4.78	U	ug/kg dry	4.78	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
78-34-2	Dioxathion	13.8	J4,U	ug/kg dry	13.8	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
298-04-4	Disulfoton	5.42	U	ug/kg dry	5.42	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
2104-64-5	EPN	4.00	U	ug/kg dry	4.00	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
563-12-2	Ethion	6.74	U	ug/kg dry	6.74	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
13194-48-4	Ethoprop	4.95	U	ug/kg dry	4.95	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
52-85-7	Famphur	7.90	U	ug/kg dry	7.90	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
115-90-2	Fensulfothion	4.54	U	ug/kg dry	4.54	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
55-38-9	Fenthion	15.6	U	ug/kg dry	15.6	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
21609-90-5	Leptophos	4.60	J4,U	ug/kg dry	4.60	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
121-75-5	Malathion	3.83	U	ug/kg dry	3.83	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
150-50-5	Merphos	4.10	U	ug/kg dry	4.10	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
7786-34-7	Mevinphos	5.34	U	ug/kg dry	5.34	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
6923-22-4	Monocrotophos	16.5	J3,U	ug/kg dry	16.5	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
300-76-5	Naled	12.5	J4,U	ug/kg dry	12.5	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
56-38-2	Parathion-ethyl	4.51	U	ug/kg dry	4.51	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
298-00-0	Parathion-methyl	5.05	U	ug/kg dry	5.05	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
298-02-2	Phorate	4.10	U	ug/kg dry	4.10	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
732-11-6	Phosmet	4.07	J4,U	ug/kg dry	4.07	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
13171-21-6	Phosphamidon	6.88	J3,U	ug/kg dry	6.88	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
299-84-3	Ronnel	8.24	U	ug/kg dry	8.24	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
961-11-5	Stirophos	3.99	U	ug/kg dry	3.99	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
3689-24-5	Sulfotep	6.20	U	ug/kg dry	6.20	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
107-49-3	TEPP	15.8	J3,U	ug/kg dry	15.8	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
13071-79-9	Terbufos	4.62	U	ug/kg dry	4.62	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
34643-46-4	Tokuthion (Prothiofos)	4.33	U	ug/kg dry	4.33	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
327-98-0	Trichloronate	4.72	U	ug/kg dry	4.72	38.1	1	03/28/08 21:16	SP	EPA 8141A	8C28027
<i>Surrogate: Tributyl phosphate (23-141%)</i>		69 %									
<i>Surrogate: Triphenyl phosphate (10-160%)</i>		56 %									

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LABORATORY REPORT
Sample ID: POTTING SOIL - Lab Number: ORC0560-01 - Matrix: Solid/Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Chlorinated Herbicides by EPA Method 8151A											
93-76-5	2,4,5-T	3.58	U	ug/kg dry	3.58	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
93-72-1	2,4,5-TP (Silvex)	2.15	U	ug/kg dry	2.15	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
94-75-7	2,4-D	3.56	J4,U	ug/kg dry	3.56	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
94-82-6	2,4-DB	3.81	J4,U	ug/kg dry	3.81	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
51-36-5	3,5-Dichlorobenzoic acid	4.40	U	ug/kg dry	4.40	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
100-02-7	4-Nitrophenol	24.5	U	ug/kg dry	24.5	190	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
50594-66-6	Acifluorfen	144	J4	ug/kg dry	4.20	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
25057-89-0	Bentazon	1.90	J4,U	ug/kg dry	1.90	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
133-90-4	Chloramben	5.44	U	ug/kg dry	5.44	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
75-99-0	Dalapon	17.3	U	ug/kg dry	17.3	190	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
2136-79-0	DCPA diacid	1.80	J4,U	ug/kg dry	1.80	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
1918-00-9	Dicamba	3.90	U	ug/kg dry	3.90	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
120-36-5	Dichloroprop	3.10	U	ug/kg dry	3.10	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
88-85-7	Dinoseb	5.93	J4,U	ug/kg dry	5.93	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
94-74-6	MCPA	943	J4,U	ug/kg dry	943	1900	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
93-65-2	MCPPP	1350	U	ug/kg dry	1350	1900	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
87-86-5	Pentachlorophenol	1.89	U	ug/kg dry	1.89	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
1918-02-1	Picloram	3.58	U	ug/kg dry	3.58	18.9	1	04/03/08 16:44	JLS	EPA 8151A	8C31008
<i>Surrogate: DCAA (50-153%)</i>		<i>91 %</i>									
Wet Chemistry											
PH	pH	8.19		pH Units	0.100	0.100	1	03/28/08 08:29	CTG	EPA 9045	8C28016
General Chemistry Parameters											
Solids	% Dry Solids	43.9	SPS	%	0.500	0.500	1	03/28/08 16:10	MDH	SW-846	8040640
Total Metals by EPA Method 6010B											
7440-38-2	Arsenic	2.06	U	mg/kg dry	2.06	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-43-9	Cadmium	0.458	U	mg/kg dry	0.458	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-50-8	Copper	15.3		mg/kg dry	1.60	4.58	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7439-92-1	Lead	3.62		mg/kg dry	1.15	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7439-98-7	Molybdenum	1.37	U	mg/kg dry	1.37	6.87	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-02-0	Nickel	1.42	i	mg/kg dry	1.15	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-09-7	Potassium	4880		mg/kg dry	68.7	229	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7782-49-2	Selenium	8.25		mg/kg dry	2.52	4.58	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-66-6	Zinc	63.3	v	mg/kg dry	7.56	22.9	1	03/31/08 14:54	CLO	SW846 6010B	8034668
Mercury by EPA Methods 7470A/7471A											
7439-97-6	Mercury	0.0668	U	mg/kg dry	0.0668	0.223	1	04/02/08 10:48	AMB	SW846 7471A	8040046

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SAMPLE EXTRACTION DATA

Parameter	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Method
Chlorinated Herbicides by EPA Method 8151A	ORC0560-01	30.0 g	5.0 mL	03/31/2008	YGM	EPA 3550B
Organophosphorus Pesticides by EPA Method 8141A	ORC0560-01	30.0 g	1.0 mL	03/28/2008	JCC	EPA 3550B
Polychlorinated Biphenyls by EPA Method 8082	ORC0560-01	30.0 g	10.0 mL	03/31/2008	YGM	EPA 3550B
Organochlorine Pesticides by EPA Method 8081A	ORC0560-01	30.0 g	10.0 mL	03/31/2008	YGM	EPA 3550B

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PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
General Chemistry Parameters					
Moisture	0.100		%	8C28040	8C28040-BLK1
Nitrate/Nitrite as N	0.500	U	mg/kg wet	8D04019	8D04019-BLK1
Phosphorus	3.90	U	mg/kg wet	8D01029	8D01029-BLK1
Total Kjeldahl Nitrogen	4.03	U	mg/kg wet	8D01027	8D01027-BLK1
% Solids	100		%	8C28040	8C28040-BLK1
Total Volatile Solids	0.0000100	U	%	8C28040	8C28040-BLK1
Microbiology					
Fecal Coliform	2	U	MPN/g wet	8C27020	8C27020-BLK1
Organochlorine Pesticides by EPA Method 8081A					
4,4'-DDD	0.346	U	ug/kg wet	8C31020	8C31020-BLK1
4,4'-DDE	0.261	U	ug/kg wet	8C31020	8C31020-BLK1
4,4'-DDT	0.382	U	ug/kg wet	8C31020	8C31020-BLK1
Aldrin	0.185	U	ug/kg wet	8C31020	8C31020-BLK1
alpha-BHC	0.171	U	ug/kg wet	8C31020	8C31020-BLK1
alpha-Chlordane	0.225	U	ug/kg wet	8C31020	8C31020-BLK1
beta-BHC	0.223	U	ug/kg wet	8C31020	8C31020-BLK1
Chlordane	0.0533	U	ug/kg wet	8C31020	8C31020-BLK1
delta-BHC	0.200	U	ug/kg wet	8C31020	8C31020-BLK1
Dieldrin	0.251	U	ug/kg wet	8C31020	8C31020-BLK1
Endosulfan I	0.234	U	ug/kg wet	8C31020	8C31020-BLK1
Endosulfan II	0.303	U	ug/kg wet	8C31020	8C31020-BLK1
Endosulfan sulfate	0.367	U	ug/kg wet	8C31020	8C31020-BLK1
Endrin	0.332	U	ug/kg wet	8C31020	8C31020-BLK1
Endrin aldehyde	0.219	U	ug/kg wet	8C31020	8C31020-BLK1
Endrin ketone	1.39	U	ug/kg wet	8C31020	8C31020-BLK1
gamma-BHC (Lindane)	0.185	U	ug/kg wet	8C31020	8C31020-BLK1
gamma-Chlordane	0.253	U	ug/kg wet	8C31020	8C31020-BLK1
Heptachlor	0.217	U	ug/kg wet	8C31020	8C31020-BLK1
Heptachlor epoxide	0.191	U	ug/kg wet	8C31020	8C31020-BLK1
Methoxychlor	0.831	U	ug/kg wet	8C31020	8C31020-BLK1
Surrogate: Decachlorobiphenyl	32.9		ug/kg wet	8C31020	8C31020-BLK1
Surrogate: Tetrachloro-meta-xylene	29.6		ug/kg wet	8C31020	8C31020-BLK1
Polychlorinated Biphenyls by EPA Method 8082					
PCB-1016	4.01	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1221	2.73	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1232	3.60	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1242	2.73	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1248	2.86	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1254	4.20	U	ug/kg wet	8C31018	8C31018-BLK1
PCB-1260	3.63	U	ug/kg wet	8C31018	8C31018-BLK1
Surrogate: Decachlorobiphenyl	34.3		ug/kg wet	8C31018	8C31018-BLK1

