Mallard, Inc.

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(850) 352-2299 • Fax (850) 352-2239

10801 N. Newport Avenue
Tampa, Florida 33612
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March 30, 2011

Mr. Ron O'Steen
O'Steen Brothers, Inc.
1006 S.E. 4th Street
Gainesville, FL 32601

RE: Soil Analytical Results for the O'Steen Brothers Mining Operation, 20125 S.W. Archer Road, Archer, FL

Dear Mr. O'Steen:

Attached, please find a copy of the laboratory data report of the soil samples I collected from the referenced facility on March 9, 2011.

As I expected given the cleanliness of the sand, the soil analytical results indicate that none of the parameters tested for in any of the samples was detected at concentrations above state (regulatory) soil cleanup target levels (SCTL's) and/or laboratory method detection limits. The soil analytical data is attached for your files. We will be contacting you in 2-3 months to provide backfill for our project in Gainesville. It was a pleasure meeting you.

Should you have any questions, please do not hesitate to contact me.

Sincerely,
Mallard, Inc.

Maura Clark

Maura Clark, P.G.
Vice President

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

Report Summary

Sunday March 20, 2011

Report Number: L505721
Samples Received: 03/10/11
Client Project:

Description: DOF Gainesville

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jimmy Hunt

Jimmy Hunt, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-01

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-1 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:25

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	96.			%		2540G	03/17/11	1
PP Volatile Organics								
Benzene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Bromodichloromethane	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Bromoform	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Bromomethane	U	0.0016	0.0052	mg/kg		8260B	03/12/11	1
Carbon tetrachloride	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Chlorobenzene	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Chlorodibromomethane	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
Chloroethane	U	0.0020	0.0052	mg/kg		8260B	03/12/11	1
2-Chloroethyl vinyl ether	U	0.018	0.052	mg/kg		8260B	03/12/11	1
Chloroform	U	0.00043	0.0052	mg/kg		8260B	03/12/11	1
Chloromethane	U	0.0010	0.0026	mg/kg		8260B	03/12/11	1
1,2-Dichlorobenzene	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
1,3-Dichlorobenzene	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
1,4-Dichlorobenzene	U	0.00035	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethane	U	0.00043	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloroethane	U	0.00038	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethene	U	0.00053	0.0010	mg/kg		8260B	03/12/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloropropane	U	0.00060	0.0010	mg/kg		8260B	03/12/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0010	mg/kg		8260B	03/12/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0010	mg/kg		8260B	03/12/11	1
Ethylbenzene	U	0.00032	0.0010	mg/kg		8260B	03/12/11	1
Methylene Chloride	U	0.00049	0.0052	mg/kg		8260B	03/12/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
Tetrachloroethene	U	0.00044	0.0010	mg/kg		8260B	03/14/11	1
Toluene	0.00042	0.00033	0.0052	mg/kg	J	8260B	03/12/11	1
1,1,1-Trichloroethane	U	0.00047	0.0010	mg/kg		8260B	03/12/11	1
1,1,2-Trichloroethane	U	0.00054	0.0010	mg/kg		8260B	03/12/11	1
Trichloroethene	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Vinyl chloride	U	0.00052	0.0010	mg/kg		8260B	03/12/11	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/12/11	1
Dibromofluoromethane	116.			% Rec.		8260B	03/12/11	1
4-Bromofluorobenzene	90.5			% Rec.		8260B	03/12/11	1
Petroleum Range Organics	U	3.3	10.	mg/kg		FLPRO	03/14/11	1
Surrogate Recovery								
o-Terphenyl	73.7			% Rec.		FLPRO	03/14/11	1
C35	93.8			% Rec.		FLPRO	03/14/11	1

Results listed are dry weight basis.
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MDL = Minimum Detection Limit = LOD
RDL = Reported Detection Limit = LOQ = PQL = EQL
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-01

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-1 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:25

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Base/Neutral Extractables								
Acenaphthene	U	0.0073	0.034	mg/kg		8270C	03/13/11	1
Acenaphthylene	U	0.0087	0.034	mg/kg		8270C	03/13/11	1
Anthracene	U	0.0074	0.034	mg/kg		8270C	03/13/11	1
Benzidine	U	0.046	0.35	mg/kg		8270C	03/13/11	1
Benzo(a)anthracene	U	0.0093	0.034	mg/kg		8270C	03/13/11	1
Benzo(b)fluoranthene	U	0.0098	0.034	mg/kg		8270C	03/13/11	1
Benzo(k)fluoranthene	U	0.0089	0.034	mg/kg		8270C	03/13/11	1
Benzo(g,h,i)perylene	U	0.0090	0.034	mg/kg		8270C	03/13/11	1
Benzo(a)pyrene	U	0.0085	0.034	mg/kg		8270C	03/13/11	1
Bis(2-chlorethoxy)methane	U	0.0077	0.35	mg/kg		8270C	03/13/11	1
Bis(2-chloroethyl)ether	U	0.012	0.35	mg/kg		8270C	03/13/11	1
Bis(2-chloroisopropyl)ether	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
4-Bromophenyl-phenylether	U	0.0092	0.35	mg/kg		8270C	03/13/11	1
2-Chloronaphthalene	U	0.0072	0.034	mg/kg		8270C	03/13/11	1
4-Chlorophenyl-phenylether	U	0.0069	0.35	mg/kg		8270C	03/13/11	1
Chrysene	U	0.013	0.034	mg/kg		8270C	03/13/11	1
Dibenz(a,h)anthracene	U	0.0068	0.034	mg/kg		8270C	03/13/11	1
3,3-Dichlorobenzidine	U	0.038	0.35	mg/kg		8270C	03/13/11	1
2,4-Dinitrotoluene	U	0.010	0.35	mg/kg		8270C	03/13/11	1
2,6-Dinitrotoluene	U	0.0088	0.35	mg/kg		8270C	03/13/11	1
Fluoranthene	U	0.011	0.034	mg/kg		8270C	03/13/11	1
Fluorene	U	0.0078	0.034	mg/kg		8270C	03/13/11	1
Hexachlorobenzene	U	0.0083	0.35	mg/kg		8270C	03/13/11	1
Hexachloro-1,3-butadiene	U	0.0076	0.35	mg/kg		8270C	03/13/11	1
Hexachlorocyclopentadiene	U	0.037	0.35	mg/kg		8270C	03/13/11	1
Hexachloroethane	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
Indeno(1,2,3-cd)pyrene	U	0.0073	0.034	mg/kg		8270C	03/13/11	1
Isophorone	U	0.0060	0.35	mg/kg		8270C	03/13/11	1
Naphthalene	U	0.0072	0.034	mg/kg		8270C	03/13/11	1
Nitrobenzene	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodimethylamine	U	0.10	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodiphenylamine	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodi-n-propylamine	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
Phenanthrene	U	0.0085	0.034	mg/kg		8270C	03/13/11	1
Benzylbutyl phthalate	U	0.023	0.35	mg/kg		8270C	03/13/11	1
Bis(2-ethylhexyl)phthalate	U	0.072	0.35	mg/kg		8270C	03/13/11	1
Di-n-butyl phthalate	U	0.018	0.35	mg/kg		8270C	03/13/11	1
Diethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/13/11	1
Dimethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/13/11	1
Di-n-octyl phthalate	U	0.023	0.35	mg/kg		8270C	03/13/11	1
Pyrene	U	0.010	0.034	mg/kg		8270C	03/13/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.35	mg/kg		8270C	03/13/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-01

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-1 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:25

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Acid Extractables								
4-Chloro-3-methylphenol	U	0.0092	0.35	mg/kg		8270C	03/13/11	1
2-Chlorophenol	U	0.0064	0.35	mg/kg		8270C	03/13/11	1
2,4-Dichlorophenol	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
2,4-Dimethylphenol	U	0.062	0.35	mg/kg		8270C	03/13/11	1
4,6-Dinitro-2-methylphenol	U	0.065	0.35	mg/kg		8270C	03/13/11	1
2,4-Dinitrophenol	U	0.069	0.35	mg/kg		8270C	03/13/11	1
2-Nitrophenol	U	0.012	0.35	mg/kg		8270C	03/13/11	1
4-Nitrophenol	U	0.064	0.35	mg/kg		8270C	03/13/11	1
Pentachlorophenol	U	0.048	0.35	mg/kg		8270C	03/13/11	1
Phenol	U	0.0063	0.35	mg/kg		8270C	03/13/11	1
2,4,6-Trichlorophenol	U	0.0089	0.35	mg/kg		8270C	03/13/11	1
Surrogate Recovery								
Nitrobenzene-d5	50.4			% Rec.		8270C	03/13/11	1
2-Fluorobiphenyl	74.7			% Rec.		8270C	03/13/11	1
p-Terphenyl-d14	94.8			% Rec.		8270C	03/13/11	1
Phenol-d5	64.0			% Rec.		8270C	03/13/11	1
2-Fluorophenol	59.8			% Rec.		8270C	03/13/11	1
2,4,6-Tribromophenol	69.7			% Rec.		8270C	03/13/11	1

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-02

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-2 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:45

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	96.			%		2540G	03/17/11	1
PP Volatile Organics								
Benzene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Bromodichloromethane	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Bromoform	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Bromomethane	U	0.0016	0.0052	mg/kg		8260B	03/12/11	1
Carbon tetrachloride	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Chlorobenzene	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Chlorodibromomethane	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
Chloroethane	U	0.0020	0.0052	mg/kg		8260B	03/12/11	1
2-Chloroethyl vinyl ether	U	0.018	0.052	mg/kg		8260B	03/12/11	1
Chloroform	U	0.00043	0.0052	mg/kg		8260B	03/12/11	1
Chloromethane	U	0.0010	0.0026	mg/kg		8260B	03/12/11	1
1,2-Dichlorobenzene	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
1,3-Dichlorobenzene	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
1,4-Dichlorobenzene	U	0.00035	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethane	U	0.00043	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloroethane	U	0.00038	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethene	U	0.00053	0.0010	mg/kg		8260B	03/12/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloropropane	U	0.00060	0.0010	mg/kg		8260B	03/12/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0010	mg/kg		8260B	03/12/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0010	mg/kg		8260B	03/12/11	1
Ethylbenzene	U	0.00032	0.0010	mg/kg		8260B	03/12/11	1
Methylene Chloride	U	0.00049	0.0052	mg/kg		8260B	03/12/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
Tetrachloroethene	U	0.00044	0.0010	mg/kg		8260B	03/12/11	1
Toluene	0.00046	0.00033	0.0052	mg/kg	J	8260B	03/12/11	1
1,1,1-Trichloroethane	U	0.00047	0.0010	mg/kg		8260B	03/12/11	1
1,1,2-Trichloroethane	U	0.00054	0.0010	mg/kg		8260B	03/12/11	1
Trichloroethene	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Vinyl chloride	U	0.00052	0.0010	mg/kg		8260B	03/12/11	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	03/12/11	1
Dibromofluoromethane	112.			% Rec.		8260B	03/12/11	1
4-Bromofluorobenzene	90.4			% Rec.		8260B	03/12/11	1
Petroleum Range Organics	U	3.3	10.	mg/kg		FLPRO	03/14/11	1
Surrogate Recovery								
o-Terphenyl	92.2			% Rec.		FLPRO	03/14/11	1
C35	109.			% Rec.		FLPRO	03/14/11	1

