

APÉNDICE 1

INFORMACIÓN ADICIONAL SOBRE CARACTERIZACIÓN DE CENIZAS

La compañía Energy Answers Arecibo, LLC (Energy Answers), es una subsidiaria de Energy Answers International, Inc. (EAI). EAI desarrolla sistemas de generación de energía y recuperación de recursos ambientalmente seguros y ha sido dueño y operador de estos sistemas. EAI diseñó y desarrolló la planta de generación de energía y recuperación de recursos de SEMASS en Rochester, Massachusetts, y se ha comprobado que es un sistema de generación de energía y recuperación de recursos sumamente eficiente y con un excelente historial de cumplimiento con los límites de emisiones a través de sus más de 20 años de operación.

Históricamente, las cenizas de fondo y de tope generadas en SEMASS fueron consistentemente clasificadas como desperdicios sólidos no peligrosos bajo reglamentación federal aplicable. Por lo tanto, las cenizas fueron reguladas bajo un permiso del Departamento de Protección Ambiental del Estado de Massachusetts (MDEP, por sus siglas en inglés) que cumple con las disposiciones para tales desperdicios bajo la Ley de Conservación y Recuperación de Recursos (RCRA, por sus siglas en inglés). Mediante programas de muestreo y análisis rutinario de las cenizas se determinó que las cenizas de fondo y de tope de SEMASS eran un desperdicio sólido no peligroso.

De conformidad con la ley federal, estos residuos son analizados para asegurarse de que son no-peligrosos. La Agencia de Protección Ambiental de los Estados Unidos (EPA, por sus siglas en inglés) desarrolló la prueba agresiva llamada *Toxicity Characteristic Leaching Procedure* o *TCLP* para determinar si los metales percolarán de estos materiales. Si los metales percolan (*leach*) en cantidades mayores que la fracción de un (1) por ciento, las cenizas son consideradas peligrosas. Años de pruebas de cenizas provenientes de facilidades de conversión de residuos a energía en los Estados Unidos han demostrado que las cenizas son seguras para disposición o re-uso. En particular, el Estado de Massachusetts indica que todas las plantas que sometieron resultados de muestreo para TCLP pasaron la prueba. (Véase el primer párrafo de la segunda página de la carta del Departamento de Protección Ambiental de la Oficina Ejecutiva de Asuntos Ambientales del Estado de Massachusetts del 11 de julio del 1997 en este Apéndice.) Las facilidades de conversión de residuos a energía y recuperación de recursos

consistentemente pasan la prueba de TCLP para cenizas, a pesar del hecho de que la prueba exagera grandemente el potencial de percolación de ciertos constituyentes, incluidos los metales. A base de las experiencias previas y de la abundancia de información pública disponible, es nuestra entendimiento que las cenizas de tope será no-peligrosa.

Energy Answers International fue el dueño y operador de la facilidad de SEMASS de 1989 a 1996 y durante el tiempo requerido bajo el permiso de la facilidad expedido por el MDEP para realizar pruebas TCLP de los residuos de cenizas cada tres (3) meses (*quarterly basis*) demostraron que las cenizas consistentemente pasaron el TCLP. Posteriormente y a base de los resultados obtenidos para cenizas, el Departamento de Protección Ambiental de Massachusetts determinó dejar de requerir muestreos rutinarios para cenizas. (Véase el segundo párrafo de la segunda página de la carta del Departamento de Protección Ambiental del Estado de Massachusetts del 11 de julio de 1997.) Un resumen de los resultados de las pruebas TCLP de las cenizas durante el periodo que Energy Answers International operó SEMASS se presentan a continuación.

En la **Tabla 1** se presenta un resumen de los resultados trimestrales de TCLP para las cenizas de tope. Además, la **Tabla 2** que aparece más adelante provee un resumen de los resultados de las pruebas de TCLP de enero de 1993 a junio de 1996 para el Agregado de Caldera (*Boiler Aggregate™*), un producto producido mediante la extracción de los materiales ferrosos y no ferrosos de las cenizas de fondo de la facilidad de referencia SEMASS. Estos resultados evidencian que ambos materiales pasaron cómodamente la prueba de TCLP.

Tabla 1: Resumen de los Resultados Trimestrales de la Pruebas TCLP de las Cenizas de Tope (*Fly Ash*) en SEMASS desde Enero 1993 a Junio 1996

Compuesto	90% Límite de Confiabilidad	Numero de datos	Límite TCLP
Arsénico	0.0081	142	5
Bario	0.9966	142	100
Cadmio	0.0804	142	1
Cromio	0.0482	142	5
Plomo	0.6164	142	5
Mercurio	0.0081	142	0.2
Selenio	0.012	142	1
Plata	0.0336	142	5

1. Less than detectable data was estimated at 1/2 the detection limit for statistical calculations.
2. Upper 90% Confident Limit Calculation as per EPA SW-846 Volume II, chapter nine rev. 0.
3. All laboratory data provided by Matrix Analytical, Inc. Hopkinton, Ma.
4. Toxicity Characteristic Leaching Procedure (TCLP) as per C.F.R. 40 part 261 Appendix II or US EPA SW-846, method 1311.

Tabla 2: Resumen de los Resultados Trimestrales de las Pruebas TCLP de las Cenizas de Fondo (*Bottom Ash*) en SEMASS desde Enero 1993 a Junio 1996

Compuesto	90% Límite de Confiabilidad	Numero de datos	Límite TCLP
Arsénico	0.0036	154	5
Bario	0.4047	154	100
Cadmio	0.1077	154	1
Cromio	0.0451	154	5
Plomo	2.2369	154	5
Mercurio	0.0005	154	0.2
Selenio	0.0025	154	1
Plata	0.0102	154	5

1. Less than detectable data was estimated at 1/2 the detection limit for statistical calculations.
2. Upper 90% Confident Limit Calculation as per EPA SW-846 Volume II, chapter nine rev. 0.
3. All laboratory data provided by Matrix Analytical, Inc. Hopkinton, Ma.
4. Toxicity Characteristic Leaching Procedure (TCLP) as per C.F.R. 40 part 261 Appendix II or US EPA SW-846, method 1311.

Las cenizas contienen una cantidad significativa de cal del equipo de control de emisiones, lo cual eleva su pH y evita la percolación de metales de las cenizas. Cuando se dispone de esta ceniza en un sistema

de relleno sanitario, días más tarde ésta se endurece y toma la apariencia de un material similar al cemento (*mortar*), evitando que se genere polvo.

La ceniza de tope está compuesta de material particulado capturado en el sistema de control de emisiones, carbón activado y cal, cada uno de ellos un componente crítico del proceso de control de emisiones. A este material se le añade una pequeña cantidad de agua para controlar el polvo durante su proceso de manejo y su transportación, en caso de que se disponga de él en un sistema de relleno sanitario. El agua y las cenizas son mezcladas completamente para asegurarse que la mezcla tenga el contenido de humedad apropiado.

Durante la operación del Proyecto, las cenizas de tope a ser generadas en la planta serán analizadas utilizando la prueba TCLP, o cualquier otra prueba requerida bajo los reglamentos aplicables, para confirmar su carácter no peligroso antes de ser enviadas a una facilidad para su disposición. Las cenizas de tope a ser generadas en la planta también serán analizadas regularmente para determinar sus características estructurales antes de ser utilizados para usos comerciales. Las cenizas de fondo a ser generadas en la planta también serán analizadas regularmente para determinar sus características estructurales antes de ser utilizados para usos comerciales.