Client: C & C PEAT CO, INC.
 1650 CR470
 OKAHUMPKA, FL 34762
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Work Order: ORC0560
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Sampled: 03/27/08
 Received: 03/27/08

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Polychlorinated Biphenyls by EPA Method 8082					
<i>Surrogate: Tetrachloro-meta-xylene</i>	31.3		ug/kg wet	8C31018	8C31018-BLK1
Organophosphorus Pesticides by EPA Method 8141A					
Azinphos-Ethyl	2.75	U	ug/kg wet	8C28027	8C28027-BLK1
Azinphos-methyl	3.13	U	ug/kg wet	8C28027	8C28027-BLK1
Bolstar	3.46	U	ug/kg wet	8C28027	8C28027-BLK1
Carbophenothion	1.68	U	ug/kg wet	8C28027	8C28027-BLK1
Chlorfenvinphos	1.79	U	ug/kg wet	8C28027	8C28027-BLK1
Chlorpyrifos	2.48	U	ug/kg wet	8C28027	8C28027-BLK1
Coumaphos	3.25	U	ug/kg wet	8C28027	8C28027-BLK1
Demeton-o	2.08	U	ug/kg wet	8C28027	8C28027-BLK1
Demeton-s	1.11	U	ug/kg wet	8C28027	8C28027-BLK1
Diazinon	4.58	U	ug/kg wet	8C28027	8C28027-BLK1
Dichlorvos	10.5	U	ug/kg wet	8C28027	8C28027-BLK1
Dimethoate	2.10	U	ug/kg wet	8C28027	8C28027-BLK1
Dioxathion	6.06	U	ug/kg wet	8C28027	8C28027-BLK1
Disulfoton	2.38	U	ug/kg wet	8C28027	8C28027-BLK1
EPN	1.76	U	ug/kg wet	8C28027	8C28027-BLK1
Ethion	2.95	U	ug/kg wet	8C28027	8C28027-BLK1
Ethoprop	2.17	U	ug/kg wet	8C28027	8C28027-BLK1
Famphur	3.46	U	ug/kg wet	8C28027	8C28027-BLK1
Fensulfothion	1.99	U	ug/kg wet	8C28027	8C28027-BLK1
Fenthion	6.85	U	ug/kg wet	8C28027	8C28027-BLK1
Leptophos	2.02	U	ug/kg wet	8C28027	8C28027-BLK1
Malathion	1.68	U	ug/kg wet	8C28027	8C28027-BLK1
Merphos	1.80	U	ug/kg wet	8C28027	8C28027-BLK1
Mevinphos	2.34	U	ug/kg wet	8C28027	8C28027-BLK1
Monocrotophos	7.23	U	ug/kg wet	8C28027	8C28027-BLK1
Naled	5.48	U	ug/kg wet	8C28027	8C28027-BLK1
Parathion-ethyl	1.98	U	ug/kg wet	8C28027	8C28027-BLK1
Parathion-methyl	2.22	U	ug/kg wet	8C28027	8C28027-BLK1
Phorate	1.80	U	ug/kg wet	8C28027	8C28027-BLK1
Phosmet	1.79	U	ug/kg wet	8C28027	8C28027-BLK1
Phosphamidon	3.02	U	ug/kg wet	8C28027	8C28027-BLK1
Ronnel	3.61	U	ug/kg wet	8C28027	8C28027-BLK1
Stirophos	1.75	U	ug/kg wet	8C28027	8C28027-BLK1
Sulfotep	2.72	U	ug/kg wet	8C28027	8C28027-BLK1
TEPP	6.93	U	ug/kg wet	8C28027	8C28027-BLK1
Terbufos	2.03	U	ug/kg wet	8C28027	8C28027-BLK1
Tokuthion (Prothiofos)	1.90	U	ug/kg wet	8C28027	8C28027-BLK1
Trichloronate	2.07	U	ug/kg wet	8C28027	8C28027-BLK1
<i>Surrogate: Tributyl phosphate</i>	191		ug/kg wet	8C28027	8C28027-BLK1

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PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Organophosphorus Pesticides by EPA Method 8141A					
<i>Surrogate: Triphenyl phosphate</i>	156		ug/kg wet	8C28027	8C28027-BLK1
Chlorinated Herbicides by EPA Method 8151A					
2,4,5-T	1.57	U	ug/kg wet	8C31008	8C31008-BLK1
2,4,5-TP (Silvex)	0.943	U	ug/kg wet	8C31008	8C31008-BLK1
2,4-D	1.56	U	ug/kg wet	8C31008	8C31008-BLK1
2,4-DB	1.67	U	ug/kg wet	8C31008	8C31008-BLK1
3,5-Dichlorobenzoic acid	1.93	U	ug/kg wet	8C31008	8C31008-BLK1
4-Nitrophenol	10.7	U	ug/kg wet	8C31008	8C31008-BLK1
Acifluorfen	1.84	U	ug/kg wet	8C31008	8C31008-BLK1
Bentazon	0.833	U	ug/kg wet	8C31008	8C31008-BLK1
Chloramben	2.39	U	ug/kg wet	8C31008	8C31008-BLK1
Dalapon	7.60	U	ug/kg wet	8C31008	8C31008-BLK1
DCPA diacid	0.789	U	ug/kg wet	8C31008	8C31008-BLK1
Dicamba	1.71	U	ug/kg wet	8C31008	8C31008-BLK1
Dichloroprop	1.36	U	ug/kg wet	8C31008	8C31008-BLK1
Dinoseb	2.60	U	ug/kg wet	8C31008	8C31008-BLK1
MCPA	414	U	ug/kg wet	8C31008	8C31008-BLK1
MCPP	593	U	ug/kg wet	8C31008	8C31008-BLK1
Pentachlorophenol	0.827	U	ug/kg wet	8C31008	8C31008-BLK1
Picloram	1.57	U	ug/kg wet	8C31008	8C31008-BLK1
<i>Surrogate: DCAA</i>	141		ug/kg wet	8C31008	8C31008-BLK1
Wet Chemistry					
pH	3.87		pH Units	8C28016	8C28016-BLK1
Total Metals by EPA Method 6010B					
Arsenic	0.900	U	mg/kg wet	8034668	8034668-BLK1
Cadmium	0.200	U	mg/kg wet	8034668	8034668-BLK1
Copper	0.700	U	mg/kg wet	8034668	8034668-BLK1
Lead	0.500	U	mg/kg wet	8034668	8034668-BLK1
Molybdenum	0.600	U	mg/kg wet	8034668	8034668-BLK1
Nickel	0.500	U	mg/kg wet	8034668	8034668-BLK1
Potassium	30.0	U	mg/kg wet	8034668	8034668-BLK1
Selenium	1.10	U	mg/kg wet	8034668	8034668-BLK1
Zinc	4.20	V,I	mg/kg wet	8034668	8034668-BLK1
Mercury by EPA Methods 7470A/7471A					
Mercury	0.0300	U	mg/kg wet	8040046	8040046-BLK1