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-02

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-2 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:45

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Base/Neutral Extractables								
Acenaphthene	U	0.0073	0.034	mg/kg		8270C	03/13/11	1
Acenaphthylene	U	0.0087	0.034	mg/kg		8270C	03/13/11	1
Anthracene	U	0.0074	0.034	mg/kg		8270C	03/13/11	1
Benzidine	U	0.046	0.35	mg/kg		8270C	03/13/11	1
Benzo(a)anthracene	U	0.0093	0.034	mg/kg		8270C	03/13/11	1
Benzo(b)fluoranthene	U	0.0098	0.034	mg/kg		8270C	03/13/11	1
Benzo(k)fluoranthene	U	0.0089	0.034	mg/kg		8270C	03/13/11	1
Benzo(g,h,i)perylene	U	0.0090	0.034	mg/kg		8270C	03/13/11	1
Benzo(a)pyrene	U	0.0085	0.034	mg/kg		8270C	03/13/11	1
Bis(2-chlorethoxy)methane	U	0.0077	0.35	mg/kg		8270C	03/13/11	1
Bis(2-chloroethyl)ether	U	0.012	0.35	mg/kg		8270C	03/13/11	1
Bis(2-chloroisopropyl)ether	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
4-Bromophenyl-phenylether	U	0.0092	0.35	mg/kg		8270C	03/13/11	1
2-Chloronaphthalene	U	0.0072	0.034	mg/kg		8270C	03/13/11	1
4-Chlorophenyl-phenylether	U	0.0069	0.35	mg/kg		8270C	03/13/11	1
Chrysene	U	0.013	0.034	mg/kg		8270C	03/13/11	1
Dibenz(a,h)anthracene	U	0.0068	0.034	mg/kg		8270C	03/13/11	1
3,3-Dichlorobenzidine	U	0.038	0.35	mg/kg		8270C	03/13/11	1
2,4-Dinitrotoluene	U	0.010	0.35	mg/kg		8270C	03/13/11	1
2,6-Dinitrotoluene	U	0.0088	0.35	mg/kg		8270C	03/13/11	1
Fluoranthene	U	0.011	0.034	mg/kg		8270C	03/13/11	1
Fluorene	U	0.0078	0.034	mg/kg		8270C	03/13/11	1
Hexachlorobenzene	U	0.0083	0.35	mg/kg		8270C	03/13/11	1
Hexachloro-1,3-butadiene	U	0.0076	0.35	mg/kg		8270C	03/13/11	1
Hexachlorocyclopentadiene	U	0.037	0.35	mg/kg		8270C	03/13/11	1
Hexachloroethane	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
Indeno(1,2,3-cd)pyrene	U	0.0073	0.034	mg/kg		8270C	03/13/11	1
Isophorone	U	0.0060	0.35	mg/kg		8270C	03/13/11	1
Naphthalene	U	0.0072	0.034	mg/kg		8270C	03/13/11	1
Nitrobenzene	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodimethylamine	U	0.10	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodiphenylamine	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
n-Nitrosodi-n-propylamine	U	0.0087	0.35	mg/kg		8270C	03/13/11	1
Phenanthrene	U	0.0085	0.034	mg/kg		8270C	03/13/11	1
Benzylbutyl phthalate	U	0.023	0.35	mg/kg		8270C	03/13/11	1
Bis(2-ethylhexyl)phthalate	U	0.072	0.35	mg/kg		8270C	03/13/11	1
Di-n-butyl phthalate	U	0.018	0.35	mg/kg		8270C	03/13/11	1
Diethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/13/11	1
Dimethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/13/11	1
Di-n-octyl phthalate	U	0.023	0.35	mg/kg		8270C	03/13/11	1
Pyrene	U	0.010	0.034	mg/kg		8270C	03/13/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.35	mg/kg		8270C	03/13/11	1

Results listed are dry weight basis.
U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD
RDL = Reported Detection Limit = LOQ = PQL = EQL
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-02

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-2 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 11:45

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Acid Extractables								
4-Chloro-3-methylphenol	U	0.0092	0.35	mg/kg		8270C	03/13/11	1
2-Chlorophenol	U	0.0064	0.35	mg/kg		8270C	03/13/11	1
2,4-Dichlorophenol	U	0.0074	0.35	mg/kg		8270C	03/13/11	1
2,4-Dimethylphenol	U	0.062	0.35	mg/kg		8270C	03/13/11	1
4,6-Dinitro-2-methylphenol	U	0.065	0.35	mg/kg		8270C	03/13/11	1
2,4-Dinitrophenol	U	0.069	0.35	mg/kg		8270C	03/13/11	1
2-Nitrophenol	U	0.012	0.35	mg/kg		8270C	03/13/11	1
4-Nitrophenol	U	0.064	0.35	mg/kg		8270C	03/13/11	1
Pentachlorophenol	U	0.048	0.35	mg/kg		8270C	03/13/11	1
Phenol	U	0.0063	0.35	mg/kg		8270C	03/13/11	1
2,4,6-Trichlorophenol	U	0.0089	0.35	mg/kg		8270C	03/13/11	1
Surrogate Recovery								
Nitrobenzene-d5	46.1			% Rec.		8270C	03/13/11	1
2-Fluorobiphenyl	65.6			% Rec.		8270C	03/13/11	1
p-Terphenyl-d14	81.1			% Rec.		8270C	03/13/11	1
Phenol-d5	54.1			% Rec.		8270C	03/13/11	1
2-Fluorophenol	50.8			% Rec.		8270C	03/13/11	1
2,4,6-Tribromophenol	58.6			% Rec.		8270C	03/13/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-03

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-3 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 12:10

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	95.			%		2540G	03/17/11	1
PP Volatile Organics								
Benzene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Bromodichloromethane	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Bromoform	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Bromomethane	U	0.0016	0.0052	mg/kg		8260B	03/12/11	1
Carbon tetrachloride	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
Chlorobenzene	U	0.00033	0.0010	mg/kg		8260B	03/12/11	1
Chlorodibromomethane	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
Chloroethane	U	0.0020	0.0052	mg/kg		8260B	03/12/11	1
2-Chloroethyl vinyl ether	U	0.018	0.052	mg/kg		8260B	03/12/11	1
Chloroform	U	0.00043	0.0052	mg/kg		8260B	03/12/11	1
Chloromethane	U	0.0010	0.0026	mg/kg		8260B	03/12/11	1
1,2-Dichlorobenzene	U	0.00031	0.0010	mg/kg		8260B	03/12/11	1
1,3-Dichlorobenzene	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
1,4-Dichlorobenzene	U	0.00035	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethane	U	0.00043	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloroethane	U	0.00038	0.0010	mg/kg		8260B	03/12/11	1
1,1-Dichloroethene	U	0.00053	0.0010	mg/kg		8260B	03/12/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0010	mg/kg		8260B	03/12/11	1
1,2-Dichloropropane	U	0.00060	0.0010	mg/kg		8260B	03/12/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0010	mg/kg		8260B	03/12/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0010	mg/kg		8260B	03/12/11	1
Ethylbenzene	U	0.00032	0.0010	mg/kg		8260B	03/12/11	1
Methylene Chloride	U	0.00049	0.0052	mg/kg		8260B	03/12/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0010	mg/kg		8260B	03/12/11	1
Tetrachloroethene	U	0.00044	0.0010	mg/kg		8260B	03/12/11	1
Toluene	0.00088	0.00033	0.0052	mg/kg	J	8260B	03/12/11	1
1,1,1-Trichloroethane	U	0.00047	0.0010	mg/kg		8260B	03/12/11	1
1,1,2-Trichloroethane	U	0.00054	0.0010	mg/kg		8260B	03/12/11	1
Trichloroethene	U	0.00034	0.0010	mg/kg		8260B	03/12/11	1
Vinyl chloride	U	0.00052	0.0010	mg/kg		8260B	03/12/11	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	03/12/11	1
Dibromofluoromethane	112.			% Rec.		8260B	03/12/11	1
4-Bromofluorobenzene	89.2			% Rec.		8260B	03/12/11	1
Petroleum Range Organics	U	3.3	10.	mg/kg		FLPRO	03/14/11	1
Surrogate Recovery								
o-Terphenyl	86.2			% Rec.		FLPRO	03/14/11	1
C35	109.			% Rec.		FLPRO	03/14/11	1

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-03

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-3 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 12:10