En cuanto a la disposición de estas cenizas en sistemas de rellenos sanitarios, aquellas cenizas que no se re-utilicen se dispondrán en un vertedero autorizado, y en estricto cumplimiento con la reglamentación aplicable, incluyendo la confirmación analítica de su naturaleza no-peligrosa.

Con el propósito de proveer información adicional de referencia sobre resultados de TCLP para muestras de cenizas, se obtuvieron datos de una planta de conversión de energía que opera en la ciudad de Palm Beach en el Estado de Florida y que utiliza la tecnología *Refused Derived Fuel (RFD)*, la cual es similar a la de la planta de referencia SEMASS. Los resultados de laboratorio indican que todas las muestras de cenizas pasaron la prueba de TCLP.

¿Se le han TCLP?
¿Qué usos comerciales?
¿Qué pruebas para determinar caract. estructurales?

¿Cuáles reuso?
siempre y cuando no sea peligroso de ser reutilizado tiene que ser después de la prueba TCLP

**COPIA DE CARTA DEL DEPARTAMENTO DE PROTECCION AMBIENTAL DE LA OFICINA EJECUTIVA DE
ASUNTOS AMBIENTALES DEL ESTADO DE MASSACHUSETTS**

**RESULTADOS TCLP PARA MUESTRAS DE CENIZAS¹ DE LA
PLANTA DE CONVERSIÓN DE ENERGÍA EN PALM BEACH FLORIDA**

¹ Las muestras fueron tomadas luego del proceso de mezcla de cenizas de fondo con las cenizas de tope.

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Original-Return w/report

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Report to: Palm Beach Resource Recovery Corp

Report to

Address: 6501 North Jog Road, West Palm Beach

Invoice to: Palm Beach Resource Recovery Corp

Purchase
Order #

Invoice to

Address: 6501 North Jog Road, West Palm Beach

Project Name

and/or Number : SWA North County Resource Recovery Facility in WPB

Site

Location: 6501 North Jog Road, West Palm Beach

Project

Mgr: Ted Boedler

Phone: 561.616.6216

Fax: 561.616.6205

Sampler Name:
(printed)*Benjamin Morris*Sampler
Signature

ORDER # Lab Control Number		Sample ID	Date Sampled	Time Sampled	Matrix	Bottle & Pres.	Number of Containers Received & NELAC Letter Suffixes # A-?	Analysis Required			
					DW SW GW SED S EFF HW BIO SA OIL X			Full TCLP (Metals (8-RCRA)	8260	8270	8151
1	51197	Day 1A	2-4-11	12:15	ASH	510	4	X	X	X	X
2	51198	Day 1B	2-4-11	12:35	"			X	X	X	X
3	51199	Day 2A	2-4-11	12:50	"			X	X	X	X
4	51200	Day 2B	2-4-11	13:15	"			X	X	X	X
5	51201	Day 3A	2-4-11	13:30	"			X	X	X	X
6	51202	Day 3B	2-4-11	13:48	"			X	X	X	X
7	51203	Day 4A	2-4-11	14:05	"			X	X	X	X
8	51204	Day 4B	2-4-11	14:20	"			X	X	X	X
9	51205	Day 5A	2-4-11	14:37	"			X	X	X	X
10	51206	Day 5B	2-4-11	14:58	"			X	X	X	X

Special Comments:

Total

SAMPLE CUSTODY AND TRANSFER

"I waive NELAC protocol" (sign here) >

Deliverables:

QA/QC Report Needed?

Yes

No

(additional charge)

Sample Custody & Field Comments

Bottle Type

Preservatives

Temp as received 24 C

Custody Seals? Y N

Billable Field Time _____ hrs

Misc. Charges _____

A-liter amber
B-Bacteria bag/bottle
F-500 ml
L-liter bottle
S-soil jar
T-250 ml
V-40 ml vial
W-wide mouth
X-other

A-ascorbic acid
C-HCL
Cu-CuSO₄
H-HNO₃
M-MCAB
N-NaOH
NH₄-NH₄CL
P-H₃PO₄
S-H₂SO₄
T-Na₂S₂O₃-H₂O
U-Unpreserved
P-H₃PO₄
Z-zinc acetate

1 Relinquished by:

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2 Received by:

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West Palm Beach, FL 33412

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Report Printed: 02/16/11
Submission # 1102000155
Order # 51197

Project: SWA N.County Resource WPB
Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
Matrix: Solids

Sample I.D.: Day 1A
Collected: 02/04/11 12:15
Received: 02/04/11 16:45
Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 16:00	02/07 15:30	EN
6010.B TCLP RCRA-7 Metals (No Mercury) by ICP			Dilution Factor = 1						
Arsenic, TCLP	0.013		mg/L	0.0012	0.0036	1311/6010B	02/07 16:00	02/08 13:35	IMN
Barium, TCLP	0.391		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:35	IMN
Cadmium, TCLP	0.650		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:35	IMN
Chromium, TCLP	0.004		mg/L	0.0008	0.0024	1311/6010B	02/07 16:00	02/08 13:35	IMN
Selenium, TCLP	U	U	mg/L	0.0022	0.0066	1311/6010B	02/07 16:00	02/08 13:35	IMN
Silver, TCLP	U	U	mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:35	IMN
Lead, TCLP	0.788		mg/L	0.0011	0.0033	1311/6010B	02/07 16:00	02/08 13:35	IMN
Mercury, TCLP (Cold Vapor AA)	U	U	mg/L	0.00010	0.00030	1311/7471A	02/09	02/09 16:35	EN
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 15:00	02/09 22:04	MD
TCLP Extraction Procedure	FLUID#1					1311 Ext.	02/11 15:21	02/12 09:30	MAZ
8081A TCLP: Chlorinated Pesticides			Dilution Factor = 1						
a-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:04	02/10 23:47	AC
b-BHC	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:04	02/10 23:47	AC
g-BHC (lindane)	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:04	02/10 23:47	AC
d-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:04	02/10 23:47	AC
Heptachlor	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:04	02/10 23:47	AC

Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
415 B SW Park St.
Okeechobee, FL 34972

Spectrum Laboratories
630 Indian St.
Savannah, GA 31401

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All NELAP certified analyses are performed in accordance with Chapter 64E-1 Florida Administrative Code, which has been determined to be equivalent to NELAC standards. Analyses certified by programs other than NELAP are designated with a "-".

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PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Aldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:04	02/10 23:47	AC
Heptachlor Epoxide	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:04	02/10 23:47	AC
Endosulfan I	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:04	02/10 23:47	AC
Dieldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:04	02/10 23:47	AC
4,4-DDE	U	U	ug/L	0.017	0.051	1311-8081A	02/10 15:04	02/10 23:47	AC
Endrin	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:04	02/10 23:47	AC
Endosulfan II	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:04	02/10 23:47	AC
4,4-DDD	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:04	02/10 23:47	AC
Endrin Aldehyde	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:04	02/10 23:47	AC
Endosulfan Sulfate	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:04	02/10 23:47	AC
4,4-DDT	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:04	02/10 23:47	AC
Methoxychlor	U	U	ug/L	0.007	0.021	1311-8081A	02/10 15:04	02/10 23:47	AC
Toxaphene	U	U	ug/L	0.90	2.70	1311-8081A	02/10 15:04	02/10 23:47	AC
Chlordane	U	U	ug/L	0.10	0.30	1311-8081A	02/10 15:04	02/10 23:47	AC
8151 TCLP: Chlorophenoxy Herbicides						Dilution Factor =1			
2,4-D	U	U	ug/L	0.011	0.033	1311/515/8151	02/09 16:50	02/11 16:50	AC
2,4,5-TP (silvex)	U	U	ug/L	0.005	0.015	1311/515/8151	02/09 16:50	02/11 16:50	AC
8260B TCLP: Volatile Organics Full List-GC/MS						Dilution Factor =5			

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Acetone	U	U	ug/L	5.35	16.05	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Acrolein	U	U	ug/L	3.75	11.25	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Acrylonitrile	U	U	ug/L	2.05	6.15	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Dichlorodifluoromethane	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Chloromethane	U	U	ug/L	1.75	5.25	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Vinyl Chloride	U	U	ug/L	1.70	5.10	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Bromomethane	U	U	ug/L	2.05	6.15	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Chloroethane	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Trichlorofluoromethane	U	U	ug/L	2.35	7.05	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Methyl Ethyl Ketone	U	U	ug/L	3.75	11.25	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1-Dichloroethene	U	U	ug/L	4.75	14.25	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Methylene Chloride	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Trans-1,2-Dichloroethene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Methyl-Tert-Butyl Ether	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1-Dichloroethane	U	U	ug/L	2.65	7.95	1311/8260B	02/14 11:26	02/14 11:26	MAZ
2,2-Dichloropropane	U	U	ug/L	1.55	4.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Cis-1,2-Dichloroethene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Chloroform	U	U	ug/L	4.00	12.00	1311/8260B	02/14 11:26	02/14 11:26	MAZ

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 Matrix: Solids

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 Collected: 02/04/11 12:15
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 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Bromochloromethane	U	U	ug/L	2.75	8.25	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1,1-Trichloroethane	U	U	ug/L	1.25	3.75	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1-Dichloropropene	U	U	ug/L	0.35	1.05	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Carbon Tetrachloride	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Benzene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2-Dichloroethane	U	U	ug/L	1.20	3.60	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Trichloroethene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2-Dichloropropane	U	U	ug/L	1.00	3.00	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Bromodichloromethane	U	U	ug/L	1.20	3.60	1311/8260B	02/14 11:26	02/14 11:26	MAZ
2-Chloroethylvinyl Ether	U	U	ug/L	3.80	11.40	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Dibromomethane	U	U	ug/L	2.10	6.30	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Cis-1,3-Dichloropropene	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Toluene	U	U	ug/L	0.70	2.10	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Trans-1,3-Dichloropropene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1,2-Trichloroethane	U	U	ug/L	1.80	5.40	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,3-Dichloropropane	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Tetrachloroethene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Dibromochloromethane	U	U	ug/L	1.95	5.85	1311/8260B	02/14 11:26	02/14 11:26	MAZ

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 Order # 51197

Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1A
 Collected: 02/04/11 12:15
 Received: 02/04/11 16:45
 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
1,2-Dibromoethane (EDB)	U	U	ug/L	2.00	6.00	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Bromobenzene	U	U	ug/L	2.30	6.90	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Chlorobenzene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Ethylbenzene	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1,1,2-Tetrachloroethane	U	U	ug/L	1.85	5.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ
m & p-Xylene	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:26	02/14 11:26	MAZ
o-Xylene	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Styrene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Isopropylbenzene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Bromoform	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,1,1,2-Tetrachloroethane	U	U	ug/L	1.45	4.35	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2,3-Trichloropropane	U	U	ug/L	1.15	3.45	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,3,5-Trimethylbenzene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
2-Chlorotoluene	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:26	02/14 11:26	MAZ
4-Chlorotoluene	U	U	ug/L	0.80	2.40	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Tert-Butylbenzene	U	U	ug/L	0.80	2.40	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2,4-Trimethylbenzene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Sec-Butylbenzene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ

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P-Isopropyltoluene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,3-Dichlorobenzene	U	U	ug/L	1.00	3.00	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,4-Dichlorobenzene	U	U	ug/L	0.70	2.10	1311/8260B	02/14 11:26	02/14 11:26	MAZ
n-Butylbenzene	U	U	ug/L	1.10	3.30	1311/8260B	02/14 11:26	02/14 11:26	MAZ
n-PropylBenzene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2-Dichlorobenzene	U	U	ug/L	2.40	7.20	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2-Dibromo-3-Chloropropane (DBCP)	U	U	ug/L	1.50	4.50	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2,4-Trichlorobenzene	U	U	ug/L	4.10	12.30	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Hexachlorobutadiene	U	U	ug/L	2.85	8.55	1311/8260B	02/14 11:26	02/14 11:26	MAZ
Naphthalene	U	U	ug/L	0.075	0.225	1311/8260B	02/14 11:26	02/14 11:26	MAZ
1,2,3-Trichlorobenzene	U	U	ug/L	6.35	19.05	1311/8260B	02/14 11:26	02/14 11:26	MAZ
8270D TCLP: Semivolatile Organics by GC/MS						Dilution Factor = 3.33			
N-Nitrosodimethylamine	U	U	ug/L	44.46	133.38	1311/8270D	02/09 09:00	02/09 22:04	MD
Phenol	U	U	ug/L	48.85	146.55	1311/8270D	02/09 09:00	02/09 22:04	MD
Bis (2-Chloroethyl) Ether	U	U	ug/L	27.51	82.53	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Chlorophenol	U	U	ug/L	38.26	114.78	1311/8270D	02/09 09:00	02/09 22:04	MD
1,3-Dichlorobenzene	U	U	ug/L	46.82	140.46	1311/8270D	02/09 09:00	02/09 22:04	MD
1,4-Dichlorobenzene	U	U	ug/L	53.02	159.06	1311/8270D	02/09 09:00	02/09 22:04	MD

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PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Benzyl Alcohol	U	U	ug/L	51.25	153.75	1311/8270D	02/09 09:00	02/09 22:04	MD
1,2-Dichlorobenzene	U	U	ug/L	41.16	123.48	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Methyl Phenol (O-Cresol)	U	U	ug/L	48.62	145.86	1311/8270D	02/09 09:00	02/09 22:04	MD
Bis (2-Chloroisopropyl) Ether	U	U	ug/L	42.42	127.26	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Methyl Phenol (P-Cresol)	U	U	ug/L	6.49	19.47	1311/8270D	02/09 09:00	02/09 22:04	MD
3-Methyl Phenol (M-Cresol)	U	U	ug/L	43.12	129.36	1311/8270D	02/09 09:00	02/09 22:04	MD
N-Nitrosodi-N-Propylamine	U	U	ug/L	42.96	128.88	1311/8270D	02/09 09:00	02/09 22:04	MD
Hexachloroethane	U	U	ug/L	35.20	105.60	1311/8270D	02/09 09:00	02/09 22:04	MD
Nitrobenzene	U	U	ug/L	48.32	144.96	1311/8270D	02/09 09:00	02/09 22:04	MD
Isophorone	U	U	ug/L	53.01	159.03	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Nitrophenol	U	U	ug/L	58.18	174.54	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4-Dimethylphenol	U	U	ug/L	41.63	124.89	1311/8270D	02/09 09:00	02/09 22:04	MD
Bis (2-Chloroethoxy)methane	U	U	ug/L	36.60	109.80	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4-Dichlorophenol	U	U	ug/L	62.64	187.92	1311/8270D	02/09 09:00	02/09 22:04	MD
1,2,3-Trichlorobenzene	U	U	ug/L	10.66	31.98	1311/8270D	02/09 09:00	02/09 22:04	MD
1,2,4-Trichlorobenzene	U	U	ug/L	52.45	157.35	1311/8270D	02/09 09:00	02/09 22:04	MD
Naphthalene	U	U	ug/L	0.05	0.15	1311/8270D	02/09 09:00	02/09 22:04	MD
Hexachlorobutadiene	U	U	ug/L	38.76	116.28	1311/8270D	02/09 09:00	02/09 22:04	MD

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4-Chloro-3-Methylphenol	U	U	ug/L	58.21	174.63	1311/8270D	02/09 09:00	02/09 22:04	MD
1-Methylnaphthalene	U	U	ug/L	1.20	3.60	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Methylnaphthalene	U	U	ug/L	0.08	0.24	1311/8270D	02/09 09:00	02/09 22:04	MD
Hexachlorocyclopentadiene	U	U	ug/L	5.73	17.19	1311/8270D	02/09 09:00	02/09 22:04	MD
2,3,6-Trichlorophenol	U	U	ug/L	8.32	24.96	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4,5-Trichlorophenol	U	U	ug/L	56.78	170.34	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4,6-Trichlorophenol	U	U	ug/L	55.34	166.02	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Chloronaphthalene	U	U	ug/L	52.98	158.94	1311/8270D	02/09 09:00	02/09 22:04	MD
Dimethyl Phthalate	U	U	ug/L	54.05	162.15	1311/8270D	02/09 09:00	02/09 22:04	MD
Acenaphthylene	U	U	ug/L	0.05	0.15	1311/8270D	02/09 09:00	02/09 22:04	MD
2,6-Dinitrotoluene	U	U	ug/L	48.32	144.96	1311/8270D	02/09 09:00	02/09 22:04	MD
Acenaphthene	U	U	ug/L	0.06	0.18	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4-Dinitrophenol	U	U	ug/L	2.66	7.98	1311/8270D	02/09 09:00	02/09 22:04	MD
2,4-Dinitrotoluene	U	U	ug/L	60.64	181.92	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Nitrophenol	U	U	ug/L	5.66	16.98	1311/8270D	02/09 09:00	02/09 22:04	MD
Diethyl Phthalate	U	U	ug/L	38.79	116.37	1311/8270D	02/09 09:00	02/09 22:04	MD
Fluorene	U	U	ug/L	0.040	0.120	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Chlorophenyl Phenyl Ether	U	U	ug/L	61.04	183.12	1311/8270D	02/09 09:00	02/09 22:04	MD

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4,6-Dinitro-2-Methylphenol	U	U	ug/L	5.56	16.68	1311/8270D	02/09 09:00	02/09 22:04	MD
N-Nitrosodiphenylamine	U	U	ug/L	44.42	133.26	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Bromophenyl Phenyl Ether	U	U	ug/L	46.95	140.85	1311/8270D	02/09 09:00	02/09 22:04	MD
Hexachlorobenzene	U	U	ug/L	35.30	105.90	1311/8270D	02/09 09:00	02/09 22:04	MD
Pentachlorophenol	U	U	ug/L	7.09	21.27	1311/8270D	02/09 09:00	02/09 22:04	MD
Phenanthrene	U	U	ug/L	48.385	145.155	1311/8270D	02/09 09:00	02/09 22:04	MD
Anthracene	U	U	ug/L	0.163	0.489	1311/8270D	02/09 09:00	02/09 22:04	MD
Di-N-Butyl Phthalate	U	U	ug/L	52.48	157.44	1311/8270D	02/09 09:00	02/09 22:04	MD
Fluoranthene	U	U	ug/L	0.083	0.249	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzidine	U	U	ug/L	21.74	65.22	1311/8270D	02/09 09:00	02/09 22:04	MD
Pyrene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:04	MD
Butyl Benzyl Phthalate	U	U	ug/L	58.28	174.84	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzo(A)Anthracene	U	U	ug/L	7.66	22.98	1311/8270D	02/09 09:00	02/09 22:04	MD
3,3-Dichlorobenzidine	U	U	ug/L	36.50	109.50	1311/8270D	02/09 09:00	02/09 22:04	MD
Chrysene	U	U	ug/L	2.50	7.50	1311/8270D	02/09 09:00	02/09 22:04	MD
Bis (2 Ethylhexyl) Phthalate	U	U	ug/L	78.89	236.67	1311/8270D	02/09 09:00	02/09 22:04	MD
Di-N-Octyl Phthalate	U	U	ug/L	58.81	176.43	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzo(B)Fluoranthene	U	U	ug/L	13.72	41.16	1311/8270D	02/09 09:00	02/09 22:04	MD

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Benzo(K)Fluoranthene	U	U	ug/L	0.083	0.249	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzo(A)Pyrene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:04	MD
Indeno(1,2,3-CD)Pyrene	U	U	ug/L	10.32	30.96	1311/8270D	02/09 09:00	02/09 22:04	MD
Dibenzo(A,H,)Anthracene	U	U	ug/L	8.06	24.18	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzo(G,H,I)Perylene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:04	MD
Bis-2-ethylhexyl Adipate	U	U	ug/L	2.531	7.593	1311/8270D	02/09 09:00	02/09 22:04	MD
Aldrin -	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:04	MD
α-BHC -	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:04	MD
β-BHC -	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:04	MD
γ-BHC -	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:04	MD
τ-BHC (Lindane) -	U	U	ug/L	0.01	0.03	1311/8270D	02/09 09:00	02/09 22:04	MD
Cresol -	U	U	ug/L	5.0	15.0	1311/8270D	02/09 09:00	02/09 22:04	MD
Endrin -	U	U	ug/L	0.619	1.857	1311/8270D	02/09 09:00	02/09 22:04	MD
Heptachlor -	U	U	ug/L	2.60	7.80	1311/8270D	02/09 09:00	02/09 22:04	MD
Heptachlor Epoxide -	U	U	ug/L	5.59	16.77	1311/8270D	02/09 09:00	02/09 22:04	MD
Chlordane -	U	U	ug/L	3.3	9.9	1311/8270D	02/09 09:00	02/09 22:04	MD
4,4'-DDD -	U	U	ug/L	2.10	6.30	1311/8270D	02/09 09:00	02/09 22:04	MD
4,4'-DDE -	U	U	ug/L	1.30	3.90	1311/8270D	02/09 09:00	02/09 22:04	MD

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4,4'-DDT ~	U	U	ug/L	2.30	6.90	1311/8270D	02/09 09:00	02/09 22:04	MD
Dieldrin ~	U	U	ug/L	2.797	8.391	1311/8270D	02/09 09:00	02/09 22:04	MD
Endosulfan I ~	U	U	ug/L	0.020	0.060	1311/8270D	02/09 09:00	02/09 22:04	MD
Endosulfan II ~	U	U	ug/L	0.020	0.060	1311/8270D	02/09 09:00	02/09 22:04	MD
Endosulfan Sulfate ~	U	U	ug/L	0.023	0.069	1311/8270D	02/09 09:00	02/09 22:04	MD
Endrin Aldehyde ~	U	U	ug/L	0.633	1.899	1311/8270D	02/09 09:00	02/09 22:04	MD
Toxaphene ~	U	U	ug/L	3.00	9.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1016 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1221 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1232 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1242 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1248 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1254 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
PCB-1260 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:04	MD
Dioxin (Screen)	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:04	MD
Azobenzene ~	U	U	ug/L	2.50	7.50	1311/8270D	02/09 09:00	02/09 22:04	MD
Methoxychlor ~	U	U	ug/L	0.023	0.069	1311/8270D	02/09 09:00	02/09 22:04	MD
Benzoic Acid	U	U	ug/L	2.80	8.40	1311/8270D	02/09 09:00	02/09 22:04	MD

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Aniline	U	U	ug/L	28.27	84.81	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Chloroaniline	U	U	ug/L	47.55	142.65	1311/8270D	02/09 09:00	02/09 22:04	MD
Dibenzofuran	U	U	ug/L	57.88	173.64	1311/8270D	02/09 09:00	02/09 22:04	MD
2-Nitroaniline	U	U	ug/L	51.88	155.64	1311/8270D	02/09 09:00	02/09 22:04	MD
3-Nitroaniline	U	U	ug/L	72.36	217.08	1311/8270D	02/09 09:00	02/09 22:04	MD
4-Nitroaniline	U	U	ug/L	66.40	199.20	1311/8270D	02/09 09:00	02/09 22:04	MD
Carbazole -	U	U	ug/L	2.26	6.78	1311/8270D	02/09 09:00	02/09 22:04	MD
2,6-Dichlorophenol	U	U	ug/L	55.2	165.6	1311/8270D	02/09 09:00	02/09 22:04	MD
2,3,4,6-Tetrachlorophenol	U	U	ug/L	52.85	158.55	1311/8270D	02/09 09:00	02/09 22:04	MD
2,3,5,6-Tetrachlorophenol	U	U	ug/L	3.23	9.69	1311/8270D	02/09 09:00	02/09 22:04	MD
Pyridine	U	U	ug/L	6.96	20.88	1311/8270D	02/09 09:00	02/09 22:04	MD

Unless indicated, soil results are reported based on actual (wet) weight basis.

Analytes not currently NELAC certified denoted by -.
 Work performed by outside (subcontract) labs denoted by Cert.ID in Analyst Field.
 Results relate only to this sample.
 QC=Qualifier Codes as defined by DEP 62-160
 U=Analyzed for but not detected.
 Q=Sample held beyond accepted holding time.
 I=Value is between MDL and PQL.
 J=Estimated value.


 Authorized CSM Signature (954) 978-6400
 Florida-Spectrum Environmental Services, Inc.
 Certification # E86006

Report To:
 Ted Bowdler
 Palm Beach Resource Recovery
 6501 North Jog Road
 West Palm Beach, FL 33412

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 Submission # 1102000155
 Order # 51198

Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1B
 Collected: 02/04/11 12:35
 Received: 02/04/11 16:45
 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 16:00	02/07 15:30	EN
6010.B TCLP RCRA-7 Metals (No Mercury) by ICP					Dilution Factor =1				
Arsenic, TCLP	0.014		mg/L	0.0012	0.0036	1311/6010B	02/07 16:00	02/08 13:39	IMN
Barium, TCLP	0.409		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:39	IMN
Cadmium, TCLP	0.591		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:39	IMN
Chromium, TCLP	0.003		mg/L	0.0008	0.0024	1311/6010B	02/07 16:00	02/08 13:39	IMN
Selenium, TCLP	U	U	mg/L	0.0022	0.0066	1311/6010B	02/07 16:00	02/08 13:39	IMN
Silver, TCLP	U	U	mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:39	IMN
Lead, TCLP	1.076		mg/L	0.0011	0.0033	1311/6010B	02/07 16:00	02/08 13:39	IMN
Mercury, TCLP (Cold Vapor AA)	U	U	mg/L	0.00010	0.00030	1311/7471A	02/09	02/09 16:37	EN
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 15:00	02/09 22:41	MD
TCLP Extraction Procedure	FLUID#1					1311 Ext.	02/11 15:22	02/12 09:30	MAZ
8081A TCLP: Chlorinated Pesticides					Dilution Factor =1				
a-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:05	02/11 15:05	AC
b-BHC	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:05	02/11 15:05	AC
g-BHC (lindane)	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:05	02/11 15:05	AC
d-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:05	02/11 15:05	AC
Heptachlor	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:05	02/11 15:05	AC

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Aldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:05	02/11 15:05	AC
Heptachlor Epoxide	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:05	02/11 15:05	AC
Endosulfan I	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:05	02/11 15:05	AC
Dieldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:05	02/11 15:05	AC
4,4-DDE	U	U	ug/L	0.017	0.051	1311-8081A	02/10 15:05	02/11 15:05	AC
Endrin	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:05	02/11 15:05	AC
Endosulfan II	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:05	02/11 15:05	AC
4,4-DDD	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:05	02/11 15:05	AC
Endrin Aldehyde	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:05	02/11 15:05	AC
Endosulfan Sulfate	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:05	02/11 15:05	AC
4,4-DDT	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:05	02/11 15:05	AC
Methoxychlor	U	U	ug/L	0.007	0.021	1311-8081A	02/10 15:05	02/11 15:05	AC
Toxaphene	U	U	ug/L	0.90	2.70	1311-8081A	02/10 15:05	02/11 15:05	AC
Chlordane	U	U	ug/L	0.10	0.30	1311-8081A	02/10 15:05	02/11 15:05	AC
8151 TCLP: Chlorophenoxy Herbicides						Dilution Factor =1			
2,4-D	U	U	ug/L	0.011	0.033	1311/515/8151	02/09 15:15	02/11 15:16	AC
2,4,5-TP (silvex)	U	U	ug/L	0.005	0.015	1311/515/8151	02/09 15:15	02/11 15:16	AC
8260B TCLP: Volatile Organics Full List-GC/MS						Dilution Factor =5			

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Acetone	U	U	ug/L	5.35	16.05	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Acrolein	U	U	ug/L	3.75	11.25	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Acrylonitrile	U	U	ug/L	2.05	6.15	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Dichlorodifluoromethane	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Chloromethane	U	U	ug/L	1.75	5.25	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Vinyl Chloride	U	U	ug/L	1.70	5.10	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Bromomethane	U	U	ug/L	2.05	6.15	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Chloroethane	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Trichlorofluoromethane	U	U	ug/L	2.35	7.05	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Methyl Ethyl Ketone	U	U	ug/L	3.75	11.25	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1-Dichloroethene	U	U	ug/L	4.75	14.25	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Methylene Chloride	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Trans-1,2-Dichloroethene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Methyl-Tert-Butyl Ether	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1-Dichloroethane	U	U	ug/L	2.65	7.95	1311/8260B	02/14 11:55	02/14 11:55	MAZ
2,2-Dichloropropane	U	U	ug/L	1.55	4.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Cis-1,2-Dichloroethene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Chloroform	U	U	ug/L	4.00	12.00	1311/8260B	02/14 11:55	02/14 11:55	MAZ

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Bromochloromethane	U	U	ug/L	2.75	8.25	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1,1-Trichloroethane	U	U	ug/L	1.25	3.75	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1-Dichloropropene	U	U	ug/L	0.35	1.05	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Carbon Tetrachloride	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Benzene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2-Dichloroethane	U	U	ug/L	1.20	3.60	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Trichloroethene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2-Dichloropropane	U	U	ug/L	1.00	3.00	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Bromodichloromethane	U	U	ug/L	1.20	3.60	1311/8260B	02/14 11:55	02/14 11:55	MAZ
2-Chloroethylvinyl Ether	U	U	ug/L	3.80	11.40	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Dibromomethane	U	U	ug/L	2.10	6.30	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Cis-1,3-Dichloropropene	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Toluene	U	U	ug/L	0.70	2.10	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Trans-1,3-Dichloropropene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1,2-Trichloroethane	U	U	ug/L	1.80	5.40	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,3-Dichloropropane	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Tetrachloroethene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Dibromochloromethane	U	U	ug/L	1.95	5.85	1311/8260B	02/14 11:55	02/14 11:55	MAZ

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
1,2-Dibromoethane (EDB)	U	U	ug/L	2.00	6.00	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Bromobenzene	U	U	ug/L	2.30	6.90	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Chlorobenzene	U	U	ug/L	0.45	1.35	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Ethylbenzene	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1,1,2-Tetrachloroethane	U	U	ug/L	1.85	5.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ
m & p-Xylene	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:55	02/14 11:55	MAZ
o-Xylene	U	U	ug/L	0.95	2.85	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Styrene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Isopropylbenzene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Bromoform	U	U	ug/L	1.90	5.70	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,1,2,2-Tetrachloroethane	U	U	ug/L	1.45	4.35	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2,3-Trichloropropane	U	U	ug/L	1.15	3.45	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,3,5-Trimethylbenzene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
2-Chlorotoluene	U	U	ug/L	0.65	1.95	1311/8260B	02/14 11:55	02/14 11:55	MAZ
4-Chlorotoluene	U	U	ug/L	0.80	2.40	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Tert-Butylbenzene	U	U	ug/L	0.80	2.40	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2,4-Trimethylbenzene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Sec-Butylbenzene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ

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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
P-Isopropyltoluene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,3-Dichlorobenzene	U	U	ug/L	1.00	3.00	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,4-Dichlorobenzene	U	U	ug/L	0.70	2.10	1311/8260B	02/14 11:55	02/14 11:55	MAZ
n-Butylbenzene	U	U	ug/L	1.10	3.30	1311/8260B	02/14 11:55	02/14 11:55	MAZ
n-PropylBenzene	U	U	ug/L	0.85	2.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2-Dichlorobenzene	U	U	ug/L	2.40	7.20	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2-Dibromo-3-Chloropropane (DBCP)	U	U	ug/L	1.50	4.50	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2,4-Trichlorobenzene	U	U	ug/L	4.10	12.30	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Hexachlorobutadiene	U	U	ug/L	2.85	8.55	1311/8260B	02/14 11:55	02/14 11:55	MAZ
Naphthalene	U	U	ug/L	0.075	0.225	1311/8260B	02/14 11:55	02/14 11:55	MAZ
1,2,3-Trichlorobenzene	U	U	ug/L	6.35	19.05	1311/8260B	02/14 11:55	02/14 11:55	MAZ
8270D TCLP: Semivolatile Organics by GC/MS						Dilution Factor =3.33			
N-Nitrosodimethylamine	U	U	ug/L	44.46	133.38	1311/8270D	02/09 09:00	02/09 22:41	MD
Phenol	U	U	ug/L	48.85	146.55	1311/8270D	02/09 09:00	02/09 22:41	MD
Bis (2-Chloroethyl) Ether	U	U	ug/L	27.51	82.53	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Chlorophenol	U	U	ug/L	38.26	114.78	1311/8270D	02/09 09:00	02/09 22:41	MD
1,3-Dichlorobenzene	U	U	ug/L	46.82	140.46	1311/8270D	02/09 09:00	02/09 22:41	MD
1,4-Dichlorobenzene	U	U	ug/L	53.02	159.06	1311/8270D	02/09 09:00	02/09 22:41	MD

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PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Benzyl Alcohol	U	U	ug/L	51.25	153.75	1311/8270D	02/09 09:00	02/09 22:41	MD
1,2-Dichlorobenzene	U	U	ug/L	41.16	123.48	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Methyl Phenol (O-Cresol)	U	U	ug/L	48.62	145.86	1311/8270D	02/09 09:00	02/09 22:41	MD
Bis (2-Chloroisopropyl) Ether	U	U	ug/L	42.42	127.26	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Methyl Phenol (P-Cresol)	U	U	ug/L	6.49	19.47	1311/8270D	02/09 09:00	02/09 22:41	MD
3-Methyl Phenol (M-Cresol)	U	U	ug/L	43.12	129.36	1311/8270D	02/09 09:00	02/09 22:41	MD
N-Nitrosodi-N-Propylamine	U	U	ug/L	42.96	128.88	1311/8270D	02/09 09:00	02/09 22:41	MD
Hexachloroethane	U	U	ug/L	35.20	105.60	1311/8270D	02/09 09:00	02/09 22:41	MD
Nitrobenzene	U	U	ug/L	48.32	144.96	1311/8270D	02/09 09:00	02/09 22:41	MD
Isophorone	U	U	ug/L	53.01	159.03	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Nitrophenol	U	U	ug/L	58.18	174.54	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4-Dimethylphenol	U	U	ug/L	41.63	124.89	1311/8270D	02/09 09:00	02/09 22:41	MD
Bis (2-Chloroethoxy)methane	U	U	ug/L	36.60	109.80	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4-Dichlorophenol	U	U	ug/L	62.64	187.92	1311/8270D	02/09 09:00	02/09 22:41	MD
1,2,3-Trichlorobenzene	U	U	ug/L	10.66	31.98	1311/8270D	02/09 09:00	02/09 22:41	MD
1,2,4-Trichlorobenzene	U	U	ug/L	52.45	157.35	1311/8270D	02/09 09:00	02/09 22:41	MD
Naphthalene	U	U	ug/L	0.05	0.15	1311/8270D	02/09 09:00	02/09 22:41	MD
Hexachlorobutadiene	U	U	ug/L	38.76	116.28	1311/8270D	02/09 09:00	02/09 22:41	MD

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4-Chloro-3-Methylphenol	U	U	ug/L	58.21	174.63	1311/8270D	02/09 09:00	02/09 22:41	MD
1-Methylnaphthalene	U	U	ug/L	1.20	3.60	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Methylnaphthalene	U	U	ug/L	0.08	0.24	1311/8270D	02/09 09:00	02/09 22:41	MD
Hexachlorocyclopentadiene	U	U	ug/L	5.73	17.19	1311/8270D	02/09 09:00	02/09 22:41	MD
2,3,6-Trichlorophenol	U	U	ug/L	8.32	24.96	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4,5-Trichlorophenol	U	U	ug/L	56.78	170.34	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4,6-Trichlorophenol	U	U	ug/L	55.34	166.02	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Chloronaphthalene	U	U	ug/L	52.98	158.94	1311/8270D	02/09 09:00	02/09 22:41	MD
Dimethyl Phthalate	U	U	ug/L	54.05	162.15	1311/8270D	02/09 09:00	02/09 22:41	MD
Acenaphthylene	U	U	ug/L	0.05	0.15	1311/8270D	02/09 09:00	02/09 22:41	MD
2,6-Dinitrotoluene	U	U	ug/L	48.32	144.96	1311/8270D	02/09 09:00	02/09 22:41	MD
Acenaphthene	U	U	ug/L	0.06	0.18	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4-Dinitrophenol	U	U	ug/L	2.66	7.98	1311/8270D	02/09 09:00	02/09 22:41	MD
2,4-Dinitrotoluene	U	U	ug/L	60.64	181.92	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Nitrophenol	U	U	ug/L	5.66	16.98	1311/8270D	02/09 09:00	02/09 22:41	MD
Diethyl Phthalate	U	U	ug/L	38.79	116.37	1311/8270D	02/09 09:00	02/09 22:41	MD
Fluorene	U	U	ug/L	0.040	0.120	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Chlorophenyl Phenyl Ether	U	U	ug/L	61.04	183.12	1311/8270D	02/09 09:00	02/09 22:41	MD

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 Order # 51198

Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1B
 Collected: 02/04/11 12:35
 Received: 02/04/11 16:45
 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
4,6-Dinitro-2-Methylphenol	U	U	ug/L	5.56	16.68	1311/8270D	02/09 09:00	02/09 22:41	MD
N-Nitrosodiphenylamine	U	U	ug/L	44.42	133.26	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Bromophenyl Phenyl Ether	U	U	ug/L	46.95	140.85	1311/8270D	02/09 09:00	02/09 22:41	MD
Hexachlorobenzene	U	U	ug/L	35.30	105.90	1311/8270D	02/09 09:00	02/09 22:41	MD
Pentachlorophenol	U	U	ug/L	7.09	21.27	1311/8270D	02/09 09:00	02/09 22:41	MD
Phenanthrene	U	U	ug/L	48.385	145.155	1311/8270D	02/09 09:00	02/09 22:41	MD
Anthracene	U	U	ug/L	0.163	0.489	1311/8270D	02/09 09:00	02/09 22:41	MD
Di-N-Butyl Phthalate	U	U	ug/L	52.48	157.44	1311/8270D	02/09 09:00	02/09 22:41	MD
Fluoranthene	U	U	ug/L	0.083	0.249	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzidine	U	U	ug/L	21.74	65.22	1311/8270D	02/09 09:00	02/09 22:41	MD
Pyrene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:41	MD
Butyl Benzyl Phthalate	U	U	ug/L	58.28	174.84	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzo(A)Anthracene	U	U	ug/L	7.66	22.98	1311/8270D	02/09 09:00	02/09 22:41	MD
3,3-Dichlorobenzidine	U	U	ug/L	36.50	109.50	1311/8270D	02/09 09:00	02/09 22:41	MD
Chrysene	U	U	ug/L	2.50	7.50	1311/8270D	02/09 09:00	02/09 22:41	MD
Bis (2 Ethylhexyl) Phthalate	U	U	ug/L	78.89	236.67	1311/8270D	02/09 09:00	02/09 22:41	MD
Di-N-Octyl Phthalate	U	U	ug/L	58.81	176.43	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzo(B)Fluoranthene	U	U	ug/L	13.72	41.16	1311/8270D	02/09 09:00	02/09 22:41	MD

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Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1B
 Collected: 02/04/11 12:35
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 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Benzo(K)Fluoranthene	U	U	ug/L	0.083	0.249	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzo(A)Pyrene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:41	MD
Indeno(1,2,3-CD)Pyrene	U	U	ug/L	10.32	30.96	1311/8270D	02/09 09:00	02/09 22:41	MD
Dibenzo(A,H,)Anthracene	U	U	ug/L	8.06	24.18	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzo(G,H,I)Perylene	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:41	MD
Bis-2-ethylhexyl Adipate	U	U	ug/L	2.531	7.593	1311/8270D	02/09 09:00	02/09 22:41	MD
Aldrin ~	U	U	ug/L	0.057	0.171	1311/8270D	02/09 09:00	02/09 22:41	MD
α -BHC ~	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:41	MD
β -BHC ~	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:41	MD
γ -BHC ~	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:41	MD
δ -BHC (Lindane) ~	U	U	ug/L	0.01	0.03	1311/8270D	02/09 09:00	02/09 22:41	MD
Cresol ~	U	U	ug/L	5.0	15.0	1311/8270D	02/09 09:00	02/09 22:41	MD
Endrin ~	U	U	ug/L	0.619	1.857	1311/8270D	02/09 09:00	02/09 22:41	MD
Heptachlor ~	U	U	ug/L	2.60	7.80	1311/8270D	02/09 09:00	02/09 22:41	MD
Heptachlor Epoxide ~	U	U	ug/L	5.59	16.77	1311/8270D	02/09 09:00	02/09 22:41	MD
Chlordane ~	U	U	ug/L	3.3	9.9	1311/8270D	02/09 09:00	02/09 22:41	MD
4,4'-DDD ~	U	U	ug/L	2.10	6.30	1311/8270D	02/09 09:00	02/09 22:41	MD
4,4'-DDE ~	U	U	ug/L	1.30	3.90	1311/8270D	02/09 09:00	02/09 22:41	MD

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Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1B
 Collected: 02/04/11 12:35
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 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
4,4'-DDT ~	U	U	ug/L	2.30	6.90	1311/8270D	02/09 09:00	02/09 22:41	MD
Dieldrin ~	U	U	ug/L	2.797	8.391	1311/8270D	02/09 09:00	02/09 22:41	MD
Endosulfan I ~	U	U	ug/L	0.020	0.060	1311/8270D	02/09 09:00	02/09 22:41	MD
Endosulfan II ~	U	U	ug/L	0.020	0.060	1311/8270D	02/09 09:00	02/09 22:41	MD
Endosulfan Sulfate ~	U	U	ug/L	0.023	0.069	1311/8270D	02/09 09:00	02/09 22:41	MD
Endrin Aldehyde ~	U	U	ug/L	0.633	1.899	1311/8270D	02/09 09:00	02/09 22:41	MD
Toxaphene ~	U	U	ug/L	3.00	9.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1016 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1221 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1232 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1242 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1248 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1254 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
PCB-1260 ~	U	U	ug/L	1.00	3.00	1311/8270D	02/09 09:00	02/09 22:41	MD
Dioxin (Screen)	U	U	ug/L	0.10	0.30	1311/8270D	02/09 09:00	02/09 22:41	MD
Azobenzene ~	U	U	ug/L	2.50	7.50	1311/8270D	02/09 09:00	02/09 22:41	MD
Methoxychlor ~	U	U	ug/L	0.023	0.069	1311/8270D	02/09 09:00	02/09 22:41	MD
Benzoic Acid	U	U	ug/L	2.80	8.40	1311/8270D	02/09 09:00	02/09 22:41	MD

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Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 1B
 Collected: 02/04/11 12:35
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 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Aniline	U	U	ug/L	28.27	84.81	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Chloroaniline	U	U	ug/L	47.55	142.65	1311/8270D	02/09 09:00	02/09 22:41	MD
Dibenzofuran	U	U	ug/L	57.88	173.64	1311/8270D	02/09 09:00	02/09 22:41	MD
2-Nitroaniline	U	U	ug/L	51.88	155.64	1311/8270D	02/09 09:00	02/09 22:41	MD
3-Nitroaniline	U	U	ug/L	72.36	217.08	1311/8270D	02/09 09:00	02/09 22:41	MD
4-Nitroaniline	U	U	ug/L	66.40	199.20	1311/8270D	02/09 09:00	02/09 22:41	MD
Carbazole ~	U	U	ug/L	2.26	6.78	1311/8270D	02/09 09:00	02/09 22:41	MD
2,6-Dichlorophenol	U	U	ug/L	55.2	165.6	1311/8270D	02/09 09:00	02/09 22:41	MD
2,3,4,6-Tetrachlorophenol	U	U	ug/L	52.85	158.55	1311/8270D	02/09 09:00	02/09 22:41	MD
2,3,5,6-Tetrachlorophenol	U	U	ug/L	3.23	9.69	1311/8270D	02/09 09:00	02/09 22:41	MD
Pyridine	U	U	ug/L	6.96	20.88	1311/8270D	02/09 09:00	02/09 22:41	MD

Unless indicated, soil results are reported based on actual (wet) weight basis.

Analytes not currently NELAC certified denoted by ~.
 Work performed by outside (subcontract) labs denoted by Cert.ID in Analyst Field.
 Results relate only to this sample.
 QC=Qualifier Codes as defined by DEP 62-160
 U=Analyzed for but not detected.
 Q=Sample held beyond accepted holding time.
 I=Value is between MDL and PQL.
 J=Estimated value.


 Authorized CSM Signature (954) 978-6400
 Florida-Spectrum Environmental Services, Inc.
 Certification # E86006

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Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 2A
 Collected: 02/04/11 12:50
 Received: 02/04/11 16:45
 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 16:00	02/07 15:30	EN
6010.B TCLP RCRA-7 Metals (No Mercury) by ICP			Dilution Factor = 1						
Arsenic, TCLP	0.014		mg/L	0.0012	0.0036	1311/6010B	02/07 16:00	02/08 13:43	IMN
Barium, TCLP	0.404		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:43	IMN
Cadmium, TCLP	0.439		mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:43	IMN
Chromium, TCLP	0.004		mg/L	0.0008	0.0024	1311/6010B	02/07 16:00	02/08 13:43	IMN
Selenium, TCLP	U	U	mg/L	0.0022	0.0066	1311/6010B	02/07 16:00	02/08 13:43	IMN
Silver, TCLP	U	U	mg/L	0.0001	0.0003	1311/6010B	02/07 16:00	02/08 13:43	IMN
Lead, TCLP	0.542		mg/L	0.0011	0.0033	1311/6010B	02/07 16:00	02/08 13:43	IMN
Mercury, TCLP (Cold Vapor AA)	U	U	mg/L	0.00010	0.00030	1311/7471A	02/09	02/09 16:40	EN
TCLP Extraction Procedure	FLUID#2					1311 Ext.	02/07 15:00	02/09 23:19	MD
TCLP Extraction Procedure	FLUID#1					1311 Ext.	02/11 15:22	02/12 09:30	MAZ
8081A TCLP: Chlorinated Pesticides			Dilution Factor = 1						
a-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:06	02/11 15:06	AC
b-BHC	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:06	02/11 15:06	AC
g-BHC (lindane)	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:06	02/11 15:06	AC
d-BHC	U	U	ug/L	0.009	0.027	1311-8081A	02/10 15:06	02/11 15:06	AC
Heptachlor	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:06	02/11 15:06	AC

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Project: SWA N.County Resource WPB
 Site Location: 6501 North Jog Road, West Palm Beach, FL 33412
 Matrix: Solids

Sample I.D.: Day 2A
 Collected: 02/04/11 12:50
 Received: 02/04/11 16:45
 Collected by: Bevin Morris

LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Aldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:06	02/11 15:06	AC
Heptachlor Epoxide	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:06	02/11 15:06	AC
Endosulfan I	U	U	ug/L	0.012	0.036	1311-8081A	02/10 15:06	02/11 15:06	AC
Dieldrin	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:06	02/11 15:06	AC
4,4-DDE	U	U	ug/L	0.017	0.051	1311-8081A	02/10 15:06	02/11 15:06	AC
Endrin	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:06	02/11 15:06	AC
Endosulfan II	U	U	ug/L	0.014	0.042	1311-8081A	02/10 15:06	02/11 15:06	AC
4,4-DDD	U	U	ug/L	0.010	0.030	1311-8081A	02/10 15:06	02/11 15:06	AC
Endrin Aldehyde	U	U	ug/L	0.013	0.039	1311-8081A	02/10 15:06	02/11 15:06	AC
Endosulfan Sulfate	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:06	02/11 15:06	AC
4,4-DDT	U	U	ug/L	0.011	0.033	1311-8081A	02/10 15:06	02/11 15:06	AC
Methoxychlor	U	U	ug/L	0.007	0.021	1311-8081A	02/10 15:06	02/11 15:06	AC
Toxaphene	U	U	ug/L	0.90	2.70	1311-8081A	02/10 15:06	02/11 15:06	AC
Chlordane	U	U	ug/L	0.10	0.30	1311-8081A	02/10 15:06	02/11 15:06	AC
8151 TCLP: Chlorophenoxy Herbicides				Dilution Factor =1					
2,4-D	U	U	ug/L	0.011	0.033	1311/515/8151	02/09 15:16	02/11 15:16	AC
2,4,5-TP (silvex)	U	U	ug/L	0.005	0.015	1311/515/8151	02/09 15:16	02/11 15:16	AC
8260B TCLP: Volatile Organics Full List-GC/MS				Dilution Factor =5					

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Sample I.D.: Day 2A
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LABORATORY ANALYSIS REPORT

PARAMETER	RESULT	QC	UNITS	MDL	PQL	METHOD	DATE EXT.	DATE ANALY.	ANALYST
Acetone	U	U	ug/L	5.35	16.05	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Acrolein	U	U	ug/L	3.75	11.25	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Acrylonitrile	U	U	ug/L	2.05	6.15	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Dichlorodifluoromethane	U	U	ug/L	0.65	1.95	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Chloromethane	U	U	ug/L	1.75	5.25	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Vinyl Chloride	U	U	ug/L	1.70	5.10	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Bromomethane	U	U	ug/L	2.05	6.15	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Chloroethane	U	U	ug/L	0.85	2.55	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Trichlorofluoromethane	U	U	ug/L	2.35	7.05	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Methyl Ethyl Ketone	U	U	ug/L	3.75	11.25	1311/8260B	02/14 12:24	02/14 12:24	MAZ
1,1-Dichloroethene	U	U	ug/L	4.75	14.25	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Methylene Chloride	U	U	ug/L	2.50	7.50	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Trans-1,2-Dichloroethene	U	U	ug/L	2.50	7.50	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Methyl-Tert-Butyl Ether	U	U	ug/L	2.50	7.50	1311/8260B	02/14 12:24	02/14 12:24	MAZ
1,1-Dichloroethane	U	U	ug/L	2.65	7.95	1311/8260B	02/14 12:24	02/14 12:24	MAZ
2,2-Dichloropropane	U	U	ug/L	1.55	4.65	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Cis-1,2-Dichloroethene	U	U	ug/L	0.55	1.65	1311/8260B	02/14 12:24	02/14 12:24	MAZ
Chloroform	U	U	ug/L	4.00	12.00	1311/8260B	02/14 12:24	02/14 12:24	MAZ