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PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters								
Moisture	56.1	56.5		%	0.6	15.9	8C28040	ORC0560-01
% Solids	43.9	43.5		%	0.8	20	8C28040	ORC0560-01
Total Volatile Solids	37.0	34.2		%	8	20	8C28040	ORC0560-01
Organochlorine Pesticides by EPA Method 8081A								
4,4'-DDD	293	246		ug/kg wet	17	20	8C31020	ORC0482-01
4,4'-DDE	257	264		ug/kg wet	3	20	8C31020	ORC0482-01
4,4'-DDT	102	116		ug/kg wet	12	20	8C31020	ORC0482-01
Aldrin	176	180		ug/kg wet	2	20	8C31020	ORC0482-01
alpha-BHC	99.4	99.6		ug/kg wet	0.1	20	8C31020	ORC0482-01
alpha-Chlordane	159	166		ug/kg wet	4	20	8C31020	ORC0482-01
beta-BHC	238	244		ug/kg wet	2	20	8C31020	ORC0482-01
Chlordane	<0.0533	0.0533	U	ug/kg wet		20	8C31020	ORC0482-01
delta-BHC	166	166		ug/kg wet	0.06	20	8C31020	ORC0482-01
Dieldrin	216	227		ug/kg wet	5	20	8C31020	ORC0482-01
Endosulfan I	77.4	66.0		ug/kg wet	16	20	8C31020	ORC0482-01
Endosulfan II	62.9	56.3		ug/kg wet	11	20	8C31020	ORC0482-01
Endosulfan sulfate	243	283		ug/kg wet	15	20	8C31020	ORC0482-01
Endrin	105	109		ug/kg wet	4	20	8C31020	ORC0482-01
Endrin aldehyde	113	127		ug/kg wet	11	20	8C31020	ORC0482-01
Endrin ketone	204	230		ug/kg wet	12	20	8C31020	ORC0482-01
gamma-BHC (Lindane)	166	166		ug/kg wet	0.04	20	8C31020	ORC0482-01
gamma-Chlordane	266	277		ug/kg wet	4	20	8C31020	ORC0482-01
Heptachlor	193	203		ug/kg wet	5	20	8C31020	ORC0482-01
Heptachlor epoxide	50.9	52.1		ug/kg wet	2	20	8C31020	ORC0482-01
Methoxychlor	100	118		ug/kg wet	16	20	8C31020	ORC0482-01
Surrogate: Decachlorobiphenyl		32.1		ug/kg wet			8C31020	ORC0482-01
Surrogate: Tetrachloro-meta-xylene		28.3		ug/kg wet			8C31020	ORC0482-01
Wet Chemistry								
pH	8.19	8.20		pH Units	0.07	6.8	8C28016	ORC0560-01

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
General Chemistry Parameters							
Moisture		975		%		90 - 110	8C28040
Nitrate/Nitrite as N	25.0	26.5		mg/kg wet	106	90 - 110	8D04019
Phosphorus	100	90.0		mg/kg wet	90	90 - 110	8D01029
Total Kjeldahl Nitrogen	100	95.1		mg/kg wet	95	90 - 110	8D01027
% Solids	1000	975		%	98	90 - 110	8C28040
Total Volatile Solids	0.100	0.0970		%	97	90 - 110	8C28040
Organochlorine Pesticides by EPA Method 8081A							
4,4'-DDD	33.3	26.0		ug/kg wet	78	76 - 121	8C31020
4,4'-DDE	33.3	31.4		ug/kg wet	94	75 - 120	8C31020
4,4'-DDT	33.3	22.3	J3	ug/kg wet	67	68 - 127	8C31020
Aldrin	33.3	27.6		ug/kg wet	83	68 - 116	8C31020
alpha-BHC	33.3	28.0		ug/kg wet	84	74 - 117	8C31020
alpha-Chlordane	33.3	30.9		ug/kg wet	93	68 - 114	8C31020
beta-BHC	33.3	31.9		ug/kg wet	96	70 - 123	8C31020
Chlordane		0.0533		ug/kg wet		50 - 130	8C31020
delta-BHC	33.3	31.5		ug/kg wet	94	53 - 104	8C31020
Dieldrin	33.3	32.2		ug/kg wet	97	68 - 130	8C31020
Endosulfan I	33.3	18.5	J3	ug/kg wet	56	68 - 119	8C31020
Endosulfan II	33.3	21.0	J3	ug/kg wet	63	68 - 121	8C31020
Endosulfan sulfate	33.3	31.9		ug/kg wet	96	62 - 123	8C31020
Endrin	33.3	31.7		ug/kg wet	95	64 - 133	8C31020
Endrin aldehyde	33.3	29.3		ug/kg wet	88	55 - 104	8C31020
Endrin ketone	33.3	28.7		ug/kg wet	86	66 - 122	8C31020
gamma-BHC (Lindane)	33.3	31.3		ug/kg wet	94	69 - 125	8C31020
gamma-Chlordane	33.3	31.1		ug/kg wet	93	71 - 124	8C31020
Heptachlor	33.3	29.8		ug/kg wet	90	70 - 130	8C31020
Heptachlor epoxide	33.3	31.7		ug/kg wet	95	68 - 119	8C31020
Methoxychlor	33.3	29.6		ug/kg wet	89	42 - 150	8C31020
Surrogate: Decachlorobiphenyl	33.3	32.9		ug/kg wet	99	24 - 126	8C31020
Surrogate: Tetrachloro-meta-xylene	33.3	29.2		ug/kg wet	88	37 - 119	8C31020
Polychlorinated Biphenyls by EPA Method 8082							
PCB-1016	333	317		ug/kg wet	95	78 - 120	8C31018
PCB-1221		2.73		ug/kg wet		50 - 130	8C31018
PCB-1232		3.60		ug/kg wet		50 - 130	8C31018
PCB-1242		2.73		ug/kg wet		50 - 130	8C31018
PCB-1248		2.86		ug/kg wet		50 - 130	8C31018
PCB-1254		4.20		ug/kg wet		50 - 130	8C31018
PCB-1260	333	333		ug/kg wet	100	75 - 126	8C31018
Surrogate: Decachlorobiphenyl	33.3	35.3		ug/kg wet	106	20 - 160	8C31018

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PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Polychlorinated Biphenyls by EPA Method 8082							
<i>Surrogate: Tetrachloro-meta-xylene</i>	33.3	31.3		ug/kg wet	94	36 - 123	8C31018
Organophosphorus Pesticides by EPA Method 8141A							
Azinphos-Ethyl	167	172		ug/kg wet	103	53 - 159	8C28027
Azinphos-methyl	167	170		ug/kg wet	102	51 - 145	8C28027
Bolstar	167	156		ug/kg wet	94	59 - 128	8C28027
Carbophenothion	167	155		ug/kg wet	93	55 - 149	8C28027
Chlorfenvinphos	167	168		ug/kg wet	101	52 - 134	8C28027
Chlorpyrifos	167	157		ug/kg wet	94	38 - 112	8C28027
Coumaphos	167	175		ug/kg wet	105	55 - 154	8C28027
Demeton-o	116	111		ug/kg wet	95	35 - 158	8C28027
Demeton-s	50.3	11.1		ug/kg wet	22	10 - 162	8C28027
Diazinon	167	147		ug/kg wet	88	38 - 135	8C28027
Dichlorvos	167	172		ug/kg wet	103	38 - 126	8C28027
Dimethoate	167	168		ug/kg wet	101	50 - 136	8C28027
Dioxathion	167	48.6		ug/kg wet	29	26 - 140	8C28027
Disulfoton	167	140		ug/kg wet	84	36 - 119	8C28027
EPN	167	161		ug/kg wet	97	42 - 145	8C28027
Ethion	167	135		ug/kg wet	81	54 - 128	8C28027
Ethoprop	167	156		ug/kg wet	94	52 - 129	8C28027
Famphur	167	171		ug/kg wet	102	37 - 161	8C28027
Fensulfothion	167	169		ug/kg wet	101	36 - 138	8C28027
Fenthion	167	153		ug/kg wet	92	52 - 129	8C28027
Leptophos	167	170		ug/kg wet	102	46 - 156	8C28027
Malathion	167	144		ug/kg wet	86	53 - 131	8C28027
Merphos	167	165		ug/kg wet	99	70 - 226	8C28027
Mevinphos	167	88.4		ug/kg wet	53	38 - 110	8C28027
Monocrotophos	167	214	J3	ug/kg wet	128	43 - 123	8C28027
Naled	167	146		ug/kg wet	87	10 - 138	8C28027
Parathion-ethyl		153		ug/kg wet		42 - 132	8C28027
Parathion-methyl	167	161		ug/kg wet	97	38 - 149	8C28027
Phorate	167	129		ug/kg wet	78	40 - 126	8C28027
Phosmet	167	179		ug/kg wet	107	59 - 145	8C28027
Phosphamidon	167	252	J3	ug/kg wet	151	39 - 139	8C28027
Ronnel	167	156		ug/kg wet	94	47 - 137	8C28027
Stirophos	167	166		ug/kg wet	99	44 - 150	8C28027
Sulfotep	167	139		ug/kg wet	83	45 - 119	8C28027
TEPP	167	168	J3	ug/kg wet	101	10 - 93	8C28027
Terbufos	167	149		ug/kg wet	90	42 - 134	8C28027
Tokuthion (Prothiofos)	167	152		ug/kg wet	91	56 - 132	8C28027