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Base/Neutral Extractables								
Acenaphthene	U	0.0073	0.035	mg/kg		8270C	03/14/11	1
Acenaphthylene	U	0.0087	0.035	mg/kg	J5	8270C	03/14/11	1
Anthracene	U	0.0074	0.035	mg/kg		8270C	03/14/11	1
Benzidine	U	0.046	0.35	mg/kg		8270C	03/14/11	1
Benzo(a)anthracene	U	0.0093	0.035	mg/kg		8270C	03/14/11	1
Benzo(b)fluoranthene	U	0.0098	0.035	mg/kg		8270C	03/14/11	1
Benzo(k)fluoranthene	U	0.0089	0.035	mg/kg		8270C	03/14/11	1
Benzo(g,h,i)perylene	U	0.0090	0.035	mg/kg		8270C	03/14/11	1
Benzo(a)pyrene	U	0.0085	0.035	mg/kg		8270C	03/14/11	1
Bis(2-chlorethoxy)methane	U	0.0077	0.35	mg/kg		8270C	03/14/11	1
Bis(2-chloroethyl)ether	U	0.012	0.35	mg/kg		8270C	03/14/11	1
Bis(2-chloroisopropyl)ether	U	0.0087	0.35	mg/kg		8270C	03/14/11	1
4-Bromophenyl-phenylether	U	0.0092	0.35	mg/kg	J5	8270C	03/14/11	1
2-Chloronaphthalene	U	0.0072	0.035	mg/kg		8270C	03/14/11	1
4-Chlorophenyl-phenylether	U	0.0069	0.35	mg/kg	J5	8270C	03/14/11	1
Chrysene	U	0.013	0.035	mg/kg		8270C	03/14/11	1
Dibenz(a,h)anthracene	U	0.0068	0.035	mg/kg		8270C	03/14/11	1
3,3-Dichlorobenzidine	U	0.038	0.35	mg/kg		8270C	03/14/11	1
2,4-Dinitrotoluene	U	0.010	0.35	mg/kg		8270C	03/14/11	1
2,6-Dinitrotoluene	U	0.0088	0.35	mg/kg		8270C	03/14/11	1
Fluoranthene	U	0.011	0.035	mg/kg		8270C	03/14/11	1
Fluorene	U	0.0078	0.035	mg/kg		8270C	03/14/11	1
Hexachlorobenzene	U	0.0083	0.35	mg/kg		8270C	03/14/11	1
Hexachloro-1,3-butadiene	U	0.0076	0.35	mg/kg		8270C	03/14/11	1
Hexachlorocyclopentadiene	U	0.037	0.35	mg/kg		8270C	03/14/11	1
Hexachloroethane	U	0.0074	0.35	mg/kg		8270C	03/14/11	1
Indeno(1,2,3-cd)pyrene	U	0.0073	0.035	mg/kg		8270C	03/14/11	1
Isophorone	U	0.0060	0.35	mg/kg		8270C	03/14/11	1
Naphthalene	U	0.0072	0.035	mg/kg		8270C	03/14/11	1
Nitrobenzene	U	0.0074	0.35	mg/kg		8270C	03/14/11	1
n-Nitrosodimethylamine	U	0.10	0.35	mg/kg		8270C	03/14/11	1
n-Nitrosodiphenylamine	U	0.0087	0.35	mg/kg		8270C	03/14/11	1
n-Nitrosodi-n-propylamine	U	0.0087	0.35	mg/kg		8270C	03/14/11	1
Phenanthrene	U	0.0085	0.035	mg/kg		8270C	03/14/11	1
Benzylbutyl phthalate	U	0.023	0.35	mg/kg		8270C	03/14/11	1
Bis(2-ethylhexyl)phthalate	U	0.072	0.35	mg/kg		8270C	03/14/11	1
Di-n-butyl phthalate	U	0.018	0.35	mg/kg		8270C	03/14/11	1
Diethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/14/11	1
Dimethyl phthalate	U	0.0068	0.35	mg/kg		8270C	03/14/11	1
Di-n-octyl phthalate	U	0.023	0.35	mg/kg		8270C	03/14/11	1
Pyrene	U	0.010	0.035	mg/kg		8270C	03/14/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.35	mg/kg		8270C	03/14/11	1

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-03

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BF-3 1.5 FT

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 12:10

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
PP Acid Extractables								
4-Chloro-3-methylphenol	U	0.0092	0.35	mg/kg		8270C	03/14/11	1
2-Chlorophenol	U	0.0064	0.35	mg/kg		8270C	03/14/11	1
2,4-Dichlorophenol	U	0.0074	0.35	mg/kg		8270C	03/14/11	1
2,4-Dimethylphenol	U	0.062	0.35	mg/kg		8270C	03/14/11	1
4,6-Dinitro-2-methylphenol	U	0.065	0.35	mg/kg		8270C	03/14/11	1
2,4-Dinitrophenol	U	0.069	0.35	mg/kg		8270C	03/14/11	1
2-Nitrophenol	U	0.012	0.35	mg/kg		8270C	03/14/11	1
4-Nitrophenol	U	0.064	0.35	mg/kg		8270C	03/14/11	1
Pentachlorophenol	U	0.048	0.35	mg/kg		8270C	03/14/11	1
Phenol	U	0.0063	0.35	mg/kg		8270C	03/14/11	1
2,4,6-Trichlorophenol	U	0.0089	0.35	mg/kg		8270C	03/14/11	1
Surrogate Recovery								
Nitrobenzene-d5	57.3			% Rec.		8270C	03/14/11	1
2-Fluorobiphenyl	83.0			% Rec.		8270C	03/14/11	1
p-Terphenyl-d14	99.2			% Rec.		8270C	03/14/11	1
Phenol-d5	63.6			% Rec.		8270C	03/14/11	1
2-Fluorophenol	60.8			% Rec.		8270C	03/14/11	1
2,4,6-Tribromophenol	74.2			% Rec.		8270C	03/14/11	1

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REPORT OF ANALYSIS

Maura Clark
Mallard, Inc.
10801 North Newport Avenue
Tampa, FL 33612

March 20,2011

ESC Sample # : L505721-04

Date Received : March 10, 2011
Description : DOF Gainesville

Site ID : 018518094

Sample ID : BC-1

Project # :

Collected By : Maura Clark
Collection Date : 03/09/11 12:15

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	97.			%		2540G	03/17/11	1
Mercury	U	0.0015	0.021	mg/kg		7471	03/12/11	1
Arsenic	U	0.32	1.0	mg/kg		6010B	03/19/11	1
Barium	8.4	0.050	0.26	mg/kg		6010B	03/19/11	1
Cadmium	0.068	0.040	0.26	mg/kg	J	6010B	03/19/11	1
Chromium	1.6	0.085	0.52	mg/kg		6010B	03/19/11	1
Lead	0.70	0.090	0.26	mg/kg		6010B	03/19/11	1
Selenium	U	0.32	1.0	mg/kg		6010B	03/19/11	1
Silver	U	0.16	0.52	mg/kg		6010B	03/19/11	1

Results listed are dry weight basis.
U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD
RDL = Reported Detection Limit = LOQ = PQL = EQL
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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L505721-01	WG525654	SAMP	Toluene	R1609490	J
L505721-02	WG525654	SAMP	Toluene	R1609490	J
L505721-03	WG525514	SAMP	Acenaphthylene	R1608629	J5
	WG525514	SAMP	4-Bromophenyl-phenylether	R1608629	J5
	WG525514	SAMP	4-Chlorophenyl-phenylether	R1608629	J5
	WG525654	SAMP	Toluene	R1609490	J
L505721-04	WG525455	SAMP	Cadmium	R1617629	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Mallard, Inc.
Maura Clark
10801 North Newport Avenue

Tampa, FL 33612

Quality Assurance Report
Level II

L505721

March 20, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,2,4-Trichlorobenzene	< .333	mg/kg			WG525514	03/13/11 11:05
2,4,6-Trichlorophenol	< .333	mg/kg			WG525514	03/13/11 11:05
2,4-Dichlorophenol	< .333	mg/kg			WG525514	03/13/11 11:05
2,4-Dimethylphenol	< .333	mg/kg			WG525514	03/13/11 11:05
2,4-Dinitrophenol	< .333	mg/kg			WG525514	03/13/11 11:05
2,4-Dinitrotoluene	< .333	mg/kg			WG525514	03/13/11 11:05
2,6-Dinitrotoluene	< .333	mg/kg			WG525514	03/13/11 11:05
2-Chloronaphthalene	< .033	mg/kg			WG525514	03/13/11 11:05
2-Chlorophenol	< .333	mg/kg			WG525514	03/13/11 11:05
2-Nitrophenol	< .333	mg/kg			WG525514	03/13/11 11:05
3,3-Dichlorobenzidine	< .333	mg/kg			WG525514	03/13/11 11:05
4,6-Dinitro-2-methylphenol	< .333	mg/kg			WG525514	03/13/11 11:05
4-Bromophenyl-phenylether	< .333	mg/kg			WG525514	03/13/11 11:05
4-Chloro-3-methylphenol	< .333	mg/kg			WG525514	03/13/11 11:05
4-Chlorophenyl-phenylether	< .333	mg/kg			WG525514	03/13/11 11:05
4-Nitrophenol	< .333	mg/kg			WG525514	03/13/11 11:05
Acenaphthene	< .033	mg/kg			WG525514	03/13/11 11:05
Acenaphthylene	< .033	mg/kg			WG525514	03/13/11 11:05
Anthracene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzidine	< .333	mg/kg			WG525514	03/13/11 11:05
Benzo(a)anthracene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzo(a)pyrene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzo(b)fluoranthene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzo(g,h,i)perylene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzo(k)fluoranthene	< .033	mg/kg			WG525514	03/13/11 11:05
Benzylbutyl phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Bis(2-chlorethoxy)methane	< .333	mg/kg			WG525514	03/13/11 11:05
Bis(2-chloroethyl)ether	< .333	mg/kg			WG525514	03/13/11 11:05
Bis(2-chloroisopropyl)ether	< .333	mg/kg			WG525514	03/13/11 11:05
Bis(2-ethylhexyl)phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Chrysene	< .033	mg/kg			WG525514	03/13/11 11:05
Di-n-butyl phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Di-n-octyl phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Dibenz(a,h)anthracene	< .033	mg/kg			WG525514	03/13/11 11:05
Diethyl phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Dimethyl phthalate	< .333	mg/kg			WG525514	03/13/11 11:05
Fluoranthene	< .033	mg/kg			WG525514	03/13/11 11:05
Fluorene	< .033	mg/kg			WG525514	03/13/11 11:05
Hexachloro-1,3-butadiene	< .333	mg/kg			WG525514	03/13/11 11:05
Hexachlorobenzene	< .333	mg/kg			WG525514	03/13/11 11:05
Hexachlorocyclopentadiene	< .333	mg/kg			WG525514	03/13/11 11:05
Hexachloroethane	< .333	mg/kg			WG525514	03/13/11 11:05
Indeno(1,2,3-cd)pyrene	< .033	mg/kg			WG525514	03/13/11 11:05
Isophorone	< .333	mg/kg			WG525514	03/13/11 11:05
n-Nitrosodi-n-propylamine	< .333	mg/kg			WG525514	03/13/11 11:05
n-Nitrosodimethylamine	< .333	mg/kg			WG525514	03/13/11 11:05
n-Nitrosodiphenylamine	< .333	mg/kg			WG525514	03/13/11 11:05
Naphthalene	< .033	mg/kg			WG525514	03/13/11 11:05
Nitrobenzene	< .333	mg/kg			WG525514	03/13/11 11:05
Pentachlorophenol	< .333	mg/kg			WG525514	03/13/11 11:05
Phenanthrene	< .033	mg/kg			WG525514	03/13/11 11:05
Phenol	< .333	mg/kg			WG525514	03/13/11 11:05
Pyrene	< .033	mg/kg			WG525514	03/13/11 11:05
2,4,6-Tribromophenol		mg/kg	70.31	25-137	WG525514	03/13/11 11:05
2-Fluorobiphenyl		mg/kg	82.99	30-120	WG525514	03/13/11 11:05
2-Fluorophenol		mg/kg	60.81	26-130	WG525514	03/13/11 11:05
Nitrobenzene-d5		mg/kg	56.52	18-119	WG525514	03/13/11 11:05
Phenol-d5		mg/kg	68.21	37-141	WG525514	03/13/11 11:05
p-Terphenyl-d14		mg/kg	99.11	23-143	WG525514	03/13/11 11:05

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Est. 1970

Mallard, Inc.
Maura Clark
10801 North Newport Avenue

Tampa, FL 33612

Quality Assurance Report
Level II

L505721

March 20, 2011

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Mercury	< .02	mg/kg			WG525441	03/12/11 10:53
1,1,1-Trichloroethane	< .001	mg/kg			WG525654	03/12/11 03:15
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG525654	03/12/11 03:15
1,1,2-Trichloroethane	< .001	mg/kg			WG525654	03/12/11 03:15
1,1-Dichloroethane	< .001	mg/kg			WG525654	03/12/11 03:15
1,1-Dichloroethene	< .001	mg/kg			WG525654	03/12/11 03:15
1,2-Dichlorobenzene	< .001	mg/kg			WG525654	03/12/11 03:15
1,2-Dichloroethane	< .001	mg/kg			WG525654	03/12/11 03:15
1,2-Dichloropropane	< .001	mg/kg			WG525654	03/12/11 03:15
1,3-Dichlorobenzene	< .001	mg/kg			WG525654	03/12/11 03:15
1,4-Dichlorobenzene	< .001	mg/kg			WG525654	03/12/11 03:15
2-Chloroethyl vinyl ether	< .001	mg/kg			WG525654	03/12/11 03:15
Benzene	< .001	mg/kg			WG525654	03/12/11 03:15
Bromodichloromethane	< .001	mg/kg			WG525654	03/12/11 03:15
Bromoform	< .001	mg/kg			WG525654	03/12/11 03:15
Bromomethane	< .005	mg/kg			WG525654	03/12/11 03:15
Carbon tetrachloride	< .001	mg/kg			WG525654	03/12/11 03:15
Chlorobenzene	< .001	mg/kg			WG525654	03/12/11 03:15
Chlorodibromomethane	< .001	mg/kg			WG525654	03/12/11 03:15
Chloroethane	< .005	mg/kg			WG525654	03/12/11 03:15
Chloroform	< .005	mg/kg			WG525654	03/12/11 03:15
Chloromethane	< .0025	mg/kg			WG525654	03/12/11 03:15
cis-1,3-Dichloropropene	< .001	mg/kg			WG525654	03/12/11 03:15
Ethylbenzene	< .001	mg/kg			WG525654	03/12/11 03:15
Methylene Chloride	< .005	mg/kg			WG525654	03/12/11 03:15
Tetrachloroethene	< .001	mg/kg			WG525654	03/12/11 03:15
Toluene	< .005	mg/kg			WG525654	03/12/11 03:15
trans-1,2-Dichloroethene	< .001	mg/kg			WG525654	03/12/11 03:15
trans-1,3-Dichloropropene	< .001	mg/kg			WG525654	03/12/11 03:15
Trichloroethene	< .001	mg/kg			WG525654	03/12/11 03:15
Vinyl chloride	< .001	mg/kg			WG525654	03/12/11 03:15
4-Bromofluorobenzene		% Rec.	93.22	59-140	WG525654	03/12/11 03:15
Dibromofluoromethane		% Rec.	107.2	63-139	WG525654	03/12/11 03:15
Toluene-d8		% Rec.	99.89	84-116	WG525654	03/12/11 03:15
Petroleum Range Organics	< 10	ppm			WG525418	03/14/11 11:55
C35		% Rec.	115.8	61-136	WG525418	03/14/11 11:55
o-Terphenyl		% Rec.	96.86	50-150	WG525418	03/14/11 11:55
Tetrachloroethene	< .001	mg/kg			WG526010	03/14/11 13:10
4-Bromofluorobenzene		% Rec.	101.7	59-140	WG526010	03/14/11 13:10
Dibromofluoromethane		% Rec.	106.1	63-139	WG526010	03/14/11 13:10
Toluene-d8		% Rec.	103.7	84-116	WG526010	03/14/11 13:10
Total Solids	< .1	%			WG526129	03/17/11 09:28
Arsenic	< 1	mg/kg			WG525455	03/19/11 11:08
Barium	< .25	mg/kg			WG525455	03/19/11 11:08
Cadmium	< .25	mg/kg			WG525455	03/19/11 11:08
Chromium	< .5	mg/kg			WG525455	03/19/11 11:08
Lead	< .25	mg/kg			WG525455	03/19/11 11:08
Selenium	< 1	mg/kg			WG525455	03/19/11 11:08
Silver	< .5	mg/kg			WG525455	03/19/11 11:08

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Tampa, FL 33612

Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Mercury	mg/kg	0	0	0	20	L505650-01	WG525441
Total Solids	%	85.0	87.8	2.84	5	L505722-03	WG526129
Arsenic	mg/kg	0	0	0	20	L505735-05	WG525455
Barium	mg/kg	59.0	43.0	31.7*	20	L505735-05	WG525455
Cadmium	mg/kg	0	0	0	20	L505735-05	WG525455
Chromium	mg/kg	18.0	17.0	7.91	20	L505735-05	WG525455
Lead	mg/kg	2.80	3.00	6.19	20	L505735-05	WG525455
Silver	mg/kg	0	0	0	20	L505735-05	WG525455

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
1,2,4-Trichlorobenzene	mg/kg	.333	0.261	78.5	50-141	WG525514
2,4,6-Trichlorophenol	mg/kg	.333	0.294	88.3	46-110	WG525514
2,4-Dichlorophenol	mg/kg	.333	0.274	82.4	47-107	WG525514
2,4-Dimethylphenol	mg/kg	.333	0.250	75.2	55-173	WG525514
2,4-Dinitrophenol	mg/kg	.333	0.236	70.9	10-127	WG525514
2,4-Dinitrotoluene	mg/kg	.333	0.270	81.1	49-119	WG525514
2,6-Dinitrotoluene	mg/kg	.333	0.257	77.2	52-114	WG525514
2-Chloronaphthalene	mg/kg	.333	0.249	74.8	45-110	WG525514
2-Chlorophenol	mg/kg	.333	0.220	66.1	40-105	WG525514
2-Nitrophenol	mg/kg	.333	0.267	80.1	45-110	WG525514
3,3-Dichlorobenzidine	mg/kg	.333	0.216	64.9	31-105	WG525514
4,6-Dinitro-2-methylphenol	mg/kg	.333	0.207	62.1	20-117	WG525514
4-Bromophenyl-phenylether	mg/kg	.333	0.283	85.0	37-114	WG525514
4-Chloro-3-methylphenol	mg/kg	.333	0.257	77.2	47-110	WG525514
4-Chlorophenyl-phenylether	mg/kg	.333	0.313	94.0	50-116	WG525514
4-Nitrophenol	mg/kg	.333	0.249	74.7	30-119	WG525514
Acenaphthene	mg/kg	.333	0.269	80.8	41-114	WG525514
Acenaphthylene	mg/kg	.333	0.289	86.8	41-119	WG525514
Anthracene	mg/kg	.333	0.261	78.3	45-118	WG525514
Benzidine	mg/kg	.333	0.00108	0.325	0-13	WG525514
Benzo(a)anthracene	mg/kg	.333	0.281	84.3	44-118	WG525514
Benzo(a)pyrene	mg/kg	.333	0.290	87.2	44-116	WG525514
Benzo(b)fluoranthene	mg/kg	.333	0.277	83.2	37-122	WG525514
Benzo(g,h,i)perylene	mg/kg	.333	0.278	83.6	32-132	WG525514
Benzo(k)fluoranthene	mg/kg	.333	0.276	82.9	35-123	WG525514
Benzylbutyl phthalate	mg/kg	.333	0.272	81.8	47-130	WG525514
Bis(2-chlorethoxy)methane	mg/kg	.333	0.268	80.5	46-115	WG525514
Bis(2-chloroethyl)ether	mg/kg	.333	0.227	68.3	36-113	WG525514
Bis(2-chloroisopropyl)ether	mg/kg	.333	0.239	71.7	42-112	WG525514
Bis(2-ethylhexyl)phthalate	mg/kg	.333	0.277	83.3	46-131	WG525514
Chrysene	mg/kg	.333	0.260	78.0	44-118	WG525514
Di-n-butyl phthalate	mg/kg	.333	0.248	74.6	46-133	WG525514
Di-n-octyl phthalate	mg/kg	.333	0.303	91.1	42-130	WG525514
Dibenz(a,h)anthracene	mg/kg	.333	0.276	82.8	34-127	WG525514
Diethyl phthalate	mg/kg	.333	0.270	81.0	53-119	WG525514
Dimethyl phthalate	mg/kg	.333	0.266	79.8	54-116	WG525514
Fluoranthene	mg/kg	.333	0.291	87.3	45-122	WG525514
Fluorene	mg/kg	.333	0.279	83.8	43-118	WG525514
Hexachloro-1,3-butadiene	mg/kg	.333	0.314	94.4	56-134	WG525514
Hexachlorobenzene	mg/kg	.333	0.261	78.4	43-123	WG525514
Hexachlorocyclopentadiene	mg/kg	.333	0.280	84.1	20-113	WG525514
Hexachloroethane	mg/kg	.333	0.190	57.2	34-101	WG525514
Indeno(1,2,3-cd)pyrene	mg/kg	.333	0.283	85.1	35-128	WG525514