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LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Organophosphorus Pesticides by EPA Method 8141A							
Trichloronate	167	153		ug/kg wet	92	54 - 128	8C28027
Surrogate: Tributyl phosphate	167	169		ug/kg wet	102	23 - 141	8C28027
Surrogate: Triphenyl phosphate	167	161		ug/kg wet	96	10 - 160	8C28027
Chlorinated Herbicides by EPA Method 8151A							
2,4,5-T	33.3	42.2		ug/kg wet	126	54 - 148	8C31008
2,4,5-TP (Silvex)	33.3	40.1		ug/kg wet	120	32 - 148	8C31008
2,4-D	33.3	45.5		ug/kg wet	137	26 - 145	8C31008
2,4-DB	33.3	44.6		ug/kg wet	134	46 - 147	8C31008
3,5-Dichlorobenzoic acid	33.3	42.6		ug/kg wet	128	35 - 157	8C31008
4-Nitrophenol	167	69.6		ug/kg wet	42	10 - 132	8C31008
Acifluorfen	33.3	44.2		ug/kg wet	133	10 - 151	8C31008
Bentazon	33.3	32.2		ug/kg wet	97	33 - 138	8C31008
Chloramben	33.3	14.0		ug/kg wet	42	27 - 139	8C31008
Dalapon	167	211		ug/kg wet	127	29 - 142	8C31008
DCPA diacid		6.28		ug/kg wet		39 - 110	8C31008
Dicamba	33.3	37.0		ug/kg wet	111	32 - 144	8C31008
Dichloroprop	33.3	51.0		ug/kg wet	153	54 - 160	8C31008
Dinoseb	33.3	39.4		ug/kg wet	118	10 - 131	8C31008
MCPA	3330	3500		ug/kg wet	105	20 - 162	8C31008
MCPP	3330	3600		ug/kg wet	108	19 - 148	8C31008
Pentachlorophenol	33.3	33.2		ug/kg wet	100	42 - 129	8C31008
Picloram	33.3	41.5		ug/kg wet	124	44 - 138	8C31008
Surrogate: DCAA	167	190		ug/kg wet	114	50 - 153	8C31008
Wet Chemistry							
pH	6.00	5.97		pH Units	100	95 - 105	8C28016
Total Metals by EPA Method 6010B							
Arsenic	20.0	18.2		mg/kg wet	91	80 - 120	8034668
Cadmium	20.0	19.7		mg/kg wet	99	80 - 120	8034668
Copper	50.0	48.6		mg/kg wet	97	80 - 120	8034668
Lead	100	93.6		mg/kg wet	94	80 - 120	8034668
Molybdenum	100	95.0		mg/kg wet	95	80 - 120	8034668
Nickel	100	99.8		mg/kg wet	100	80 - 120	8034668
Potassium	1000	905		mg/kg wet	90	80 - 120	8034668
Selenium	20.0	19.0		mg/kg wet	95	80 - 120	8034668
Zinc	100	96.6		mg/kg wet	97	80 - 120	8034668
Mercury by EPA Methods 7470A/7471A							
Mercury	0.167	0.172		mg/kg wet	103	78 - 120	8040046

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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
General Chemistry Parameters									
Nitrate/Nitrite as N	<1.14	59.8		mg/kg dry	57.0	105	90 - 110	8D04019	ORC0560-01
Phosphorus	1870	1570	MHA	mg/kg dry	228	-128	90 - 110	8D01029	ORC0560-01
Total Kjeldahl Nitrogen	6830	7800	MHA	mg/kg dry	228	426	90 - 110	8D01027	ORC0560-01
Organochlorine Pesticides by EPA Method 8081A									
4,4'-DDD	<0.788	50.8		ug/kg dry	76.0	67	39 - 140	8C31020	ORC0560-01
4,4'-DDE	<0.595	48.0		ug/kg dry	76.0	63	52 - 124	8C31020	ORC0560-01
4,4'-DDT	<0.872	65.4		ug/kg dry	76.0	86	44 - 144	8C31020	ORC0560-01
Aldrin	<0.422	48.1		ug/kg dry	76.0	63	38 - 117	8C31020	ORC0560-01
alpha-BHC	<0.389	55.3		ug/kg dry	76.0	73	19 - 135	8C31020	ORC0560-01
alpha-Chlordane	<0.513	47.8		ug/kg dry	76.0	63	37 - 127	8C31020	ORC0560-01
beta-BHC	<0.508	42.0		ug/kg dry	76.0	55	36 - 125	8C31020	ORC0560-01
delta-BHC	<0.456	53.8		ug/kg dry	76.0	71	21 - 136	8C31020	ORC0560-01
Dieldrin	<0.573	49.7		ug/kg dry	76.0	65	38 - 137	8C31020	ORC0560-01
Endosulfan I	<0.534	39.1		ug/kg dry	76.0	52	42 - 126	8C31020	ORC0560-01
Endosulfan II	<0.690	36.9		ug/kg dry	76.0	49	37 - 135	8C31020	ORC0560-01
Endosulfan sulfate	<0.837	72.0		ug/kg dry	76.0	95	22 - 134	8C31020	ORC0560-01
Endrin	<0.758	52.8		ug/kg dry	76.0	70	48 - 134	8C31020	ORC0560-01
Endrin aldehyde	<0.499	61.9		ug/kg dry	76.0	81	10 - 126	8C31020	ORC0560-01
Endrin ketone	<3.16	81.4		ug/kg dry	76.0	107	44 - 127	8C31020	ORC0560-01
gamma-BHC (Lindane)	<0.423	57.2		ug/kg dry	76.0	75	21 - 136	8C31020	ORC0560-01
gamma-Chlordane	<0.577	47.0		ug/kg dry	76.0	62	39 - 121	8C31020	ORC0560-01
Heptachlor	<0.495	42.3		ug/kg dry	76.0	56	23 - 134	8C31020	ORC0560-01
Heptachlor epoxide	<0.436	47.2		ug/kg dry	76.0	62	38 - 131	8C31020	ORC0560-01
Methoxychlor	<1.90	92.0		ug/kg dry	76.0	121	42 - 150	8C31020	ORC0560-01
Surrogate: Decachlorobiphenyl		74.6		ug/kg dry	76.0	98	24 - 126	8C31020	ORC0560-01
Surrogate: Tetrachloro-meta-xylene		44.2		ug/kg dry	76.0	58	37 - 119	8C31020	ORC0560-01
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<9.14	603		ug/kg dry	760	79	43 - 147	8C31018	ORC0560-01
PCB-1260	<8.28	696		ug/kg dry	760	92	39 - 142	8C31018	ORC0560-01
Surrogate: Decachlorobiphenyl		81.3		ug/kg dry	76.0	107	20 - 160	8C31018	ORC0560-01
Surrogate: Tetrachloro-meta-xylene		60.8		ug/kg dry	76.0	80	36 - 123	8C31018	ORC0560-01
Organophosphorus Pesticides by EPA Method 8141A									
Azinphos-Ethyl	<6.28	223		ug/kg dry	380	59	28 - 185	8C28027	ORC0560-01
Azinphos-methyl	<7.14	185		ug/kg dry	380	49	30 - 178	8C28027	ORC0560-01
Bolstar	<7.88	299		ug/kg dry	380	79	27 - 170	8C28027	ORC0560-01
Carbophenothion	<3.84	287		ug/kg dry	380	76	42 - 154	8C28027	ORC0560-01
Chlorfenvinphos	<4.07	322		ug/kg dry	380	85	25 - 150	8C28027	ORC0560-01
Chlorpyrifos	<5.65	327		ug/kg dry	380	86	48 - 125	8C28027	ORC0560-01
Coumaphos	<7.41	227		ug/kg dry	380	60	44 - 180	8C28027	ORC0560-01
Demeton-o	<4.75	245		ug/kg dry	265	92	35 - 158	8C28027	ORC0560-01