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Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Isophorone	mg/kg	.333	0.240	72.2	43-105	WG525514
n-Nitrosodi-n-propylamine	mg/kg	.333	0.216	65.0	37-121	WG525514
n-Nitrosodimethylamine	mg/kg	.333	0.185	55.5	25-132	WG525514
n-Nitrosodiphenylamine	mg/kg	.333	0.218	65.5	45-121	WG525514
Naphthalene	mg/kg	.333	0.244	73.4	32-144	WG525514
Nitrobenzene	mg/kg	.333	0.219	65.7	33-114	WG525514
Pentachlorophenol	mg/kg	.333	0.128	38.4	33-121	WG525514
Phenanthrene	mg/kg	.333	0.250	75.1	43-115	WG525514
Phenol	mg/kg	.333	0.231	69.3	43-106	WG525514
Pyrene	mg/kg	.333	0.277	83.3	41-123	WG525514
2,4,6-Tribromophenol				72.87	25-137	WG525514
2-Fluorobiphenyl				83.72	30-120	WG525514
2-Fluorophenol				70.78	26-130	WG525514
Nitrobenzene-d5				65.49	18-119	WG525514
Phenol-d5				71.37	37-141	WG525514
p-Terphenyl-d14				91.18	23-143	WG525514
Mercury	mg/kg	8.77	9.66	110.	71.6-127.7	WG525441
1,1,1-Trichloroethane	mg/kg	.025	0.0240	96.2	62-135	WG525654
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0319	128.	74-129	WG525654
1,1,2-Trichloroethane	mg/kg	.025	0.0276	110.	77-124	WG525654
1,1-Dichloroethane	mg/kg	.025	0.0247	98.9	61-134	WG525654
1,1-Dichloroethene	mg/kg	.025	0.0191	76.4	53-136	WG525654
1,2-Dichlorobenzene	mg/kg	.025	0.0262	105.	77-123	WG525654
1,2-Dichloroethane	mg/kg	.025	0.0282	113.	58-141	WG525654
1,2-Dichloropropane	mg/kg	.025	0.0287	115.	71-128	WG525654
1,3-Dichlorobenzene	mg/kg	.025	0.0253	101.	71-132	WG525654
1,4-Dichlorobenzene	mg/kg	.025	0.0235	94.0	72-123	WG525654
2-Chloroethyl vinyl ether	mg/kg	.125	0.0901	72.1	0-188	WG525654
Benzene	mg/kg	.025	0.0236	94.6	65-128	WG525654
Bromodichloromethane	mg/kg	.025	0.0295	118.	66-126	WG525654
Bromoform	mg/kg	.025	0.0271	108.	64-139	WG525654
Bromomethane	mg/kg	.025	0.0230	92.0	41-175	WG525654
Carbon tetrachloride	mg/kg	.025	0.0229	91.6	60-140	WG525654
Chlorobenzene	mg/kg	.025	0.0238	95.3	75-125	WG525654
Chlorodibromomethane	mg/kg	.025	0.0259	104.	72-137	WG525654
Chloroethane	mg/kg	.025	0.0222	88.7	44-159	WG525654
Chloroform	mg/kg	.025	0.0243	97.1	63-123	WG525654
Chloromethane	mg/kg	.025	0.0271	108.	42-149	WG525654
cis-1,3-Dichloropropene	mg/kg	.025	0.0264	105.	73-132	WG525654
Ethylbenzene	mg/kg	.025	0.0236	94.4	74-128	WG525654
Methylene Chloride	mg/kg	.025	0.0234	93.7	57-129	WG525654
Tetrachloroethene	mg/kg	.025	0.0225	90.1	65-135	WG525654
Toluene	mg/kg	.025	0.0236	94.5	70-120	WG525654
trans-1,2-Dichloroethene	mg/kg	.025	0.0223	89.3	61-133	WG525654
trans-1,3-Dichloropropene	mg/kg	.025	0.0276	111.	70-135	WG525654
Trichloroethene	mg/kg	.025	0.0241	96.6	71-126	WG525654
Vinyl chloride	mg/kg	.025	0.0235	94.0	50-151	WG525654
4-Bromofluorobenzene				94.96	59-140	WG525654
Dibromofluoromethane				105.4	63-139	WG525654
Toluene-d8				100.7	84-116	WG525654
Petroleum Range Organics	mg/kg	136	114.	84.0	63-153	WG525418
C35				103.7	61-136	WG525418
o-Terphenyl				86.99	60-112	WG525418

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Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Tetrachloroethene	mg/kg	.025	0.0263	105.	65-135	WG526010
4-Bromofluorobenzene				99.11	59-140	WG526010
Dibromofluoromethane				103.5	63-139	WG526010
Toluene-d8				103.4	84-116	WG526010
Total Solids	%	50	50.0	100.	85-155	WG526129
Arsenic	mg/kg	192	157.	81.8	78.6-120.8	WG525455
Barium	mg/kg	420	359.	85.5	78.8-121.4	WG525455
Cadmium	mg/kg	70.1	62.6	89.3	78.5-121.5	WG525455
Chromium	mg/kg	168	147.	87.5	80.4-120.2	WG525455
Lead	mg/kg	113	91.6	81.1	77.3-122.1	WG525455
Selenium	mg/kg	176	142.	80.7	75.6-125.0	WG525455
Silver	mg/kg	115	79.8	69.4	66-133.9	WG525455

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,2,4-Trichlorobenzene	mg/kg	0.272	0.261	82.0	50-141	3.95	46	WG525514
2,4,6-Trichlorophenol	mg/kg	0.306	0.294	92.0	46-110	3.86	32	WG525514
2,4-Dichlorophenol	mg/kg	0.282	0.274	85.0	47-107	2.84	30	WG525514
2,4-Dimethylphenol	mg/kg	0.267	0.250	80.0	55-173	6.37	59	WG525514
2,4-Dinitrophenol	mg/kg	0.268	0.236	80.0	10-127	12.8	58	WG525514
2,4-Dinitrotoluene	mg/kg	0.291	0.270	87.0	49-119	7.51	35	WG525514
2,6-Dinitrotoluene	mg/kg	0.284	0.257	85.0	52-114	9.80	31	WG525514
2-Chloronaphthalene	mg/kg	0.270	0.249	81.0	45-110	7.90	32	WG525514
2-Chlorophenol	mg/kg	0.236	0.220	71.0	40-105	6.98	33	WG525514
2-Nitrophenol	mg/kg	0.287	0.267	86.0	45-110	7.19	33	WG525514
3,3-Dichlorobenzidine	mg/kg	0.240	0.216	72.0	31-105	10.6	37	WG525514
4,6-Dinitro-2-methylphenol	mg/kg	0.231	0.207	69.0	20-117	11.0	49	WG525514
4-Bromophenyl-phenylether	mg/kg	0.303	0.283	91.0	37-114	6.62	38	WG525514
4-Chloro-3-methylphenol	mg/kg	0.266	0.257	80.0	47-110	3.58	32	WG525514
4-Chlorophenyl-phenylether	mg/kg	0.342	0.313	103.	50-116	8.95	33	WG525514
4-Nitrophenol	mg/kg	0.277	0.249	83.0	30-119	10.7	44	WG525514
Acenaphthene	mg/kg	0.284	0.269	85.0	41-114	5.28	37	WG525514
Acenaphthylene	mg/kg	0.314	0.289	94.0	41-119	8.32	39	WG525514
Anthracene	mg/kg	0.271	0.261	81.0	45-118	3.81	36	WG525514
Benzidine	mg/kg	0.00130	0.00108	0.00	0-13	18.3	50	WG525514
Benzo(a)anthracene	mg/kg	0.294	0.281	88.0	44-118	4.61	37	WG525514
Benzo(a)pyrene	mg/kg	0.322	0.290	96.0	44-116	10.2	36	WG525514
Benzo(b)fluoranthene	mg/kg	0.301	0.277	90.0	37-122	8.17	42	WG525514
Benzo(g,h,i)perylene	mg/kg	0.311	0.278	93.0	32-132	11.1	50	WG525514
Benzo(k)fluoranthene	mg/kg	0.310	0.276	93.0	35-123	11.7	44	WG525514
Benzylbutyl phthalate	mg/kg	0.297	0.272	89.0	47-130	8.65	42	WG525514
Bis(2-chlorethoxy)methane	mg/kg	0.285	0.268	86.0	46-115	6.33	34	WG525514
Bis(2-chloroethyl)ether	mg/kg	0.250	0.227	75.0	36-113	9.39	39	WG525514
Bis(2-chloroisopropyl)ether	mg/kg	0.245	0.239	74.0	42-112	2.49	35	WG525514
Bis(2-ethylhexyl)phthalate	mg/kg	0.308	0.277	92.0	46-131	10.5	43	WG525514
Chrysene	mg/kg	0.290	0.260	87.0	44-118	11.0	37	WG525514
Di-n-butyl phthalate	mg/kg	0.248	0.248	75.0	46-133	0.0485	44	WG525514
Di-n-octyl phthalate	mg/kg	0.335	0.303	100.	42-130	9.86	44	WG525514
Dibenz(a,h)anthracene	mg/kg	0.310	0.276	93.0	34-127	11.7	47	WG525514
Diethyl phthalate	mg/kg	0.300	0.270	90.0	53-119	10.6	33	WG525514
Dimethyl phthalate	mg/kg	0.303	0.266	91.0	54-116	13.2	31	WG525514
Fluoranthene	mg/kg	0.302	0.291	91.0	45-122	4.00	38	WG525514
Fluorene	mg/kg	0.296	0.279	89.0	43-118	6.08	38	WG525514
Hexachloro-1,3-butadiene	mg/kg	0.319	0.314	96.0	56-134	1.40	39	WG525514

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Est. 1970

Mallard, Inc.
Maura Clark
10801 North Newport Avenue

Tampa, FL 33612

Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Hexachlorobenzene	mg/kg	0.269	0.261	81.0	43-123	2.87	40	WG525514
Hexachlorocyclopentadiene	mg/kg	0.313	0.280	94.0	20-113	10.9	47	WG525514
Hexachloroethane	mg/kg	0.197	0.190	59.0	34-101	3.20	33	WG525514
Indeno(1,2,3-cd)pyrene	mg/kg	0.309	0.283	93.0	35-128	8.78	47	WG525514
Isophorone	mg/kg	0.256	0.240	77.0	43-105	6.41	31	WG525514
n-Nitrosodi-n-propylamine	mg/kg	0.234	0.216	70.0	37-121	7.97	42	WG525514
n-Nitrosodimethylamine	mg/kg	0.209	0.185	63.0	25-132	12.2	54	WG525514
n-Nitrosodiphenylamine	mg/kg	0.229	0.218	69.0	45-121	4.76	38	WG525514
Naphthalene	mg/kg	0.249	0.244	75.0	32-144	1.93	56	WG525514
Nitrobenzene	mg/kg	0.224	0.219	67.0	33-114	2.21	41	WG525514
Pentachlorophenol	mg/kg	0.137	0.128	41.0	33-121	6.59	44	WG525514
Phenanthrene	mg/kg	0.261	0.250	78.0	43-115	4.25	36	WG525514
Phenol	mg/kg	0.263	0.231	79.0	43-106	13.1	31	WG525514
Pyrene	mg/kg	0.306	0.277	92.0	41-123	9.71	41	WG525514
2,4,6-Tribromophenol				78.43	25-137			WG525514
2-Fluorobiphenyl				90.52	30-120			WG525514
2-Fluorophenol				74.91	26-130			WG525514
Nitrobenzene-d5				72.07	18-119			WG525514
Phenol-d5				78.02	37-141			WG525514
p-Terphenyl-d14				101.9	23-143			WG525514
1,1,1-Trichloroethane	mg/kg	0.0231	0.0240	92.0	62-135	4.07	20	WG525654
1,1,2,2-Tetrachloroethane	mg/kg	0.0305	0.0319	122.	74-129	4.66	20	WG525654
1,1,2-Trichloroethane	mg/kg	0.0266	0.0276	106.	77-124	3.91	20	WG525654
1,1-Dichloroethane	mg/kg	0.0244	0.0247	98.0	61-134	1.17	20	WG525654
1,1-Dichloroethene	mg/kg	0.0191	0.0191	76.0	53-136	0.130	20	WG525654
1,2-Dichlorobenzene	mg/kg	0.0253	0.0262	101.	77-123	3.50	20	WG525654
1,2-Dichloroethane	mg/kg	0.0275	0.0282	110.	58-141	2.44	20	WG525654
1,2-Dichloropropane	mg/kg	0.0282	0.0287	113.	71-128	1.91	20	WG525654
1,3-Dichlorobenzene	mg/kg	0.0238	0.0253	95.0	71-132	6.22	20	WG525654
1,4-Dichlorobenzene	mg/kg	0.0232	0.0235	93.0	72-123	1.30	20	WG525654
2-Chloroethyl vinyl ether	mg/kg	0.0783	0.0901	63.0	0-188	14.0	39	WG525654
Benzene	mg/kg	0.0228	0.0236	91.0	65-128	3.45	20	WG525654
Bromodichloromethane	mg/kg	0.0280	0.0295	112.	66-126	5.34	20	WG525654
Bromoform	mg/kg	0.0265	0.0271	106.	64-139	2.01	20	WG525654
Bromomethane	mg/kg	0.0225	0.0230	90.0	41-175	2.29	20	WG525654
Carbon tetrachloride	mg/kg	0.0222	0.0229	89.0	60-140	3.19	20	WG525654
Chlorobenzene	mg/kg	0.0232	0.0238	93.0	75-125	2.80	20	WG525654
Chlorodibromomethane	mg/kg	0.0252	0.0259	101.	72-137	2.78	20	WG525654
Chloroethane	mg/kg	0.0217	0.0222	87.0	44-159	2.01	20	WG525654
Chloroform	mg/kg	0.0235	0.0243	94.0	63-123	3.47	20	WG525654
Chloromethane	mg/kg	0.0260	0.0271	104.	42-149	4.02	20	WG525654
cis-1,3-Dichloropropene	mg/kg	0.0257	0.0264	103.	73-132	2.41	20	WG525654
Ethylbenzene	mg/kg	0.0229	0.0236	92.0	74-128	2.98	20	WG525654
Methylene Chloride	mg/kg	0.0228	0.0234	91.0	57-129	2.53	20	WG525654
Tetrachloroethene	mg/kg	0.0220	0.0225	88.0	65-135	2.17	20	WG525654
Toluene	mg/kg	0.0229	0.0236	92.0	70-120	2.97	20	WG525654
trans-1,2-Dichloroethene	mg/kg	0.0215	0.0223	86.0	61-133	3.61	20	WG525654
trans-1,3-Dichloropropene	mg/kg	0.0267	0.0276	107.	70-135	3.62	20	WG525654
Trichloroethene	mg/kg	0.0241	0.0241	96.0	71-126	0.330	20	WG525654
Vinyl chloride	mg/kg	0.0224	0.0235	90.0	50-151	4.72	20	WG525654
4-Bromofluorobenzene				93.19	59-140			WG525654
Dibromofluoromethane				104.1	63-139			WG525654
Toluene-d8				101.2	84-116			WG525654
Petroleum Range Organics	mg/kg	114.	114.	84.0	63-153	0.0937	20	WG525418
C35				90.71	61-136			WG525418

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Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
o-Terphenyl				85.53	60-112			
Tetrachloroethene	mg/kg	0.0280	0.0263	112.	65-135	6.46	20	WG526010
4-Bromofluorobenzene				100.8	59-140			WG526010
Dibromofluoromethane				102.7	63-139			WG526010
Toluene-d8				102.2	84-116			WG526010

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Mercury	mg/kg	0.230	0	.25	92.0	70-130	L505650-01	WG525441
1,1,1-Trichloroethane	mg/kg	0.108	0	.025	86.4	23-147	L505636-09	WG525654
1,1,2,2-Tetrachloroethane	mg/kg	0.128	0	.025	102.	18-150	L505636-09	WG525654
1,1,2-Trichloroethane	mg/kg	0.113	0	.025	90.2	35-140	L505636-09	WG525654
1,1-Dichloroethane	mg/kg	0.111	0	.025	88.4	24-148	L505636-09	WG525654
1,1-Dichloroethene	mg/kg	0.0888	0	.025	71.0	10-149	L505636-09	WG525654
1,2-Dichlorobenzene	mg/kg	0.106	0	.025	84.9	12-130	L505636-09	WG525654
1,2-Dichloroethane	mg/kg	0.119	0	.025	95.5	21-155	L505636-09	WG525654
1,2-Dichloropropane	mg/kg	0.124	0	.025	98.8	28-144	L505636-09	WG525654
1,3-Dichlorobenzene	mg/kg	0.0999	0	.025	79.9	10-129	L505636-09	WG525654
1,4-Dichlorobenzene	mg/kg	0.0983	0	.025	78.7	10-121	L505636-09	WG525654
2-Chloroethyl vinyl ether	mg/kg	0.357	0	.125	57.1	0-176	L505636-09	WG525654
Benzene	mg/kg	0.105	0	.025	84.0	16-143	L505636-09	WG525654
Bromodichloromethane	mg/kg	0.124	0	.025	98.8	27-139	L505636-09	WG525654
Bromoform	mg/kg	0.111	0	.025	88.6	21-144	L505636-09	WG525654
Bromomethane	mg/kg	0.104	0	.025	83.3	0-180	L505636-09	WG525654
Carbon tetrachloride	mg/kg	0.101	0	.025	80.9	12-149	L505636-09	WG525654
Chlorobenzene	mg/kg	0.0996	0	.025	79.7	17-134	L505636-09	WG525654
Chlorodibromomethane	mg/kg	0.107	0	.025	85.6	28-147	L505636-09	WG525654
Chloroethane	mg/kg	0.102	0	.025	81.3	0-172	L505636-09	WG525654
Chloroform	mg/kg	0.107	0	.025	85.9	28-138	L505636-09	WG525654
Chloromethane	mg/kg	0.122	0	.025	97.3	10-158	L505636-09	WG525654
cis-1,3-Dichloropropene	mg/kg	0.112	0	.025	89.5	17-145	L505636-09	WG525654
Ethylbenzene	mg/kg	0.101	0	.025	80.5	12-137	L505636-09	WG525654
Methylene Chloride	mg/kg	0.106	0	.025	85.0	12-149	L505636-09	WG525654
Tetrachloroethene	mg/kg	0.0972	0	.025	77.8	10-131	L505636-09	WG525654
Toluene	mg/kg	0.103	0	.025	82.0	12-136	L505636-09	WG525654
trans-1,2-Dichloroethene	mg/kg	0.100	0	.025	80.2	10-143	L505636-09	WG525654
trans-1,3-Dichloropropene	mg/kg	0.112	0	.025	89.3	16-147	L505636-09	WG525654
Trichloroethene	mg/kg	0.104	0	.025	82.9	10-155	L505636-09	WG525654
Vinyl chloride	mg/kg	0.106	0	.025	84.7	10-159	L505636-09	WG525654
4-Bromofluorobenzene					92.02	59-140		WG525654
Dibromofluoromethane					105.0	63-139		WG525654
Toluene-d8					100.6	84-116		WG525654
Petroleum Range Organics	mg/kg	99.5	4.80	136	69.6	41-101	L505654-08	WG525418
C35					79.88	61-136		WG525418
o-Terphenyl					74.48	60-112		WG525418
Tetrachloroethene	mg/kg	1.53	0	.025	125.	10-131	L505841-04	WG526010
4-Bromofluorobenzene					103.0	59-140		WG526010
Dibromofluoromethane					103.7	63-139		WG526010
Toluene-d8					104.2	84-116		WG526010
1,2,4-Trichlorobenzene	mg/kg	0.272	0	.333	81.7	37-104	L505721-03	WG525514