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

Work Order: ORC0560
 Project: QUARTERLY - POTTING SOIL
 Project Number: 1st Quarter 2008

Sampled: 03/27/08
 Received: 03/27/08

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Organophosphorus Pesticides by EPA Method 8141A									
Demeton-s	<2.53	46.7		ug/kg dry	115	41	10 - 162	8C28027	ORC0560-01
Diazinon	<10.5	373		ug/kg dry	380	98	36 - 145	8C28027	ORC0560-01
Dichlorvos	<24.0	425		ug/kg dry	380	112	38 - 126	8C28027	ORC0560-01
Dimethoate	<4.78	237		ug/kg dry	380	62	20 - 153	8C28027	ORC0560-01
Dioxathion	<13.8	93.0	J4	ug/kg dry	380	24	26 - 140	8C28027	ORC0560-01
Disulfoton	<5.42	327		ug/kg dry	380	86	36 - 119	8C28027	ORC0560-01
EPN	<4.00	251		ug/kg dry	380	66	21 - 163	8C28027	ORC0560-01
Ethion	<6.74	272		ug/kg dry	380	72	47 - 148	8C28027	ORC0560-01
Ethoprop	<4.95	328		ug/kg dry	380	86	39 - 126	8C28027	ORC0560-01
Famphur	<7.90	249		ug/kg dry	380	66	37 - 161	8C28027	ORC0560-01
Fensulfothion	<4.54	231		ug/kg dry	380	61	10 - 141	8C28027	ORC0560-01
Fenthion	<15.6	318		ug/kg dry	380	84	35 - 154	8C28027	ORC0560-01
Leptophos	<4.60	228		ug/kg dry	380	60	27 - 176	8C28027	ORC0560-01
Malathion	<3.83	290		ug/kg dry	380	76	50 - 130	8C28027	ORC0560-01
Merphos	<4.10	322		ug/kg dry	380	85	42 - 235	8C28027	ORC0560-01
Mevinphos	<5.34	188		ug/kg dry	380	50	10 - 107	8C28027	ORC0560-01
Monocrotophos	<16.5	64.8	J3	ug/kg dry	380	17	10 - 150	8C28027	ORC0560-01
Naled	<12.5	193		ug/kg dry	380	51	10 - 162	8C28027	ORC0560-01
Parathion-ethyl	<4.51	305		ug/kg dry			43 - 141	8C28027	ORC0560-01
Parathion-methyl	<5.05	319		ug/kg dry	380	84	24 - 156	8C28027	ORC0560-01
Phorate	<4.10	308		ug/kg dry	380	81	39 - 132	8C28027	ORC0560-01
Phosmet	<4.07	234		ug/kg dry	380	62	39 - 173	8C28027	ORC0560-01
Phosphamidon	<6.88	44.8	J3	ug/kg dry	380	12	19 - 143	8C28027	ORC0560-01
Ronnel	<8.24	316		ug/kg dry	380	83	27 - 155	8C28027	ORC0560-01
Stirophos	<3.99	272		ug/kg dry	380	72	36 - 156	8C28027	ORC0560-01
Sulfotep	<6.20	298		ug/kg dry	380	78	41 - 122	8C28027	ORC0560-01
TEPP	<15.8	208	J3	ug/kg dry	380	55	10 - 127	8C28027	ORC0560-01
Terbufos	<4.62	323		ug/kg dry	380	85	42 - 134	8C28027	ORC0560-01
Tokuthion (Prothiofos)	<4.33	307		ug/kg dry	380	81	40 - 152	8C28027	ORC0560-01
Trichloronate	<4.72	322		ug/kg dry	380	85	41 - 144	8C28027	ORC0560-01
Surrogate: Tributyl phosphate		329		ug/kg dry	380	87	23 - 141	8C28027	ORC0560-01
Surrogate: Triphenyl phosphate		253		ug/kg dry	380	67	10 - 160	8C28027	ORC0560-01
Chlorinated Herbicides by EPA Method 8151A									
2,4,5-T	<3.58	80.6		ug/kg dry	76.0	106	54 - 148	8C31008	ORC0560-01
2,4,5-TP (Silvex)	<2.15	85.1		ug/kg dry	76.0	112	32 - 148	8C31008	ORC0560-01
2,4-D	<3.56	173	J4	ug/kg dry	76.0	228	26 - 145	8C31008	ORC0560-01
2,4-DB	<3.81	94.0		ug/kg dry	76.0	124	46 - 147	8C31008	ORC0560-01
3,5-Dichlorobenzoic acid	<4.40	84.8		ug/kg dry	76.0	112	35 - 157	8C31008	ORC0560-01
4-Nitrophenol	<24.5	126		ug/kg dry	380	33	10 - 132	8C31008	ORC0560-01

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

Work Order: ORC0560
 Project: QUARTERLY - POTTING SOIL
 Project Number: 1st Quarter 2008

Sampled: 03/27/08
 Received: 03/27/08

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Chlorinated Herbicides by EPA Method 8151A									
Acifluorfen	144	155		ug/kg dry	76.0	14	10 - 151	8C31008	ORC0560-01
Bentazon	<1.90	498	J4	ug/kg dry	76.0	655	33 - 138	8C31008	ORC0560-01
Chloramben	<5.44	76.4		ug/kg dry	76.0	100	27 - 139	8C31008	ORC0560-01
Dalapon	<17.3	322		ug/kg dry	380	85	10 - 103	8C31008	ORC0560-01
DCPA diacid	<1.80	15.9		ug/kg dry			39 - 110	8C31008	ORC0560-01
Dicamba	<3.90	62.5		ug/kg dry	76.0	82	32 - 144	8C31008	ORC0560-01
Dichloroprop	<3.10	71.7		ug/kg dry	76.0	94	54 - 160	8C31008	ORC0560-01
Dinoseb	<5.93	17.1		ug/kg dry	76.0	22	10 - 131	8C31008	ORC0560-01
MCPA	<943	7180		ug/kg dry	7600	95	20 - 162	8C31008	ORC0560-01
MCPP	<1350	10100		ug/kg dry	7600	133	19 - 148	8C31008	ORC0560-01
Pentachlorophenol	<1.89	62.6		ug/kg dry	76.0	82	42 - 129	8C31008	ORC0560-01
Picloram	<3.58	77.0		ug/kg dry	76.0	101	44 - 138	8C31008	ORC0560-01
Surrogate: DCAA		339		ug/kg dry	380	89	50 - 153	8C31008	ORC0560-01
Total Metals by EPA Method 6010B									
Arsenic	<0.886	18.2		mg/kg wet	19.7	92	75 - 125	8034668	NRC2594-01
Cadmium	<0.197	18.9		mg/kg wet	19.7	96	75 - 125	8034668	NRC2594-01
Copper	6.88	56.3		mg/kg wet	49.2	100	75 - 125	8034668	NRC2594-01
Lead	5.32	98.8		mg/kg wet	98.4	95	75 - 125	8034668	NRC2594-01
Molybdenum	1.15	98.2		mg/kg wet	98.4	99	75 - 125	8034668	NRC2594-01
Nickel	24.1	115		mg/kg wet	98.4	93	75 - 125	8034668	NRC2594-01
Selenium	<1.08	17.6		mg/kg wet	19.7	90	75 - 125	8034668	NRC2594-01
Zinc	37.4	130		mg/kg wet	98.4	94	75 - 125	8034668	NRC2594-01
Mercury by EPA Methods 7470A/7471A									
Mercury	<0.0291	0.191		mg/kg wet	0.162	118	60 - 149	8040046	NRC2594-01

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 1650 CR470
 OKAHUMPKA, FL 34762
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Work Order: ORC0560
 Project: QUARTERLY - POTTING SOIL
 Project Number: 1st Quarter 2008

Sampled: 03/27/08
 Received: 03/27/08

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
General Chemistry Parameters										
Nitrate/Nitrite as N	<1.14	57.6		mg/kg dry	57.0	101	4	20	8D04019	ORC0560-01
Phosphorus	1870	1830	MHA	mg/kg dry	228	-16	15	20	8D01029	ORC0560-01
Total Kjeldahl Nitrogen	6830	5920	MHA,J4	mg/kg dry	228	-396	27	20	8D01027	ORC0560-01
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	<0.788	51.0		ug/kg dry	76.0	67	0.3	20	8C31020	ORC0560-01
4,4'-DDE	<0.595	48.6		ug/kg dry	76.0	64	1	20	8C31020	ORC0560-01
4,4'-DDT	<0.872	66.6		ug/kg dry	76.0	88	2	20	8C31020	ORC0560-01
Aldrin	<0.422	48.8		ug/kg dry	76.0	64	1	20	8C31020	ORC0560-01
alpha-BHC	<0.389	56.3		ug/kg dry	76.0	74	2	20	8C31020	ORC0560-01
alpha-Chlordane	<0.513	49.1		ug/kg dry	76.0	65	3	20	8C31020	ORC0560-01
beta-BHC	<0.508	42.8		ug/kg dry	76.0	56	2	20	8C31020	ORC0560-01
delta-BHC	<0.456	54.9		ug/kg dry	76.0	72	2	20	8C31020	ORC0560-01
Dieldrin	<0.573	50.5		ug/kg dry	76.0	66	2	20	8C31020	ORC0560-01
Endosulfan I	<0.534	40.5		ug/kg dry	76.0	53	3	20	8C31020	ORC0560-01
Endosulfan II	<0.690	37.4		ug/kg dry	76.0	49	1	20	8C31020	ORC0560-01
Endosulfan sulfate	<0.837	73.9		ug/kg dry	76.0	97	3	20	8C31020	ORC0560-01
Endrin	<0.758	54.1		ug/kg dry	76.0	71	2	20	8C31020	ORC0560-01
Endrin aldehyde	<0.499	61.2		ug/kg dry	76.0	80	1	20	8C31020	ORC0560-01
Endrin ketone	<3.16	100	J4	ug/kg dry	76.0	132	21	20	8C31020	ORC0560-01
gamma-BHC (Lindane)	<0.423	58.1		ug/kg dry	76.0	76	2	20	8C31020	ORC0560-01
gamma-Chlordane	<0.577	47.3		ug/kg dry	76.0	62	0.8	20	8C31020	ORC0560-01
Heptachlor	<0.495	43.7		ug/kg dry	76.0	58	3	20	8C31020	ORC0560-01
Heptachlor epoxide	<0.436	48.0		ug/kg dry	76.0	63	2	20	8C31020	ORC0560-01
Methoxychlor	<1.90	118	J4	ug/kg dry	76.0	155	25	20	8C31020	ORC0560-01
Surrogate: Decachlorobiphenyl		73.6		ug/kg dry	76.0	97			8C31020	ORC0560-01
Surrogate: Tetrachloro-meta-xylene		44.7		ug/kg dry	76.0	59			8C31020	ORC0560-01
Polychlorinated Biphenyls by EPA Method 8082										
PCB-1016	<9.14	639		ug/kg dry	760	84	6	23	8C31018	ORC0560-01
PCB-1260	<8.28	712		ug/kg dry	760	94	2	25	8C31018	ORC0560-01
Surrogate: Decachlorobiphenyl		82.1		ug/kg dry	76.0	108			8C31018	ORC0560-01
Surrogate: Tetrachloro-meta-xylene		65.4		ug/kg dry	76.0	86			8C31018	ORC0560-01
Organophosphorus Pesticides by EPA Method 8141A										
Azinphos-Ethyl	<6.28	162	J4	ug/kg dry	380	43	32	20	8C28027	ORC0560-01
Azinphos-methyl	<7.14	122	J4	ug/kg dry	380	32	41	20	8C28027	ORC0560-01
Bolstar	<7.88	278		ug/kg dry	380	73	7	20	8C28027	ORC0560-01
Carbophenothion	<3.84	257		ug/kg dry	380	68	11	20	8C28027	ORC0560-01
Chlorfenvinphos	<4.07	310		ug/kg dry	380	82	4	20	8C28027	ORC0560-01
Chlorpyrifos	<5.65	317		ug/kg dry	380	84	3	20	8C28027	ORC0560-01
Coumaphos	<7.41	161	J4	ug/kg dry	380	42	34	20	8C28027	ORC0560-01

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

Work Order: ORC0560
Project: QUARTERLY - POTTING SOIL
Project Number: 1st Quarter 2008

Sampled: 03/27/08
Received: 03/27/08

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Organophosphorus Pesticides by EPA Method 8141A										
Demeton-o	<4.75	239		ug/kg dry	265	90	3	20	8C28027	ORC0560-01
Demeton-s	<2.53	39.8		ug/kg dry	115	35	16	20	8C28027	ORC0560-01
Diazinon	<10.5	357		ug/kg dry	380	94	4	20	8C28027	ORC0560-01
Dichlorvos	<24.0	457		ug/kg dry	380	120	7	20	8C28027	ORC0560-01
Dimethoate	<4.78	224		ug/kg dry	380	59	6	20	8C28027	ORC0560-01
Dioxathion	<13.8	85.6	J4	ug/kg dry	380	23	8	20	8C28027	ORC0560-01
Disulfoton	<5.42	317		ug/kg dry	380	83	3	20	8C28027	ORC0560-01
EPN	<4.00	205		ug/kg dry	380	54	20	20	8C28027	ORC0560-01
Ethion	<6.74	254		ug/kg dry	380	67	7	20	8C28027	ORC0560-01
Ethoprop	<4.95	316		ug/kg dry	380	83	4	20	8C28027	ORC0560-01
Famphur	<7.90	191		ug/kg dry	380	50	27	60	8C28027	ORC0560-01
Fensulfothion	<4.54	192		ug/kg dry	380	50	19	20	8C28027	ORC0560-01
Fenthion	<15.6	317		ug/kg dry	380	83	0.2	20	8C28027	ORC0560-01
Leptophos	<4.60	168	J4	ug/kg dry	380	44	31	20	8C28027	ORC0560-01
Malathion	<3.83	284		ug/kg dry	380	75	2	20	8C28027	ORC0560-01
Merphos	<4.10	297		ug/kg dry	380	78	8	20	8C28027	ORC0560-01
Mevinphos	<5.34	182		ug/kg dry	380	48	3	20	8C28027	ORC0560-01
Monocrotophos	<16.5	16.5	J3,	ug/kg dry	380			20	8C28027	ORC0560-01
Naled	<12.5	115	J4	ug/kg dry	380	30	50	20	8C28027	ORC0560-01
Parathion-ethyl	<4.51	301		ug/kg dry			1	20	8C28027	ORC0560-01
Parathion-methyl	<5.05	303		ug/kg dry	380	80	5	20	8C28027	ORC0560-01
Phorate	<4.10	294		ug/kg dry	380	77	4	20	8C28027	ORC0560-01
Phosmet	<4.07	183	J4	ug/kg dry	380	48	24	20	8C28027	ORC0560-01
Phosphamidon	<6.88	304	J3	ug/kg dry	380	80	149	20	8C28027	ORC0560-01
Ronnel	<8.24	298		ug/kg dry	380	78	6	20	8C28027	ORC0560-01
Stirophos	<3.99	233		ug/kg dry	380	61	15	20	8C28027	ORC0560-01
Sulfotep	<6.20	281		ug/kg dry	380	74	6	20	8C28027	ORC0560-01
TEPP	<15.8	168	J3	ug/kg dry	380	44	21	20	8C28027	ORC0560-01
Terbufos	<4.62	310		ug/kg dry	380	82	4	20	8C28027	ORC0560-01
Tokuthion (Prothiofos)	<4.33	283		ug/kg dry	380	74	8	20	8C28027	ORC0560-01
Trichloronate	<4.72	310		ug/kg dry	380	82	4	20	8C28027	ORC0560-01
Surrogate: Tributyl phosphate		328		ug/kg dry	380	86			8C28027	ORC0560-01
Surrogate: Triphenyl phosphate		227		ug/kg dry	380	60			8C28027	ORC0560-01
Chlorinated Herbicides by EPA Method 8151A										
2,4,5-T	<3.58	76.4		ug/kg dry	76.0	101	5	20	8C31008	ORC0560-01
2,4,5-TP (Silvex)	<2.15	76.8		ug/kg dry	76.0	101	10	20	8C31008	ORC0560-01
2,4-D	<3.56	183	J4	ug/kg dry	76.0	240	5	10	8C31008	ORC0560-01
2,4-DB	<3.81	175	J4	ug/kg dry	76.0	230	60	16	8C31008	ORC0560-01
3,5-Dichlorobenzoic acid	<4.40	103		ug/kg dry	76.0	136	20	53	8C31008	ORC0560-01

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

Work Order: ORC0560
 Project: QUARTERLY - POTTING SOIL
 Project Number: 1st Quarter 2008

Sampled: 03/27/08
 Received: 03/27/08

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Chlorinated Herbicides by EPA Method 8151A										
4-Nitrophenol	<24.5	199		ug/kg dry	380	52	45	60	8C31008	ORC0560-01
Acifluorfen	144	127	J4	ug/kg dry	76.0	-23	20	53	8C31008	ORC0560-01
Bentazon	<1.90	215	J4	ug/kg dry	76.0	283	79	53	8C31008	ORC0560-01
Chloramben	<5.44	62.6		ug/kg dry	76.0	82	20	20	8C31008	ORC0560-01
Dalapon	<17.3	301		ug/kg dry	380	79	7	18	8C31008	ORC0560-01
DCPA diacid	<1.80	31.2	J4	ug/kg dry			65	20	8C31008	ORC0560-01
Dicamba	<3.90	63.0		ug/kg dry	76.0	83	0.8	18	8C31008	ORC0560-01
Dichloroprop	<3.10	62.3		ug/kg dry	76.0	82	14	14	8C31008	ORC0560-01
Dinoseb	<5.93	25.2	J4	ug/kg dry	76.0	33	38	14	8C31008	ORC0560-01
MCPA	<943	20600	J4	ug/kg dry	7600	272	97	14	8C31008	ORC0560-01
MCPPP	<1350	10300		ug/kg dry	7600	135	2	14	8C31008	ORC0560-01
Pentachlorophenol	<1.89	64.0		ug/kg dry	76.0	84	2	50	8C31008	ORC0560-01
Picloram	<3.58	82.3		ug/kg dry	76.0	108	7	20	8C31008	ORC0560-01
Surrogate: DCAA		191		ug/kg dry	380	50			8C31008	ORC0560-01
Total Metals by EPA Method 6010B										
Arsenic	<0.900	17.4		mg/kg wet	20.0	87	5	20	8034668	NRC2594-01
Cadmium	<0.200	18.4		mg/kg wet	20.0	92	2	20	8034668	NRC2594-01
Copper	6.88	56.4		mg/kg wet	50.0	99	0.07	20	8034668	NRC2594-01
Lead	5.32	98.3		mg/kg wet	100	93	0.5	20	8034668	NRC2594-01
Molybdenum	1.15	98.4		mg/kg wet	100	97	0.2	20	8034668	NRC2594-01
Nickel	24.1	108		mg/kg wet	100	84	6	20	8034668	NRC2594-01
Selenium	<1.10	17.6		mg/kg wet	20.0	88	0.2	20	8034668	NRC2594-01
Zinc	37.4	133		mg/kg wet	100	96	2	20	8034668	NRC2594-01
Mercury by EPA Methods 7470A/7471A										
Mercury	<0.0294	0.168		mg/kg wet	0.163	103	12	26	8040046	NRC2594-01

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

Work Order: ORC0560
 Project: QUARTERLY - POTTING SOIL
 Project Number: 1st Quarter 2008

Sampled: 03/27/08
 Received: 03/27/08

CERTIFICATION SUMMARY

TestAmerica Orlando

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 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
SW846	Solid/Soil		

Subcontracted Laboratories

TestAmerica-Nashville NELAC Cert #E87358, Florida Cert #E87358, Alabama Cert #41150, Kentucky Cert #DW #90038, GW HW, Soil #0019, Maryland Cert #316, Massachusetts Cert #M-TN032, New Jersey Cert #TN965, North Carolina Cert #DENR #387, South Carolina Cert #DW # 84009002, DHEC# 8 2960 FOSTER CREIGHTON DR. - NASHVILLE, TN 37204

Method Performed: SW-846
 Samples: ORC0560-01
 Method Performed: SW846 6010B
 Samples: ORC0560-01
 Method Performed: SW846 7471A
 Samples: ORC0560-01

DATA QUALIFIERS AND DEFINITIONS

- < < 46
- 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.
- 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).
- SPS** Percent solids result provided to the TestAmerica Nashville laboratory.
- U** The compound was analyzed for but not detected
- V** The analyte was detected in both the sample and the associated method blank.

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.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Client: C & C PEAT CO, INC.

Project: ORC0560

Shipped By: Walk-in

Tracking Number:

Cooler Received On: 03/27/08 11:34

And Opened On (Date/time): 3/27 13:05

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:

Cooler Temperature When Opened: 14.70 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

TestAmerica

INCORPORATED

Orlando Division
4310 East Anderson Dr.
Orlando, FL 32812

Phone: 407/851-2560
Toll Free: 800/851-2560
Fax: 407/856-0886

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes? Compliance Monitoring?

YES NO

ORC0560

Client Name: C & C PEAT

Address: 9200 EDGEWATER DRIVE

City/State/Zip: CLERMONT, FL 34711

Project Manager: STEPHEN COOK

Telephone Number: 325-429-5706

Sampler Name: (Print) Stephen Cook

Sampler Signature: *Stephen Cook*

email: *scook@ccpeat.com*
352-323-8213

Project Name: Quarterly - Potting Soil

Project #:

Site Location: 1st 2nd 3rd 4th (circle one) Quarter

Report To: Stephen Cook

Invoice To: Stephen Cook

P. O. #

State: FL

Sample ID / Description	Date Sampled	Time Sampled (Military Time)	No. of Containers	Grab	Composite	Field Filtered	Preservative						Matrix					Analyze For															
							Ice	HNO ₃	HCl	NaOH	H ₂ SO ₄	None	Other	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Surface Water	8081, 8082, 8141, 8151	As, Cd, Cu, Pb, Hg, Mo, Ni, K, Se, Zn	Fecal Coliform	% Moisture	Total % Volatile Solids	Total Nitrogen, TKN/Nox	Phosphorus	pH						
<i>potting soil</i>	<i>3/27/08</i>	<i>9:22</i>	<i>3</i>	<input checked="" type="checkbox"/>		<input type="checkbox"/>					<i>3</i>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												<i>01</i>	

Special Instructions:

Laboratory Comments:

Temperature Upon Receipt: *14.7*

Sample Containers Intact?

VOCs Free of Headspace?

Y N

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by TestAmerica:

Date

Time

custody seal / temp blank

Relinquished by:

Date

Time

Paul M Cook 3-27-08 11:34

John Thomas 3/27 11:34

WALK-IN

SUBCONTRACT ORDER

TestAmerica Orlando

ORC0560

SENDING LABORATORY:

TestAmerica Orlando
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 Nashville
2960 FOSTER CREIGHTON DR.
NASHVILLE, TN 37204
Phone : (800) 765-0980
Fax: (615) 726-3404
Project Location: Florida
Receipt Temperature: _____ °C Ice: Y / N

Analysis Units Due Expires Interlab Price Surch Comments

report in dry weight

Sample ID: ORC0560-01	Solid/Soil	Sampled: 03/27/08 09:22			
Arsenic Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Cadmium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Copper Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Lead Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Mercury 7471A	mg/kg	04/10/08	04/24/08 09:22	\$16.00	0%
Molybdenum Total SW 6010I	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Nickel Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Potassium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Selenium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%
Zinc Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%

Containers Supplied:

4 oz. Glass Jar (D)

[Signature] 3/27

Released By Date/Time

Received By Date/Time

Released By Date/Time

Received By Date/Time

4/3/2008 5:08:09PM

Client: TestAmerica Orlando
4310 East Anderson Road
Orlando, FL 32812

Work Order: NRC2450
Project Name: TA-Orlando
Project Number: ORC0560
Date Received: 03/28/08

Attn: Holli Raffington

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
ORC0560-01 (POTTING SOIL)	NRC2450-01	03/27/08 09:22

Samples were received into laboratory at a temperature of 3.40 °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.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately.

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.

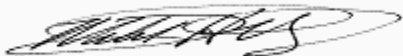
These results relate only to the items tested

Estimated uncertainty is available upon request.

Florida Certification Number: E87358

This report has been electronically signed.

Approved By:



Client: TestAmerica Orlando
 4310 East Anderson Road
 Orlando, FL 32812
 Attn: Holli Raffington

Work Order: NRC2450
 Project: TA-Orlando
 Project Number: ORC0560

Sampled: 03/27/08
 Received: 03/28/08

LABORATORY REPORT

Sample ID: ORC0560-01 (POTTING SOIL) - Lab Number: NRC2450-01 - Matrix: Soil

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
Solids	% Dry Solids	43.9	SPS	%	0.500	0.500	1	03/28/08 16:10	MDH	SW-846	8040640
Total Metals by EPA Method 6010B											
7440-38-2	Arsenic	2.06	U	mg/kg dry	2.06	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-43-9	Cadmium	0.458	U	mg/kg dry	0.458	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-50-8	Copper	15.3		mg/kg dry	1.60	4.58	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7439-92-1	Lead	3.62		mg/kg dry	1.15	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7439-98-7	Molybdenum	1.37	U	mg/kg dry	1.37	6.87	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-02-0	Nickel	1.42	I	mg/kg dry	1.15	2.29	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-09-7	Potassium	4880		mg/kg dry	68.7	229	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7782-49-2	Selenium	8.25		mg/kg dry	2.52	4.58	1	03/31/08 14:54	CLO	SW846 6010B	8034668
7440-66-6	Zinc	63.3	V	mg/kg dry	7.56	22.9	1	03/31/08 14:54	CLO	SW846 6010B	8034668
Mercury by EPA Methods 7470A/7471A											
7439-97-6	Mercury	0.0668	U	mg/kg dry	0.0668	0.223	1	04/02/08 10:48	AMB	SW846 7471A	8040046

Client: TestAmerica Orlando
 4310 East Anderson Road
 Orlando, FL 32812
 Attn: Holli Raffington

Work Order: NRC2450
 Project: TA-Orlando
 Project Number: ORC0560

Sampled: 03/27/08
 Received: 03/28/08

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number
Total Metals by EPA Method 6010B					
Arsenic	0.900	U	mg/kg wet	8034668	8034668-BLK1
Cadmium	0.200	U	mg/kg wet	8034668	8034668-BLK1
Copper	0.700	U	mg/kg wet	8034668	8034668-BLK1
Lead	0.500	U	mg/kg wet	8034668	8034668-BLK1
Molybdenum	0.600	U	mg/kg wet	8034668	8034668-BLK1
Nickel	0.500	U	mg/kg wet	8034668	8034668-BLK1
Potassium	30.0	U	mg/kg wet	8034668	8034668-BLK1
Selenium	1.10	U	mg/kg wet	8034668	8034668-BLK1
Zinc	4.20	V,I	mg/kg wet	8034668	8034668-BLK1
Mercury by EPA Methods 7470A/7471A					
Mercury	0.0300	U	mg/kg wet	8040046	8040046-BLK1

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Q.C. Batch
Total Metals by EPA Method 6010B							
Arsenic	20.0	18.2		mg/kg wet	91	80 - 120	8034668
Cadmium	20.0	19.7		mg/kg wet	99	80 - 120	8034668
Copper	50.0	48.6		mg/kg wet	97	80 - 120	8034668
Lead	100	93.6		mg/kg wet	94	80 - 120	8034668
Molybdenum	100	95.0		mg/kg wet	95	80 - 120	8034668
Nickel	100	99.8		mg/kg wet	100	80 - 120	8034668
Potassium	1000	905		mg/kg wet	90	80 - 120	8034668
Selenium	20.0	19.0		mg/kg wet	95	80 - 120	8034668
Zinc	100	96.6		mg/kg wet	97	80 - 120	8034668
Mercury by EPA Methods 7470A/7471A							
Mercury	0.167	0.172		mg/kg wet	103	78 - 120	8040046

Client: TestAmerica Orlando
 4310 East Anderson Road
 Orlando, FL 32812
 Attn: Holli Raffington

Work Order: NRC2450
 Project: TA-Orlando
 Project Number: ORC0560

Sampled: 03/27/08
 Received: 03/28/08

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked
Total Metals by EPA Method 6010B									
Arsenic	<0.886	18.2		mg/kg wet	19.7	92	75 - 125	8034668	NRC2594-01
Cadmium	<0.197	18.9		mg/kg wet	19.7	96	75 - 125	8034668	NRC2594-01
Copper	6.88	56.3		mg/kg wet	49.2	100	75 - 125	8034668	NRC2594-01
Lead	5.32	98.8		mg/kg wet	98.4	95	75 - 125	8034668	NRC2594-01
Molybdenum	1.15	98.2		mg/kg wet	98.4	99	75 - 125	8034668	NRC2594-01
Nickel	24.1	115		mg/kg wet	98.4	93	75 - 125	8034668	NRC2594-01
Selenium	<1.08	17.6		mg/kg wet	19.7	90	75 - 125	8034668	NRC2594-01
Zinc	37.4	130		mg/kg wet	98.4	94	75 - 125	8034668	NRC2594-01
Mercury by EPA Methods 7470A/7471A									
Mercury	<0.0291	0.191		mg/kg wet	0.162	118	60 - 149	8040046	NRC2594-01

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	RPD	RPD Limit	Q.C. Batch	Sample Duplicated
Total Metals by EPA Method 6010B										
Arsenic	<0.900	17.4		mg/kg wet	20.0	87	5	20	8034668	NRC2594-01
Cadmium	<0.200	18.4		mg/kg wet	20.0	92	2	20	8034668	NRC2594-01
Copper	6.88	56.4		mg/kg wet	50.0	99	0.07	20	8034668	NRC2594-01
Lead	5.32	98.3		mg/kg wet	100	93	0.5	20	8034668	NRC2594-01
Molybdenum	1.15	98.4		mg/kg wet	100	97	0.2	20	8034668	NRC2594-01
Nickel	24.1	108		mg/kg wet	100	84	6	20	8034668	NRC2594-01
Selenium	<1.10	17.6		mg/kg wet	20.0	88	0.2	20	8034668	NRC2594-01
Zinc	37.4	133		mg/kg wet	100	96	2	20	8034668	NRC2594-01
Mercury by EPA Methods 7470A/7471A										
Mercury	<0.0294	0.168		mg/kg wet	0.163	103	12	26	8040046	NRC2594-01

Client: TestAmerica Orlando
4310 East Anderson Road
Orlando, FL 32812

Attn: Holli Raffington

Work Order: NRC2450
Project: TA-Orlando
Project Number: ORC0560

Sampled: 03/27/08
Received: 03/28/08

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	A2LA	AIHA	Nelac	Florida
SW846 6010B	Soil	X	N/A	X	X
SW846 7471A	Soil			X	X
SW-846	Soil				

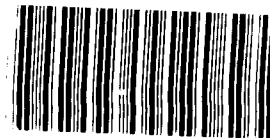
DATA QUALIFIERS AND DEFINITIONS

- I** The reported value is between the laboratory method detection limit and method reporting limit.
- SPS** Percent solids result provided to the TestAmerica Nashville laboratory.
- U** The compound was analyzed for but not detected
- V** The analyte was detected in both the sample and the associated method blank.

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 RECEIPT

RC245L

Cooler Received/Opened On 3/28/08 @ 08:30

1. Tracking # 1006 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 3.4 Degrees Celsius

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

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: _____

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

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

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

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

If preservation in-house was needed, record standard ID of preservative used here _____

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...# _____

SUBCONTRACT ORDER

TestAmerica Orlando

ORC0560

SENDING LABORATORY:

TestAmerica Orlando
 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 Nashville
 2960 FOSTER CREIGHTON DR.
 NASHVILLE, TN 37204
 Phone : (800) 765-0980
 Fax: (615) 726-3404
 Project Location: Florida
 Receipt Temperature: 3.4 °C Ice: Y / N

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: ORC0560-01	Solid/Soil					report in dry weight
			Sampled: 03/27/08 09:22			
Arsenic Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Cadmium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Copper Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Lead Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Mercury 7471A	mg/kg	04/10/08	04/24/08 09:22	\$16.00	0%	NRC2450
Molybdenum Total SW 6010	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	04/04/08 23:59
Nickel Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Potassium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Selenium Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	
Zinc Total EPA 6010B	mg/kg	04/10/08	09/23/08 09:22	\$10.00	0%	

Containers Supplied:
 4 oz. Glass Jar (D)

Released By [Signature] Date/Time _____

Received By _____ Date/Time _____

Released By _____ Date/Time _____

Received By [Signature] Date/Time 3-28-08/0830 Page 1 of 1