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Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
2,4,6-Trichlorophenol	mg/kg	0.280	0	.333	83.9	27-128	L505721-03	WG525514
2,4-Dichlorophenol	mg/kg	0.300	0	.333	90.0	39-116	L505721-03	WG525514
2,4-Dimethylphenol	mg/kg	0.237	0	.333	71.2	50-119	L505721-03	WG525514
2,4-Dinitrophenol	mg/kg	0.253	0	.333	76.0	10-123	L505721-03	WG525514
2,4-Dinitrotoluene	mg/kg	0.279	0	.333	83.8	52-121	L505721-03	WG525514
2,6-Dinitrotoluene	mg/kg	0.281	0	.333	84.4	53-114	L505721-03	WG525514
2-Chloronaphthalene	mg/kg	0.264	0	.333	79.2	52-101	L505721-03	WG525514
2-Chlorophenol	mg/kg	0.218	0	.333	65.4	41-112	L505721-03	WG525514
2-Nitrophenol	mg/kg	0.263	0	.333	78.9	23-117	L505721-03	WG525514
3,3-Dichlorobenzidine	mg/kg	0.229	0	.333	68.7	10-133	L505721-03	WG525514
4,6-Dinitro-2-methylphenol	mg/kg	0.216	0	.333	65.0	10-124	L505721-03	WG525514
4-Bromophenyl-phenylether	mg/kg	0.313	0	.333	93.9	37-103	L505721-03	WG525514
4-Chloro-3-methylphenol	mg/kg	0.263	0	.333	79.0	52-119	L505721-03	WG525514
4-Chlorophenyl-phenylether	mg/kg	0.344	0	.333	103.	53-105	L505721-03	WG525514
4-Nitrophenol	mg/kg	0.250	0	.333	75.2	15-140	L505721-03	WG525514
Acenaphthene	mg/kg	0.286	0	.333	86.0	52-102	L505721-03	WG525514
Acenaphthylene	mg/kg	0.318	0	.333	95.5	54-103	L505721-03	WG525514
Anthracene	mg/kg	0.286	0	.333	85.8	55-114	L505721-03	WG525514
Benzidine	mg/kg	0	0	.333	0	0-45	L505721-03	WG525514
Benzo(a)anthracene	mg/kg	0.294	0	.333	88.4	37-124	L505721-03	WG525514
Benzo(a)pyrene	mg/kg	0.321	0	.333	96.5	44-129	L505721-03	WG525514
Benzo(b)fluoranthene	mg/kg	0.309	0	.333	92.9	28-135	L505721-03	WG525514
Benzo(g,h,i)perylene	mg/kg	0.329	0	.333	98.9	25-123	L505721-03	WG525514
Benzo(k)fluoranthene	mg/kg	0.303	0	.333	90.9	41-116	L505721-03	WG525514
Benzylbutyl phthalate	mg/kg	0.286	0	.333	85.9	45-143	L505721-03	WG525514
Bis(2-chlorethoxy)methane	mg/kg	0.295	0	.333	88.7	48-108	L505721-03	WG525514
Bis(2-chloroethyl)ether	mg/kg	0.253	0	.333	76.1	36-115	L505721-03	WG525514
Bis(2-chloroisopropyl)ether	mg/kg	0.228	0	.333	68.4	44-109	L505721-03	WG525514
Bis(2-ethylhexyl)phthalate	mg/kg	0.310	0	.333	93.0	40-128	L505721-03	WG525514
Chrysene	mg/kg	0.294	0	.333	88.2	39-119	L505721-03	WG525514
Di-n-butyl phthalate	mg/kg	0.272	0	.333	81.6	49-121	L505721-03	WG525514
Di-n-octyl phthalate	mg/kg	0.338	0	.333	101.	40-132	L505721-03	WG525514
Dibenz(a,h)anthracene	mg/kg	0.334	0	.333	100.	29-123	L505721-03	WG525514
Diethyl phthalate	mg/kg	0.320	0	.333	96.0	51-113	L505721-03	WG525514
Dimethyl phthalate	mg/kg	0.296	0	.333	88.8	54-108	L505721-03	WG525514
Fluoranthene	mg/kg	0.303	0	.333	90.9	23-143	L505721-03	WG525514
Fluorene	mg/kg	0.296	0	.333	89.0	53-107	L505721-03	WG525514
Hexachloro-1,3-butadiene	mg/kg	0.330	0	.333	99.0	39-113	L505721-03	WG525514
Hexachlorobenzene	mg/kg	0.293	0	.333	88.0	49-108	L505721-03	WG525514
Hexachlorocyclopentadiene	mg/kg	0.280	0	.333	84.2	10-131	L505721-03	WG525514
Hexachloroethane	mg/kg	0.197	0	.333	59.2	25-118	L505721-03	WG525514
Indeno(1,2,3-cd)pyrene	mg/kg	0.329	0	.333	98.6	28-125	L505721-03	WG525514
Isophorone	mg/kg	0.265	0	.333	79.5	51-115	L505721-03	WG525514
n-Nitrosodi-n-propylamine	mg/kg	0.225	0	.333	67.5	54-110	L505721-03	WG525514
n-Nitrosodimethylamine	mg/kg	0.187	0	.333	56.0	20-116	L505721-03	WG525514
n-Nitrosodiphenylamine	mg/kg	0.240	0	.333	72.1	54-138	L505721-03	WG525514
Naphthalene	mg/kg	0.252	0	.333	75.8	41-100	L505721-03	WG525514
Nitrobenzene	mg/kg	0.233	0	.333	69.9	40-102	L505721-03	WG525514
Pentachlorophenol	mg/kg	0.154	0	.333	46.3	10-146	L505721-03	WG525514
Phenanthrene	mg/kg	0.272	0	.333	81.8	37-125	L505721-03	WG525514
Phenol	mg/kg	0.242	0	.333	72.6	52-111	L505721-03	WG525514
Pyrene	mg/kg	0.299	0	.333	89.8	22-151	L505721-03	WG525514
2,4,6-Tribromophenol					81.16	25-137		WG525514
2-Fluorobiphenyl					87.04	30-120		WG525514
2-Fluorophenol					66.46	26-130		WG525514
Nitrobenzene-d5					69.45	18-119		WG525514
Phenol-d5					71.53	37-141		WG525514
p-Terphenyl-d14					99.36	23-143		WG525514

* Performance of this Analyte is outside of established criteria.
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Tax I.D. 62-0814289

Est. 1970

Mallard, Inc.
Maura Clark
10801 North Newport Avenue

Tampa, FL 33612

Quality Assurance Report
Level II

L505721

March 20, 2011

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
		Matrix Spike						
Arsenic	mg/kg	40.5	0	50	81.0	75-125	L505735-05	WG525455
Barium	mg/kg	87.6	43.0	50	89.2	75-125	L505735-05	WG525455
Cadmium	mg/kg	43.5	0	50	87.0	75-125	L505735-05	WG525455
Chromium	mg/kg	60.4	17.0	50	86.8	75-125	L505735-05	WG525455
Lead	mg/kg	45.1	3.00	50	84.2	75-125	L505735-05	WG525455
Silver	mg/kg	43.2	0	50	86.4	75-125	L505735-05	WG525455

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
		Matrix Spike Duplicate							
Mercury	mg/kg	0.234	0.230	93.6	70-130	1.72	20	L505650-01	WG525441
1,1,1-Trichloroethane	mg/kg	0.111	0.108	88.5	23-147	2.39	32	L505636-09	WG525654
1,1,2,2-Tetrachloroethane	mg/kg	0.143	0.128	115.	18-150	11.2	33	L505636-09	WG525654
1,1,2-Trichloroethane	mg/kg	0.124	0.113	99.2	35-140	9.50	29	L505636-09	WG525654
1,1-Dichloroethane	mg/kg	0.116	0.111	92.4	24-148	4.42	31	L505636-09	WG525654
1,1-Dichloroethene	mg/kg	0.0902	0.0888	72.1	10-149	1.50	34	L505636-09	WG525654
1,2-Dichlorobenzene	mg/kg	0.102	0.106	81.8	12-130	3.73	35	L505636-09	WG525654
1,2-Dichloroethane	mg/kg	0.127	0.119	102.	21-155	6.13	29	L505636-09	WG525654
1,2-Dichloropropane	mg/kg	0.131	0.124	105.	28-144	5.86	30	L505636-09	WG525654
1,3-Dichlorobenzene	mg/kg	0.101	0.0999	80.5	10-129	0.770	38	L505636-09	WG525654
1,4-Dichlorobenzene	mg/kg	0.0943	0.0983	75.4	10-121	4.23	36	L505636-09	WG525654
2-Chloroethyl vinyl ether	mg/kg	0.353	0.357	56.4	0-176	1.17	50	L505636-09	WG525654
Benzene	mg/kg	0.108	0.105	86.1	16-143	2.54	31	L505636-09	WG525654
Bromodichloromethane	mg/kg	0.127	0.124	102.	27-139	2.95	30	L505636-09	WG525654
Bromoform	mg/kg	0.119	0.111	95.0	21-144	6.98	34	L505636-09	WG525654
Bromomethane	mg/kg	0.109	0.104	87.2	0-180	4.59	41	L505636-09	WG525654
Carbon tetrachloride	mg/kg	0.103	0.101	82.6	12-149	2.04	34	L505636-09	WG525654
Chlorobenzene	mg/kg	0.106	0.0996	84.9	17-134	6.34	34	L505636-09	WG525654
Chlorodibromomethane	mg/kg	0.119	0.107	94.9	28-147	10.3	32	L505636-09	WG525654
Chloroethane	mg/kg	0.103	0.102	82.8	0-172	1.81	38	L505636-09	WG525654
Chloroform	mg/kg	0.111	0.107	89.0	28-138	3.52	30	L505636-09	WG525654
Chloromethane	mg/kg	0.125	0.122	99.7	10-158	2.42	35	L505636-09	WG525654
cis-1,3-Dichloropropene	mg/kg	0.118	0.112	94.0	17-145	4.90	32	L505636-09	WG525654
Ethylbenzene	mg/kg	0.107	0.101	86.0	12-137	6.59	36	L505636-09	WG525654
Methylene Chloride	mg/kg	0.109	0.106	87.1	12-149	2.44	31	L505636-09	WG525654
Tetrachloroethene	mg/kg	0.102	0.0972	81.5	10-131	4.62	35	L505636-09	WG525654
Toluene	mg/kg	0.106	0.103	84.6	12-136	3.07	32	L505636-09	WG525654
trans-1,2-Dichloroethene	mg/kg	0.103	0.100	82.6	10-143	3.00	33	L505636-09	WG525654
trans-1,3-Dichloropropene	mg/kg	0.122	0.112	97.2	16-147	8.53	32	L505636-09	WG525654
Trichloroethene	mg/kg	0.107	0.104	85.4	10-155	3.01	33	L505636-09	WG525654
Vinyl chloride	mg/kg	0.108	0.106	86.7	10-159	2.38	36	L505636-09	WG525654
4-Bromofluorobenzene				97.25	59-140				WG525654
Dibromofluoromethane				105.1	63-139				WG525654
Toluene-d8				100.4	84-116				WG525654
Petroleum Range Organics	mg/kg	126.	99.5	89.3	41-101	23.7*	20	L505654-08	WG525418
C35				98.16	61-136				WG525418
o-Terphenyl				87.60	60-112				WG525418
Tetrachloroethene	mg/kg	1.34	1.53	109.	10-131	13.7	35	L505841-04	WG526010
4-Bromofluorobenzene				100.5	59-140				WG526010
Dibromofluoromethane				100.3	63-139				WG526010
Toluene-d8				102.6	84-116				WG526010

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Level II

L505721

March 20, 2011

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,2,4-Trichlorobenzene	mg/kg	0.299	0.272	89.8	37-104	9.40	26	L505721-03	WG525514
2,4,6-Trichlorophenol	mg/kg	0.319	0.280	95.7	27-128	13.1	31	L505721-03	WG525514
2,4-Dichlorophenol	mg/kg	0.316	0.300	95.0	39-116	5.39	23	L505721-03	WG525514
2,4-Dimethylphenol	mg/kg	0.269	0.237	80.7	50-119	12.4	27	L505721-03	WG525514
2,4-Dinitrophenol	mg/kg	0.271	0.253	81.2	10-123	6.60	42	L505721-03	WG525514
2,4-Dinitrotoluene	mg/kg	0.313	0.279	94.0	52-121	11.4	23	L505721-03	WG525514
2,6-Dinitrotoluene	mg/kg	0.311	0.281	93.3	53-114	10.0	22	L505721-03	WG525514
2-Chloronaphthalene	mg/kg	0.294	0.264	88.2	52-101	10.7	20	L505721-03	WG525514
2-Chlorophenol	mg/kg	0.246	0.218	73.9	41-112	12.1	27	L505721-03	WG525514
2-Nitrophenol	mg/kg	0.290	0.263	87.2	23-117	10.0	31	L505721-03	WG525514
3,3-Dichlorobenzidine	mg/kg	0.263	0.229	79.1	10-133	14.1	41	L505721-03	WG525514
4,6-Dinitro-2-methylphenol	mg/kg	0.223	0.216	67.0	10-124	3.06	38	L505721-03	WG525514
4-Bromophenyl-phenylether	mg/kg	0.347	0.313	104.*	37-103	10.4	23	L505721-03	WG525514
4-Chloro-3-methylphenol	mg/kg	0.295	0.263	88.6	52-119	11.4	24	L505721-03	WG525514
4-Chlorophenyl-phenylether	mg/kg	0.383	0.344	115.*	53-105	10.7	20	L505721-03	WG525514
4-Nitrophenol	mg/kg	0.283	0.250	85.0	15-140	12.3	40	L505721-03	WG525514
Acenaphthene	mg/kg	0.307	0.286	92.1	52-102	6.84	23	L505721-03	WG525514
Acenaphthylene	mg/kg	0.347	0.318	104.*	54-103	8.78	22	L505721-03	WG525514
Anthracene	mg/kg	0.298	0.286	89.5	55-114	4.23	21	L505721-03	WG525514
Benzidine	mg/kg	0	0	0.00	0-45	0	50	L505721-03	WG525514
Benzo(a)anthracene	mg/kg	0.310	0.294	93.2	37-124	5.25	33	L505721-03	WG525514
Benzo(a)pyrene	mg/kg	0.361	0.321	108.	44-129	11.7	27	L505721-03	WG525514
Benzo(b)fluoranthene	mg/kg	0.339	0.309	102.	28-135	9.08	33	L505721-03	WG525514
Benzo(g,h,i)perylene	mg/kg	0.362	0.329	109.	25-123	9.59	35	L505721-03	WG525514
Benzo(k)fluoranthene	mg/kg	0.336	0.303	101.	41-116	10.3	34	L505721-03	WG525514
Benzylbutyl phthalate	mg/kg	0.329	0.286	98.9	45-143	14.1	39	L505721-03	WG525514
Bis(2-chlorethoxy)methane	mg/kg	0.318	0.295	95.4	48-108	7.32	23	L505721-03	WG525514
Bis(2-chloroethyl)ether	mg/kg	0.296	0.253	88.8	36-115	15.4	30	L505721-03	WG525514
Bis(2-chloroisopropyl)ether	mg/kg	0.266	0.228	79.8	44-109	15.3	27	L505721-03	WG525514
Bis(2-ethylhexyl)phthalate	mg/kg	0.366	0.310	110.	40-128	16.7	34	L505721-03	WG525514
Chrysene	mg/kg	0.315	0.294	94.6	39-119	6.92	31	L505721-03	WG525514
Di-n-butyl phthalate	mg/kg	0.312	0.272	93.6	49-121	13.7	22	L505721-03	WG525514
Di-n-octyl phthalate	mg/kg	0.388	0.338	116.	40-132	13.9	27	L505721-03	WG525514
Dibenz(a,h)anthracene	mg/kg	0.363	0.334	109.	29-123	8.31	30	L505721-03	WG525514
Diethyl phthalate	mg/kg	0.350	0.320	105.	51-113	9.00	21	L505721-03	WG525514
Dimethyl phthalate	mg/kg	0.332	0.296	99.6	54-108	11.4	23	L505721-03	WG525514
Fluoranthene	mg/kg	0.319	0.303	95.7	23-143	5.16	29	L505721-03	WG525514
Fluorene	mg/kg	0.328	0.296	98.4	53-107	9.97	22	L505721-03	WG525514
Hexachloro-1,3-butadiene	mg/kg	0.353	0.330	106.	39-113	6.71	26	L505721-03	WG525514
Hexachlorobenzene	mg/kg	0.310	0.293	93.2	49-108	5.68	27	L505721-03	WG525514
Hexachlorocyclopentadiene	mg/kg	0.316	0.280	94.8	10-131	11.9	39	L505721-03	WG525514
Hexachloroethane	mg/kg	0.217	0.197	65.3	25-118	9.76	35	L505721-03	WG525514
Indeno(1,2,3-cd)pyrene	mg/kg	0.363	0.329	109.	28-125	10.1	32	L505721-03	WG525514
Isophorone	mg/kg	0.292	0.265	87.7	51-115	9.80	22	L505721-03	WG525514
n-Nitrosodi-n-propylamine	mg/kg	0.259	0.225	77.6	54-110	14.0	23	L505721-03	WG525514
n-Nitrosodimethylamine	mg/kg	0.222	0.187	66.6	20-116	17.3	38	L505721-03	WG525514
n-Nitrosodiphenylamine	mg/kg	0.265	0.240	79.5	54-138	9.81	26	L505721-03	WG525514
Naphthalene	mg/kg	0.286	0.252	85.9	41-100	12.6	26	L505721-03	WG525514
Nitrobenzene	mg/kg	0.250	0.233	75.0	40-102	6.99	24	L505721-03	WG525514
Pentachlorophenol	mg/kg	0.168	0.154	50.5	10-146	8.71	35	L505721-03	WG525514
Phenanthrene	mg/kg	0.285	0.272	85.7	37-125	4.65	27	L505721-03	WG525514
Phenol	mg/kg	0.275	0.242	82.5	52-111	12.7	22	L505721-03	WG525514
Pyrene	mg/kg	0.339	0.299	102.	22-151	12.5	38	L505721-03	WG525514
2,4,6-Tribromophenol				89.34	25-137				WG525514
2-Fluorobiphenyl				98.67	30-120				WG525514
2-Fluorophenol				78.13	26-130				WG525514
Nitrobenzene-d5				77.15	18-119				WG525514
Phenol-d5				82.93	37-141				WG525514

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Level II

L505721

March 20, 2011

Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
p-Terphenyl-d14				109.6	23-143				
Arsenic	mg/kg	40.1	40.5	80.2	75-125	0.993	20	L505735-05	WG525455
Barium	mg/kg	98.2	87.6	110.	75-125	11.4	20	L505735-05	WG525455
Cadmium	mg/kg	43.1	43.5	86.2	75-125	0.924	20	L505735-05	WG525455
Chromium	mg/kg	59.6	60.4	85.2	75-125	1.33	20	L505735-05	WG525455
Lead	mg/kg	44.6	45.1	83.2	75-125	1.11	20	L505735-05	WG525455
Silver	mg/kg	43.7	43.2	87.4	75-125	1.15	20	L505735-05	WG525455

Batch number /Run number / Sample number cross reference

WG525514: R1608629: L505721-01 02 03
WG525441: R1608710: L505721-04
WG525654: R1609490: L505721-01 02 03
WG525418: R1610010: L505721-01 02 03
WG526010: R1610569: L505721-01
WG526129: R1615159: L505721-01 02 03 04
WG525455: R1617629: L505721-04

* * Calculations are performed prior to rounding of reported values.
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March 20, 2011

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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Billing information:

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Chain of Custody
Page 1 of 1

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B032

Report to: Maura Clark

Email: flduck@verizon.net

Project Description: DOF Gainesville

City/State Collected: Archer, FL

Phone: (813) 935-2073
FAX: (813) 935-3106

Client Project #:

Lab Project #: MALLARD-DOF-GAINESVI

Collected by (print): MAURA CLARK

Site/Facility ID#: 018518094

P.O.#:

Collected by (signature): Myama Clark

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Accnum: MALLARD (lab use only)
Template/Prelogin: T70003 P347729
Cooler #: 2-25-11 MC
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	FLPRO 4ozClr-NoPres	RCRA8 metals 2ozClr-NoPres	SV8270PP 4ozClr-NoPres	Screen for V8260PP 2ozClr-NoPres	TS 2ozClr-NoPres	V8260PP (MeOH) 40ml/SYR/DI/MEOH	V8260PP 40ml/SYR/DI/MEOH	Remarks/Contaminant	Sample # (lab only)
BF-1	Grab	SS	1.5'	3/9/11	1125	7	X		X	X	X	X	X		L505721-01
BF-2	Grab	SS	1.5'	3/9/11	1145	7	X		X	X	X	X	X		02
BF-3	Grab	SS	1.5'	3/9/11	1210	7	X		X	X	X	X	X		03
BC-1	Comp	SS		3/9/11	1215	2		X			X				04

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

435593162545

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
[signature]	3/25/11	4:15	Myama Clark 3/1/11		OK
Relinquished by: (Signature) Myama Clark	3/9/11	1515	Received by: (Signature)	Temp: 3.4 Bottles Received: 23+TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 3/10/11 Time: 0830	pH Checked: NCF: