



August 24, 2010

Brianna Bergen  
California Regional Water Quality Control Board  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

Subject: Background Native Soils  
Nursery Products Hawes Composting Facility  
San Bernardino County, California

Dear Ms Bergen:

Nursery Products is pleased to submit the background native soils analysis for the Hawes Composting Facility (Facility) in San Bernardino County, California. The background native soils analysis was required by the Lahontan Regional Water Quality Control Board (RWQCB) in Board Order number R6V-2010-0010. The background native soils were analyzed to determine background concentrations for the monitoring parameters and constituents of concern listed in Table 3 of Board Order number R6V-2010-0010. Sampling was completed in accordance with the Monitoring and Reporting Plan and Sampling and Analysis Plan that was submitted for the Facility. A hand auger was utilized to extract ten samples throughout the waste pile to a depth of 18-inches. The samples were composited in to one sample and delivered to the Test America laboratory. Attached is a report summary and laboratory analysis for the background native soils.

If you have any questions concerning this analysis, please feel free to call.

Sincerely,

*Chris Seney*

Chris Seney, P.E.

Nursery Products

Enclosures: Report Summary  
Background Native Soils Analysis

### Nursery Products Background Soils Laboratory Summary

Constituent	Test Method	Reporting Limit	Units	Analytical Result
<b>Metals</b>				
Aluminum	EPA 6010B	9.90	mg/kg	7000
Arsenic	EPA 6010B	2.00	mg/kg	3.7
Barium	EPA 6010B	0.99	mg/kg	48
Calcium	EPA 6010B	15.00	mg/kg	2700
Chromium	EPA 6010B	0.99	mg/kg	10
Cobalt	EPA 6010B	0.99	mg/kg	3.5
Copper	EPA 6010B	2.00	mg/kg	9.3
Iron	EPA 6010B	5.00	mg/kg	13000
Lead	EPA 6010B	2.00	mg/kg	65
Magnesium	EPA 6010B	9.90	mg/kg	3200
Manganese	EPA 6010B	0.99	mg/kg	190
Nickel	EPA 6010B	2.00	mg/kg	7.3
Phosphorus	EPA 6010B	5.00	mg/kg	480
Potassium	EPA 6010B	50.00	mg/kg	1900
Sodium	EPA 6010B	50.00	mg/kg	110
Vanadium	EPA 6010B	0.99	mg/kg	26
Zinc	EPA 6010B	5.00	mg/kg	25
<b>Inorganics</b>				
Alkalinity as CaCO <sub>3</sub>	SM2320B	100.00	mg/kg	850
Bicarbonate Alkalinity as CaCO <sub>3</sub>	SM2320B	100.00	mg/kg	850
Nitrate-N	EPA 300.0	1.10	mg/kg	1.6
Orthophosphate-PO <sub>4</sub>	EPA 300.0	5.00	mg/kg	6.5
Total Dissolved Solids	SM2540C	10.00	mg/kg	78
Redox Potential (Eh)	SM2580B	0.10	mV	380
pH	EPA 9045C	0.10	pH units	7.54
<b>Other</b>				
Percent Solids	2540G	NA	%	99.3
TKN	SM4500-Norg C	10	mg/kg	2,100

\*All other required testing was non detect.

## LABORATORY REPORT

Prepared For: Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project: Hawes Composting Facility

Sampled: 07/22/10  
Received: 07/22/10  
Issued: 08/17/10 15:48

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

**LABORATORY ID**  
ITG2074-01

**CLIENT ID**  
Background Soil

**MATRIX**  
Soil

Reviewed By:



**TestAmerica Irvine**

Lena Davidkova  
Project Manager

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Bromobenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Bromochloromethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Bromodichloromethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Bromoform	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Bromomethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
n-Butylbenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
sec-Butylbenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
tert-Butylbenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Carbon tetrachloride	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Chlorobenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Chloroethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Chloroform	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Chloromethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
2-Chlorotoluene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
4-Chlorotoluene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,2-Dibromo-3-chloropropane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
Dibromochloromethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,2-Dibromoethane (EDB)	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Dibromomethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,2-Dichlorobenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,3-Dichlorobenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,4-Dichlorobenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Dichlorodifluoromethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,1-Dichloroethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,2-Dichloroethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,1-Dichloroethene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
cis-1,2-Dichloroethene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
trans-1,2-Dichloroethene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,2-Dichloropropane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,3-Dichloropropane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
2,2-Dichloropropane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
cis-1,3-Dichloropropene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
trans-1,3-Dichloropropene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,1-Dichloropropene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Ethylbenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Hexachlorobutadiene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	M2
Isopropylbenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
p-Isopropyltoluene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Methylene chloride	EPA 8260B	10G3092	19	ND	0.928	7/28/2010	7/28/2010	
Naphthalene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	

### TestAmerica Irvine

Lena Davidkova  
Project Manager

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil) - cont.</b>								
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Styrene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,1,1,2-Tetrachloroethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,1,2,2-Tetrachloroethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Tetrachloroethene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Toluene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,2,3-Trichlorobenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,2,4-Trichlorobenzene	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,1,1-Trichloroethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,1,2-Trichloroethane	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Trichloroethene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Trichlorofluoromethane	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
1,2,3-Trichloropropane	EPA 8260B	10G3092	9.3	ND	0.928	7/28/2010	7/28/2010	
1,2,4-Trimethylbenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
1,3,5-Trimethylbenzene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Vinyl chloride	EPA 8260B	10G3092	4.6	ND	0.928	7/28/2010	7/28/2010	
m,p-Xylenes	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
o-Xylene	EPA 8260B	10G3092	1.9	ND	0.928	7/28/2010	7/28/2010	
Surrogate: 4-Bromofluorobenzene (80-120%)					92 %			
Surrogate: Dibromofluoromethane (80-125%)					105 %			
Surrogate: Toluene-d8 (80-120%)					102 %			

TestAmerica Irvine

Lena Davidkova  
Project Manager

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Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Acenaphthene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Acenaphthylene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Aniline	EPA 8270C	10G2835	420	ND	1	7/26/2010	7/26/2010	
Anthracene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzidine	EPA 8270C	10G2835	660	ND	1	7/26/2010	7/26/2010	M2
Benzo(a)anthracene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzo(a)pyrene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzo(b)fluoranthene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzo(g,h,i)perylene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzo(k)fluoranthene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Benzoic acid	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	M2
Benzyl alcohol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Bromophenyl phenyl ether	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Butyl benzyl phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Chloro-3-methylphenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Chloroaniline	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Bis(2-chloroethoxy)methane	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Bis(2-chloroethyl)ether	EPA 8270C	10G2835	170	ND	1	7/26/2010	7/26/2010	
Bis(2-chloroisopropyl)ether	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	C
Bis(2-ethylhexyl)phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Chloronaphthalene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Chlorophenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Chlorophenyl phenyl ether	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Chrysene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Dibenz(a,h)anthracene	EPA 8270C	10G2835	420	ND	1	7/26/2010	7/26/2010	
Dibenzofuran	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Di-n-butyl phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
1,2-Dichlorobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
1,3-Dichlorobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
1,4-Dichlorobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
3,3'-Dichlorobenzidine	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	
2,4-Dichlorophenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Diethyl phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2,4-Dimethylphenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Dimethyl phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4,6-Dinitro-2-methylphenol	EPA 8270C	10G2835	420	ND	1	7/26/2010	7/26/2010	
2,4-Dinitrophenol	EPA 8270C	10G2835	660	ND	1	7/26/2010	7/26/2010	M2
2,4-Dinitrotoluene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2,6-Dinitrotoluene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Di-n-octyl phthalate	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	

### TestAmerica Irvine

Lena Davidkova  
Project Manager

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil) - cont.</b>								
<b>Reporting Units: ug/kg</b>								
Fluoranthene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Fluorene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Hexachlorobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Hexachlorobutadiene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Hexachlorocyclopentadiene	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	
Hexachloroethane	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Indeno(1,2,3-cd)pyrene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Isophorone	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Methylnaphthalene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Methylphenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Methylphenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Naphthalene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Nitroaniline	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
3-Nitroaniline	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Nitroaniline	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	
Nitrobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2-Nitrophenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
4-Nitrophenol	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	
N-Nitroso-di-n-propylamine	EPA 8270C	10G2835	250	ND	1	7/26/2010	7/26/2010	
N-Nitrosodiphenylamine	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Pentachlorophenol	EPA 8270C	10G2835	830	ND	1	7/26/2010	7/26/2010	
Phenanthrene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Phenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Pyrene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
1,2,4-Trichlorobenzene	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2,4,5-Trichlorophenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
2,4,6-Trichlorophenol	EPA 8270C	10G2835	330	ND	1	7/26/2010	7/26/2010	
Surrogate: 2,4,6-Tribromophenol (35-125%)								74 %
Surrogate: 2-Fluorobiphenyl (35-120%)								81 %
Surrogate: 2-Fluorophenol (25-120%)								78 %
Surrogate: Nitrobenzene-d5 (30-120%)								79 %
Surrogate: Phenol-d6 (35-120%)								76 %
Surrogate: Terphenyl-d14 (40-135%)								89 %

TestAmerica Irvine

Lena Davidkova  
Project Manager

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Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## ORGANOCHLORINE PESTICIDES (EPA 3546/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
4,4'-DDD	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
4,4'-DDE	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
4,4'-DDT	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Aldrin	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
alpha-BHC	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
beta-BHC	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
delta-BHC	EPA 3546/8081A	10G2688	10	ND	1	7/23/2010	7/26/2010	
Dieldrin	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Endosulfan I	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Endosulfan II	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Endosulfan sulfate	EPA 3546/8081A	10G2688	10	ND	1	7/23/2010	7/26/2010	
Endrin	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Endrin aldehyde	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Endrin ketone	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
gamma-BHC (Lindane)	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Heptachlor	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Heptachlor epoxide	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Methoxychlor	EPA 3546/8081A	10G2688	5.0	ND	1	7/23/2010	7/26/2010	
Chlordane	EPA 3546/8081A	10G2688	50	ND	1	7/23/2010	7/26/2010	
Toxaphene	EPA 3546/8081A	10G2688	200	ND	1	7/23/2010	7/26/2010	
Surrogate: Decachlorobiphenyl (45-120%)				90 %				
Surrogate: Tetrachloro-m-xylene (35-115%)				75 %				

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Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>								
<b>Reporting Units: mg/kg</b>								
Aluminum	EPA 6010B	10G3314	9.9	<b>7000</b>	0.99	7/29/2010	7/29/2010	MHA
Mercury	EPA 7471A	10G3545	0.020	ND	1	7/23/2010	7/23/2010	
Antimony	EPA 6010B	10G3314	9.9	ND	0.99	7/29/2010	7/29/2010	M2
Arsenic	EPA 6010B	10G3314	2.0	<b>3.7</b>	0.99	7/29/2010	7/29/2010	
Barium	EPA 6010B	10G3314	0.99	<b>48</b>	0.99	7/29/2010	7/29/2010	
Beryllium	EPA 6010B	10G3314	0.50	ND	0.99	7/29/2010	7/29/2010	
Boron	EPA 6010B	10G3314	5.0	ND	0.99	7/29/2010	7/29/2010	
Cadmium	EPA 6010B	10G3314	0.50	ND	0.99	7/29/2010	7/29/2010	
Calcium	EPA 6010B	10G3314	15	<b>2700</b>	0.99	7/29/2010	7/29/2010	MHA
Chromium	EPA 6010B	10G3314	0.99	<b>10</b>	0.99	7/29/2010	7/29/2010	
Cobalt	EPA 6010B	10G3314	0.99	<b>3.5</b>	0.99	7/29/2010	7/29/2010	
Copper	EPA 6010B	10G3314	2.0	<b>9.3</b>	0.99	7/29/2010	7/29/2010	
Iron	EPA 6010B	10G3314	5.0	<b>13000</b>	0.99	7/29/2010	7/29/2010	MHA
Lead	EPA 6010B	10G3314	2.0	<b>65</b>	0.99	7/29/2010	7/29/2010	M1, R-3
Magnesium	EPA 6010B	10G3314	9.9	<b>3200</b>	0.99	7/29/2010	7/29/2010	MHA
Manganese	EPA 6010B	10G3314	0.99	<b>190</b>	0.99	7/29/2010	7/29/2010	
Molybdenum	EPA 6010B	10G3314	2.0	ND	0.99	7/29/2010	7/29/2010	
Nickel	EPA 6010B	10G3314	2.0	<b>7.3</b>	0.99	7/29/2010	7/29/2010	
Phosphorus	EPA 6010B	10G3314	5.0	<b>480</b>	0.99	7/29/2010	7/29/2010	MHA
Potassium	EPA 6010B	10G3314	50	<b>1900</b>	0.99	7/29/2010	7/29/2010	M1
Selenium	EPA 6010B	10G3314	2.0	ND	0.99	7/29/2010	7/29/2010	
Silver	EPA 6010B	10G3314	0.99	ND	0.99	7/29/2010	7/29/2010	
Sodium	EPA 6010B	10G3314	50	<b>110</b>	0.99	7/29/2010	7/29/2010	
Thallium	EPA 6010B	10G3314	9.9	ND	0.99	7/29/2010	7/29/2010	
Vanadium	EPA 6010B	10G3314	0.99	<b>26</b>	0.99	7/29/2010	7/29/2010	
Zinc	EPA 6010B	10G3314	5.0	<b>25</b>	0.99	7/29/2010	7/29/2010	

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## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>								
Reporting Units: mg/kg								
Alkalinity as CaCO <sub>3</sub>	SM2320B-MOD	10G3320	100	850	1	7/29/2010	7/29/2010	
Bicarbonate Alkalinity as CaCO <sub>3</sub>	SM2320B-MOD	10G3320	100	850	1	7/29/2010	7/29/2010	
Carbonate Alkalinity as CaCO <sub>3</sub>	SM2320B-MOD	10G3320	100	ND	1	7/29/2010	7/29/2010	
Hydroxide Alkalinity as CaCO <sub>3</sub>	SM2320B-MOD	10G3320	100	ND	1	7/29/2010	7/29/2010	
Bromide	EPA 300.0	10G3031	5.0	ND	1	7/27/2010	7/27/2010	
Chloride	EPA 300.0	10G3031	5.0	ND	1	7/27/2010	7/27/2010	
Chromium VI	3060A/7196A	10G3229	1.0	ND	1	7/28/2010	7/28/2010	
Fluoride	EPA 300.0	10G3031	5.0	ND	1	7/27/2010	7/27/2010	
Nitrate-N	EPA 300.0	10G3031	1.1	1.6	1	7/27/2010	7/27/2010	
Nitrite-N	EPA 300.0	10G3031	1.5	ND	1	7/27/2010	7/27/2010	
Orthophosphate - PO <sub>4</sub>	EPA 300.0	10G3031	5.0	6.5	1	7/27/2010	7/27/2010	
Sulfate	EPA 300.0	10G3031	5.0	ND	1	7/27/2010	7/27/2010	
Surfactants (MBAS)	SM5540-C MOD.	10G3536	1.0	ND	1	7/30/2010	7/30/2010	
Total Dissolved Solids	SM2540C	10G2924	10	78	0.1	7/27/2010	7/27/2010	

### Sample ID: ITG2074-01 (Background Soil - Soil)

Reporting Units: mV

Redox Potential (Eh)	SM 2580B	10G2703	0.10	380	1	7/23/2010	7/23/2010	
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### Sample ID: ITG2074-01 (Background Soil - Soil)

Reporting Units: pH Units

pH	EPA 9045C	10G2702	0.100	7.54	1	7/23/2010	7/23/2010	
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## 2540G\_0207157x

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>									
<b>Reporting Units: %</b>									
<b>Percent Solids</b>	2540G_0207157	207157	NA		<b>99.3</b>	1	7/26/2010	7/27/2010	

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Sampled: 07/22/10  
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## SW846 8141Ax

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>									
<b>Reporting Units: ug/kg</b>									
Azinphos-methyl	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Bolstar	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Chlorpyrifos	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Coumaphos	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Demeton (total)	SW846 8141A	207389	33		ND	0.99	7/26/2010	7/31/2010	
Demeton-O	SW846 8141A	207389	33	2.8	ND	0.99	7/26/2010	7/31/2010	
Demeton-S	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Diazinon	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Dichlorvos	SW846 8141A	207389	33	2.9	ND	0.99	7/26/2010	7/31/2010	
Dimethoate	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Disulfoton	SW846 8141A	207389	33	3.5	ND	0.99	7/26/2010	7/31/2010	
EPN	SW846 8141A	207389	33	2.9	ND	0.99	7/26/2010	7/31/2010	
Ethoprop	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Famphur	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Fensulfothion	SW846 8141A	207389	33	2.5	ND	0.99	7/26/2010	7/31/2010	
Fenthion	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Malathion	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Methyl parathion	SW846 8141A	207389	33	2.9	ND	0.99	7/26/2010	7/31/2010	
Mevinphos	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
O,O,O-Triethyl phosphorothioate	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Parathion	SW846 8141A	207389	33	2.6	ND	0.99	7/26/2010	7/31/2010	
Phorate	SW846 8141A	207389	33	3.3	ND	0.99	7/26/2010	7/31/2010	
Ronnel	SW846 8141A	207389	33	3.1	ND	0.99	7/26/2010	7/31/2010	
Stirophos	SW846 8141A	207389	33	3.3	ND	0.99	7/26/2010	7/31/2010	
Sulfotepp	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Thionazin	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Tokuthion	SW846 8141A	207389	33	3.2	ND	0.99	7/26/2010	7/31/2010	
Trichloronate	SW846 8141A	207389	33	3.9	ND	0.99	7/26/2010	7/31/2010	
Surrogate: Tributyl phosphate (55-125%)					106 %				
Surrogate: Triphenyl phosphate (47-130%)					103 %				

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## SW846 8151Ax

Analyte	Method	Batch	Reporting Limit	MDL	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ITG2074-01 (Background Soil - Soil)</b>									
<b>Reporting Units: ug/kg</b>									
2,4,5-T	SW846 8151A	207464	20	2.5	ND	1	7/26/2010	7/31/2010	
2,4,5-TP (Silvex)	SW846 8151A	207464	20	2.1	ND	1	7/26/2010	7/31/2010	
2,4-D	SW846 8151A	207464	81	5.5	ND	1	7/26/2010	7/31/2010	
2,4-DB	SW846 8151A	207464	81	6.2	ND	1	7/26/2010	7/31/2010	
Dalapon	SW846 8151A	207464	91	7.1	ND	1	7/26/2010	7/31/2010	
Dicamba	SW846 8151A	207464	40	4.8	ND	1	7/26/2010	7/31/2010	
Dichlorprop	SW846 8151A	207464	81	9.6	ND	1	7/26/2010	7/31/2010	
Dinoseb	SW846 8151A	207464	12	4.6	ND	1	7/26/2010	7/31/2010	
MCPA	SW846 8151A	207464	8100	1700	ND	1	7/26/2010	7/31/2010	
MCPP	SW846 8151A	207464	8100	1600	ND	1	7/26/2010	7/31/2010	
Pentachlorophenol	SW846 8151A	207464	11	1.1	ND	1	7/26/2010	7/31/2010	
<i>Surrogate: DCAA (42-140%)</i>					74 %				

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Blank Analyzed: 07/28/2010 (10G3092-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Blank Analyzed: 07/28/2010 (10G3092-BLK1)</b>										
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	49.1		ug/kg	50.0		98	80-120			
Surrogate: Dibromofluoromethane	50.6		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	52.3		ug/kg	50.0		105	80-120			
<b>LCS Analyzed: 07/28/2010 (10G3092-BS1)</b>										
Benzene	50.6	2.0	ug/kg	50.0		101	65-120			
Bromobenzene	54.1	5.0	ug/kg	50.0		108	75-120			
Bromochloromethane	51.2	5.0	ug/kg	50.0		102	70-135			
Bromodichloromethane	52.8	2.0	ug/kg	50.0		106	70-135			
Bromoform	43.6	5.0	ug/kg	50.0		87	55-135			
Bromomethane	45.9	5.0	ug/kg	50.0		92	60-145			
n-Butylbenzene	52.5	5.0	ug/kg	50.0		105	70-130			
sec-Butylbenzene	49.5	5.0	ug/kg	50.0		99	70-125			

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>LCS Analyzed: 07/28/2010 (10G3092-BS1)</b>										
tert-Butylbenzene	50.6	5.0	ug/kg	50.0		101	70-125			
Carbon tetrachloride	55.2	5.0	ug/kg	50.0		110	65-140			
Chlorobenzene	49.6	2.0	ug/kg	50.0		99	75-120			
Chloroethane	58.1	5.0	ug/kg	50.0		116	60-140			
Chloroform	47.8	2.0	ug/kg	50.0		96	70-130			
Chloromethane	47.9	5.0	ug/kg	50.0		96	45-145			
2-Chlorotoluene	53.4	5.0	ug/kg	50.0		107	70-125			
4-Chlorotoluene	52.5	5.0	ug/kg	50.0		105	75-125			
1,2-Dibromo-3-chloropropane	48.7	5.0	ug/kg	50.0		97	50-135			
Dibromochloromethane	55.2	2.0	ug/kg	50.0		110	65-140			
1,2-Dibromoethane (EDB)	49.9	2.0	ug/kg	50.0		100	70-130			
Dibromomethane	50.1	2.0	ug/kg	50.0		100	70-130			
1,2-Dichlorobenzene	53.8	2.0	ug/kg	50.0		108	75-120			
1,3-Dichlorobenzene	54.0	2.0	ug/kg	50.0		108	75-125			
1,4-Dichlorobenzene	51.8	2.0	ug/kg	50.0		104	75-120			
Dichlorodifluoromethane	45.9	5.0	ug/kg	50.0		92	35-160			
1,1-Dichloroethane	51.6	2.0	ug/kg	50.0		103	70-130			
1,2-Dichloroethane	50.2	2.0	ug/kg	50.0		100	60-140			
1,1-Dichloroethene	53.7	5.0	ug/kg	50.0		107	70-125			
cis-1,2-Dichloroethene	52.7	2.0	ug/kg	50.0		105	70-125			
trans-1,2-Dichloroethene	50.3	2.0	ug/kg	50.0		101	70-125			
1,2-Dichloropropane	51.1	2.0	ug/kg	50.0		102	70-130			
1,3-Dichloropropane	51.6	2.0	ug/kg	50.0		103	70-125			
2,2-Dichloropropane	55.2	2.0	ug/kg	50.0		110	60-145			
cis-1,3-Dichloropropene	51.3	2.0	ug/kg	50.0		103	75-125			
trans-1,3-Dichloropropene	55.8	2.0	ug/kg	50.0		112	70-135			
1,1-Dichloropropene	51.4	2.0	ug/kg	50.0		103	70-130			
Ethylbenzene	49.2	2.0	ug/kg	50.0		98	70-125			
Hexachlorobutadiene	45.4	5.0	ug/kg	50.0		91	60-135			
Isopropylbenzene	52.4	2.0	ug/kg	50.0		105	75-130			
p-Isopropyltoluene	49.3	2.0	ug/kg	50.0		99	75-125			
Methylene chloride	43.1	20	ug/kg	50.0		86	55-135			
Naphthalene	57.8	5.0	ug/kg	50.0		116	55-135			
n-Propylbenzene	54.1	2.0	ug/kg	50.0		108	70-130			
Styrene	52.8	2.0	ug/kg	50.0		106	75-130			
1,1,1,2-Tetrachloroethane	52.3	5.0	ug/kg	50.0		105	70-130			

**TestAmerica Irvine**

Lena Davidkova  
Project Manager



Nursery Products  
7580 SVL Box  
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Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>LCS Analyzed: 07/28/2010 (10G3092-BS1)</b>										
1,1,2,2-Tetrachloroethane	58.4	2.0	ug/kg	50.0		117	55-140			
Tetrachloroethene	50.0	2.0	ug/kg	50.0		100	70-125			
Toluene	51.5	2.0	ug/kg	50.0		103	70-125			
1,2,3-Trichlorobenzene	47.7	5.0	ug/kg	50.0		95	60-130			
1,2,4-Trichlorobenzene	50.3	5.0	ug/kg	50.0		101	70-135			
1,1,1-Trichloroethane	51.9	2.0	ug/kg	50.0		104	65-135			
1,1,2-Trichloroethane	51.4	2.0	ug/kg	50.0		103	65-135			
Trichloroethene	53.0	2.0	ug/kg	50.0		106	70-125			
Trichlorofluoromethane	54.2	5.0	ug/kg	50.0		108	60-145			
1,2,3-Trichloropropane	54.2	10	ug/kg	50.0		108	60-135			
1,2,4-Trimethylbenzene	52.3	2.0	ug/kg	50.0		105	70-125			
1,3,5-Trimethylbenzene	50.9	2.0	ug/kg	50.0		102	70-125			
Vinyl chloride	50.9	5.0	ug/kg	50.0		102	55-135			
m,p-Xylenes	104	2.0	ug/kg	100		104	70-125			
o-Xylene	52.3	2.0	ug/kg	50.0		105	70-125			
Surrogate: 4-Bromofluorobenzene	47.2		ug/kg	50.0		94	80-120			
Surrogate: Dibromofluoromethane	49.2		ug/kg	50.0		98	80-125			
Surrogate: Toluene-d8	53.0		ug/kg	50.0		106	80-120			
<b>Matrix Spike Analyzed: 07/28/2010 (10G3092-MS1)</b>					<b>Source: ITG2074-01</b>					
Benzene	50.3	2.0	ug/kg	49.3	ND	102	65-130			
Bromobenzene	55.8	4.9	ug/kg	49.3	ND	113	65-140			
Bromochloromethane	52.8	4.9	ug/kg	49.3	ND	107	65-145			
Bromodichloromethane	52.0	2.0	ug/kg	49.3	ND	105	65-145			
Bromoform	45.6	4.9	ug/kg	49.3	ND	93	50-145			
Bromomethane	44.5	4.9	ug/kg	49.3	ND	90	60-155			
n-Butylbenzene	46.0	4.9	ug/kg	49.3	ND	93	55-145			
sec-Butylbenzene	48.8	4.9	ug/kg	49.3	ND	99	60-135			
tert-Butylbenzene	51.2	4.9	ug/kg	49.3	ND	104	60-140			
Carbon tetrachloride	53.4	4.9	ug/kg	49.3	ND	108	60-145			
Chlorobenzene	50.6	2.0	ug/kg	49.3	ND	103	70-130			
Chloroethane	64.5	4.9	ug/kg	49.3	ND	131	60-150			
Chloroform	50.3	2.0	ug/kg	49.3	ND	102	65-135			
Chloromethane	47.4	4.9	ug/kg	49.3	ND	96	40-145			
2-Chlorotoluene	53.0	4.9	ug/kg	49.3	ND	107	60-135			
4-Chlorotoluene	53.8	4.9	ug/kg	49.3	ND	109	65-135			

#### TestAmerica Irvine

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Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Matrix Spike Analyzed: 07/28/2010 (10G3092-MS1)</b>					<b>Source: ITG2074-01</b>					
1,2-Dibromo-3-chloropropane	56.2	4.9	ug/kg	49.3	ND	114	40-150			
Dibromochloromethane	56.9	2.0	ug/kg	49.3	ND	115	60-145			
1,2-Dibromoethane (EDB)	53.1	2.0	ug/kg	49.3	ND	108	65-140			
Dibromomethane	51.0	2.0	ug/kg	49.3	ND	103	65-140			
1,2-Dichlorobenzene	52.8	2.0	ug/kg	49.3	ND	107	70-130			
1,3-Dichlorobenzene	53.8	2.0	ug/kg	49.3	ND	109	70-130			
1,4-Dichlorobenzene	52.1	2.0	ug/kg	49.3	ND	106	70-130			
Dichlorodifluoromethane	42.3	4.9	ug/kg	49.3	ND	86	30-160			
1,1-Dichloroethane	51.9	2.0	ug/kg	49.3	ND	105	65-135			
1,2-Dichloroethane	47.4	2.0	ug/kg	49.3	ND	96	60-150			
1,1-Dichloroethene	54.6	4.9	ug/kg	49.3	ND	111	65-135			
cis-1,2-Dichloroethene	54.1	2.0	ug/kg	49.3	ND	110	65-135			
trans-1,2-Dichloroethene	51.0	2.0	ug/kg	49.3	ND	103	70-135			
1,2-Dichloropropane	51.4	2.0	ug/kg	49.3	ND	104	65-130			
1,3-Dichloropropane	55.7	2.0	ug/kg	49.3	ND	113	65-140			
2,2-Dichloropropane	58.1	2.0	ug/kg	49.3	ND	118	65-150			
cis-1,3-Dichloropropene	51.6	2.0	ug/kg	49.3	ND	105	70-135			
trans-1,3-Dichloropropene	54.9	2.0	ug/kg	49.3	ND	111	60-145			
1,1-Dichloropropene	49.6	2.0	ug/kg	49.3	ND	101	65-135			
Ethylbenzene	49.0	2.0	ug/kg	49.3	ND	99	70-135			
Hexachlorobutadiene	27.7	4.9	ug/kg	49.3	ND	56	50-145			
Isopropylbenzene	54.1	2.0	ug/kg	49.3	ND	110	70-145			
p-Isopropyltoluene	47.3	2.0	ug/kg	49.3	ND	96	60-140			
Methylene chloride	45.7	20	ug/kg	49.3	ND	93	55-145			
Naphthalene	53.1	4.9	ug/kg	49.3	ND	108	40-150			
n-Propylbenzene	56.5	2.0	ug/kg	49.3	ND	115	65-140			
Styrene	50.5	2.0	ug/kg	49.3	ND	102	70-140			
1,1,1,2-Tetrachloroethane	52.5	4.9	ug/kg	49.3	ND	107	65-145			
1,1,2,2-Tetrachloroethane	65.6	2.0	ug/kg	49.3	ND	133	40-160			
Tetrachloroethene	49.0	2.0	ug/kg	49.3	ND	99	65-135			
Toluene	48.9	2.0	ug/kg	49.3	ND	99	70-130			
1,2,3-Trichlorobenzene	37.9	4.9	ug/kg	49.3	ND	77	45-145			
1,2,4-Trichlorobenzene	42.4	4.9	ug/kg	49.3	ND	86	50-140			
1,1,1-Trichloroethane	51.4	2.0	ug/kg	49.3	ND	104	65-145			
1,1,2-Trichloroethane	51.8	2.0	ug/kg	49.3	ND	105	65-140			
Trichloroethene	49.8	2.0	ug/kg	49.3	ND	101	65-140			

TestAmerica Irvine

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Matrix Spike Analyzed: 07/28/2010 (10G3092-MS1)</b>					<b>Source: ITG2074-01</b>					
Trichlorofluoromethane	53.4	4.9	ug/kg	49.3	ND	108	55-155			
1,2,3-Trichloropropane	62.6	9.9	ug/kg	49.3	ND	127	50-150			
1,2,4-Trimethylbenzene	55.8	2.0	ug/kg	49.3	ND	113	65-140			
1,3,5-Trimethylbenzene	53.4	2.0	ug/kg	49.3	ND	108	65-135			
Vinyl chloride	49.7	4.9	ug/kg	49.3	ND	101	55-140			
m,p-Xylenes	102	2.0	ug/kg	98.6	ND	104	70-130			
o-Xylene	51.9	2.0	ug/kg	49.3	ND	105	65-130			
Surrogate: 4-Bromofluorobenzene	45.4		ug/kg	49.3		92	80-120			
Surrogate: Dibromofluoromethane	49.3		ug/kg	49.3		100	80-125			
Surrogate: Toluene-d8	50.5		ug/kg	49.3		102	80-120			
<b>Matrix Spike Dup Analyzed: 07/28/2010 (10G3092-MSD1)</b>					<b>Source: ITG2074-01</b>					
Benzene	49.2	1.9	ug/kg	48.3	ND	102	65-130	2	20	
Bromobenzene	53.7	4.8	ug/kg	48.3	ND	111	65-140	4	25	
Bromochloromethane	53.7	4.8	ug/kg	48.3	ND	111	65-145	2	25	
Bromodichloromethane	50.8	1.9	ug/kg	48.3	ND	105	65-145	2	20	
Bromoform	44.9	4.8	ug/kg	48.3	ND	93	50-145	2	30	
Bromomethane	44.6	4.8	ug/kg	48.3	ND	92	60-155	0.2	25	
n-Butylbenzene	39.5	4.8	ug/kg	48.3	ND	82	55-145	15	30	
sec-Butylbenzene	42.6	4.8	ug/kg	48.3	ND	88	60-135	13	25	
tert-Butylbenzene	45.5	4.8	ug/kg	48.3	ND	94	60-140	12	25	
Carbon tetrachloride	53.7	4.8	ug/kg	48.3	ND	111	60-145	0.5	25	
Chlorobenzene	48.1	1.9	ug/kg	48.3	ND	100	70-130	5	25	
Chloroethane	58.1	4.8	ug/kg	48.3	ND	120	60-150	10	25	
Chloroform	50.0	1.9	ug/kg	48.3	ND	104	65-135	0.6	20	
Chloromethane	46.8	4.8	ug/kg	48.3	ND	97	40-145	1	25	
2-Chlorotoluene	52.5	4.8	ug/kg	48.3	ND	109	60-135	1	25	
4-Chlorotoluene	52.6	4.8	ug/kg	48.3	ND	109	65-135	2	25	
1,2-Dibromo-3-chloropropane	58.9	4.8	ug/kg	48.3	ND	122	40-150	5	30	
Dibromochloromethane	56.1	1.9	ug/kg	48.3	ND	116	60-145	1	25	
1,2-Dibromoethane (EDB)	51.6	1.9	ug/kg	48.3	ND	107	65-140	3	25	
Dibromomethane	50.0	1.9	ug/kg	48.3	ND	104	65-140	2	25	
1,2-Dichlorobenzene	49.3	1.9	ug/kg	48.3	ND	102	70-130	7	25	
1,3-Dichlorobenzene	52.0	1.9	ug/kg	48.3	ND	108	70-130	3	25	
1,4-Dichlorobenzene	49.0	1.9	ug/kg	48.3	ND	102	70-130	6	25	
Dichlorodifluoromethane	41.1	4.8	ug/kg	48.3	ND	85	30-160	3	35	

TestAmerica Irvine

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Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Matrix Spike Dup Analyzed: 07/28/2010 (10G3092-MSD1)</b>					<b>Source: ITG2074-01</b>					
1,1-Dichloroethane	52.1	1.9	ug/kg	48.3	ND	108	65-135	0.5	25	
1,2-Dichloroethane	49.3	1.9	ug/kg	48.3	ND	102	60-150	4	25	
1,1-Dichloroethene	53.1	4.8	ug/kg	48.3	ND	110	65-135	3	25	
cis-1,2-Dichloroethene	52.1	1.9	ug/kg	48.3	ND	108	65-135	4	25	
trans-1,2-Dichloroethene	50.8	1.9	ug/kg	48.3	ND	105	70-135	0.5	25	
1,2-Dichloropropane	50.6	1.9	ug/kg	48.3	ND	105	65-130	1	20	
1,3-Dichloropropane	53.8	1.9	ug/kg	48.3	ND	111	65-140	4	25	
2,2-Dichloropropane	55.7	1.9	ug/kg	48.3	ND	115	65-150	4	25	
cis-1,3-Dichloropropene	49.4	1.9	ug/kg	48.3	ND	102	70-135	4	25	
trans-1,3-Dichloropropene	52.9	1.9	ug/kg	48.3	ND	110	60-145	4	25	
1,1-Dichloropropene	47.6	1.9	ug/kg	48.3	ND	99	65-135	4	20	
Ethylbenzene	47.2	1.9	ug/kg	48.3	ND	98	70-135	4	25	
Hexachlorobutadiene	20.9	4.8	ug/kg	48.3	ND	43	50-145	28	35	M2
Isopropylbenzene	51.5	1.9	ug/kg	48.3	ND	107	70-145	5	25	
p-Isopropyltoluene	41.8	1.9	ug/kg	48.3	ND	87	60-140	12	25	
Methylene chloride	46.2	1.9	ug/kg	48.3	ND	96	55-145	1	25	
Naphthalene	50.9	4.8	ug/kg	48.3	ND	105	40-150	4	40	
n-Propylbenzene	52.4	1.9	ug/kg	48.3	ND	109	65-140	8	25	
Styrene	48.3	1.9	ug/kg	48.3	ND	100	70-140	4	25	
1,1,1,2-Tetrachloroethane	52.3	4.8	ug/kg	48.3	ND	108	65-145	0.5	20	
1,1,2,2-Tetrachloroethane	65.3	1.9	ug/kg	48.3	ND	135	40-160	0.5	30	
Tetrachloroethene	46.6	1.9	ug/kg	48.3	ND	97	65-135	5	25	
Toluene	48.0	1.9	ug/kg	48.3	ND	99	70-130	2	20	
1,2,3-Trichlorobenzene	33.6	4.8	ug/kg	48.3	ND	70	45-145	12	30	
1,2,4-Trichlorobenzene	36.7	4.8	ug/kg	48.3	ND	76	50-140	14	30	
1,1,1-Trichloroethane	51.4	1.9	ug/kg	48.3	ND	107	65-145	0.1	20	
1,1,2-Trichloroethane	49.4	1.9	ug/kg	48.3	ND	102	65-140	5	30	
Trichloroethene	49.4	1.9	ug/kg	48.3	ND	102	65-140	0.8	25	
Trichlorofluoromethane	52.1	4.8	ug/kg	48.3	ND	108	55-155	3	25	
1,2,3-Trichloropropane	63.1	9.7	ug/kg	48.3	ND	131	50-150	0.8	30	
1,2,4-Trimethylbenzene	50.8	1.9	ug/kg	48.3	ND	105	65-140	9	25	
1,3,5-Trimethylbenzene	48.5	1.9	ug/kg	48.3	ND	100	65-135	10	25	
Vinyl chloride	50.5	4.8	ug/kg	48.3	ND	105	55-140	2	30	
m,p-Xylenes	96.5	1.9	ug/kg	96.5	ND	100	70-130	6	25	
o-Xylene	50.3	1.9	ug/kg	48.3	ND	104	65-130	3	25	
Surrogate: 4-Bromofluorobenzene	43.8		ug/kg	48.3		91	80-120			

TestAmerica Irvine

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3092 Extracted: 07/28/10</b>										
<b>Matrix Spike Dup Analyzed: 07/28/2010 (10G3092-MSD1)</b>										
<b>Source: ITG2074-01</b>										
Surrogate: Dibromofluoromethane	51.3		ug/kg	48.3		106	80-125			
Surrogate: Toluene-d8	49.7		ug/kg	48.3		103	80-120			

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## METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Blank Analyzed: 07/26/2010 (10G2835-BLK1)</b>										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							

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## METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Blank Analyzed: 07/26/2010 (10G2835-BLK1)</b>										
2,4-Dinitrophenol	ND	660	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	5170		ug/kg	6670		78	35-125			
Surrogate: 2-Fluorobiphenyl	2860		ug/kg	3330		86	35-120			
Surrogate: 2-Fluorophenol	5540		ug/kg	6670		83	25-120			
Surrogate: Nitrobenzene-d5	2810		ug/kg	3330		84	30-120			

#### TestAmerica Irvine

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Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Blank Analyzed: 07/26/2010 (10G2835-BLK1)</b>										
Surrogate: Phenol-d6	5160		ug/kg	6670		77	35-120			
Surrogate: Terphenyl-d14	3370		ug/kg	3330		101	40-135			
<b>LCS Analyzed: 07/26/2010 (10G2835-BS1)</b>										
Acenaphthene	2810	330	ug/kg	3330		84	50-120			
Acenaphthylene	2670	330	ug/kg	3330		80	50-120			
Aniline	2380	420	ug/kg	3330		71	25-120			
Anthracene	2920	330	ug/kg	3330		88	55-120			
Benzidine	2970	660	ug/kg	3330		89	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	3010	330	ug/kg	3330		90	50-125			
Benzo(b)fluoranthene	2890	330	ug/kg	3330		87	45-125			
Benzo(g,h,i)perylene	3660	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	3080	330	ug/kg	3330		92	45-125			
Benzoic acid	2230	830	ug/kg	3330		67	20-120			
Benzyl alcohol	2510	330	ug/kg	3330		75	35-120			
4-Bromophenyl phenyl ether	2800	330	ug/kg	3330		84	45-120			
Butyl benzyl phthalate	3250	330	ug/kg	3330		98	50-125			
4-Chloro-3-methylphenol	2950	330	ug/kg	3330		88	50-125			
4-Chloroaniline	2300	330	ug/kg	3330		69	20-120			
Bis(2-chloroethoxy)methane	2500	330	ug/kg	3330		75	45-120			
Bis(2-chloroethyl)ether	2340	170	ug/kg	3330		70	35-120			
Bis(2-chloroisopropyl)ether	3430	330	ug/kg	3330		103	40-120			
Bis(2-ethylhexyl)phthalate	3180	330	ug/kg	3330		95	50-130			
2-Chloronaphthalene	2810	330	ug/kg	3330		84	45-120			
2-Chlorophenol	2700	330	ug/kg	3330		81	40-120			
4-Chlorophenyl phenyl ether	3100	330	ug/kg	3330		93	55-120			
Chrysene	3050	330	ug/kg	3330		92	55-120			
Dibenz(a,h)anthracene	3100	420	ug/kg	3330		93	40-135			
Dibenzofuran	2840	330	ug/kg	3330		85	55-120			
Di-n-butyl phthalate	3060	330	ug/kg	3330		92	50-125			
1,2-Dichlorobenzene	2490	330	ug/kg	3330		75	40-120			
1,3-Dichlorobenzene	2260	330	ug/kg	3330		68	35-120			
1,4-Dichlorobenzene	2360	330	ug/kg	3330		71	35-120			
3,3'-Dichlorobenzidine	2600	830	ug/kg	3330		78	20-130			
2,4-Dichlorophenol	2980	330	ug/kg	3330		90	45-120			

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### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>LCS Analyzed: 07/26/2010 (10G2835-BS1)</b>										
Diethyl phthalate	3100	330	ug/kg	3330		93	50-125			
2,4-Dimethylphenol	2590	330	ug/kg	3330		78	40-120			
Dimethyl phthalate	2870	330	ug/kg	3330		86	50-125			
4,6-Dinitro-2-methylphenol	2690	420	ug/kg	3330		81	40-120			
2,4-Dinitrophenol	2500	660	ug/kg	3330		75	25-120			
2,4-Dinitrotoluene	3230	330	ug/kg	3330		97	55-125			
2,6-Dinitrotoluene	2930	330	ug/kg	3330		88	55-125			
Di-n-octyl phthalate	3260	330	ug/kg	3330		98	50-135			
1,2-Diphenylhydrazine/Azobenzene	2880	330	ug/kg	3330		86	50-125			
Fluoranthene	3200	330	ug/kg	3330		96	55-120			
Fluorene	2880	330	ug/kg	3330		86	55-120			
Hexachlorobenzene	2630	330	ug/kg	3330		79	50-120			
Hexachlorobutadiene	2910	330	ug/kg	3330		87	40-120			
Hexachlorocyclopentadiene	2090	830	ug/kg	3330		63	30-125			
Hexachloroethane	2310	330	ug/kg	3330		69	40-120			
Indeno(1,2,3-cd)pyrene	3190	330	ug/kg	3330		96	30-135			
Isophorone	2680	330	ug/kg	3330		80	40-120			
2-Methylnaphthalene	2750	330	ug/kg	3330		82	45-120			
2-Methylphenol	2700	330	ug/kg	3330		81	40-120			
4-Methylphenol	2790	330	ug/kg	3330		84	45-120			
Naphthalene	2450	330	ug/kg	3330		73	45-120			
2-Nitroaniline	3310	330	ug/kg	3330		99	50-125			
3-Nitroaniline	2580	330	ug/kg	3330		77	35-120			
4-Nitroaniline	2850	830	ug/kg	3330		86	45-125			
Nitrobenzene	2660	330	ug/kg	3330		80	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	3400	830	ug/kg	3330		102	40-125			
N-Nitroso-di-n-propylamine	2730	250	ug/kg	3330		82	40-120			
N-Nitrosodiphenylamine	2790	330	ug/kg	3330		84	50-120			
Pentachlorophenol	2450	830	ug/kg	3330		73	40-120			
Phenanthrene	2930	330	ug/kg	3330		88	50-120			
Phenol	2710	330	ug/kg	3330		81	40-120			
Pyrene	3470	330	ug/kg	3330		104	45-125			
1,2,4-Trichlorobenzene	2760	330	ug/kg	3330		83	40-120			
2,4,5-Trichlorophenol	3030	330	ug/kg	3330		91	50-120			
2,4,6-Trichlorophenol	3000	330	ug/kg	3330		90	50-120			

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### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>LCS Analyzed: 07/26/2010 (10G2835-BS1)</b>										
Surrogate: 2,4,6-Tribromophenol	4800		ug/kg	6670		72	35-125			
Surrogate: 2-Fluorobiphenyl	2870		ug/kg	3330		86	35-120			
Surrogate: 2-Fluorophenol	5510		ug/kg	6670		83	25-120			
Surrogate: Nitrobenzene-d5	2880		ug/kg	3330		86	30-120			
Surrogate: Phenol-d6	5500		ug/kg	6670		82	35-120			
Surrogate: Terphenyl-d14	3220		ug/kg	3330		97	40-135			
<b>Matrix Spike Analyzed: 07/26/2010 (10G2835-MS1)</b>					<b>Source: ITG2074-01</b>					
Acenaphthene	3000	330	ug/kg	3330	ND	90	45-120			
Acenaphthylene	2820	330	ug/kg	3330	ND	84	45-120			
Aniline	2300	420	ug/kg	3330	ND	69	25-120			
Anthracene	3140	330	ug/kg	3330	ND	94	55-120			
Benzidine	ND	660	ug/kg	3330	ND		20-120			M2
Benzo(a)anthracene	3160	330	ug/kg	3330	ND	95	50-120			
Benzo(a)pyrene	3270	330	ug/kg	3330	ND	98	45-125			
Benzo(b)fluoranthene	3140	330	ug/kg	3330	ND	94	45-125			
Benzo(g,h,i)perylene	3980	330	ug/kg	3330	ND	119	25-130			
Benzo(k)fluoranthene	3290	330	ug/kg	3330	ND	99	45-125			
Benzoic acid	545	830	ug/kg	3330	ND	16	20-120			M2
Benzyl alcohol	2680	330	ug/kg	3330	ND	80	20-120			
4-Bromophenyl phenyl ether	3140	330	ug/kg	3330	ND	94	45-120			
Butyl benzyl phthalate	3440	330	ug/kg	3330	ND	103	45-125			
4-Chloro-3-methylphenol	3270	330	ug/kg	3330	ND	98	50-125			
4-Chloroaniline	2350	330	ug/kg	3330	ND	70	20-120			
Bis(2-chloroethoxy)methane	2600	330	ug/kg	3330	ND	78	45-120			
Bis(2-chloroethyl)ether	2470	170	ug/kg	3330	ND	74	35-110			
Bis(2-chloroisopropyl)ether	3610	330	ug/kg	3330	ND	108	40-120			
Bis(2-ethylhexyl)phthalate	3430	330	ug/kg	3330	ND	103	45-130			
2-Chloronaphthalene	2970	330	ug/kg	3330	ND	89	45-120			
2-Chlorophenol	2910	330	ug/kg	3330	ND	87	40-120			
4-Chlorophenyl phenyl ether	3300	330	ug/kg	3330	ND	99	50-120			
Chrysene	3250	330	ug/kg	3330	ND	98	55-120			
Dibenz(a,h)anthracene	3070	420	ug/kg	3330	ND	92	25-135			
Dibenzofuran	2980	330	ug/kg	3330	ND	89	50-120			
Di-n-butyl phthalate	3210	330	ug/kg	3330	ND	96	50-125			
1,2-Dichlorobenzene	2520	330	ug/kg	3330	ND	76	40-120			

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## METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Matrix Spike Analyzed: 07/26/2010 (10G2835-MS1)</b>					<b>Source: ITG2074-01</b>					
1,3-Dichlorobenzene	2330	330	ug/kg	3330	ND	70	35-120			
1,4-Dichlorobenzene	2380	330	ug/kg	3330	ND	72	35-120			
3,3'-Dichlorobenzidine	2540	830	ug/kg	3330	ND	76	20-130			
2,4-Dichlorophenol	3230	330	ug/kg	3330	ND	97	45-120			
Diethyl phthalate	3200	330	ug/kg	3330	ND	96	50-125			
2,4-Dimethylphenol	2820	330	ug/kg	3330	ND	85	30-120			
Dimethyl phthalate	3070	330	ug/kg	3330	ND	92	45-125			
4,6-Dinitro-2-methylphenol	1780	420	ug/kg	3330	ND	53	35-120			
2,4-Dinitrophenol	451	660	ug/kg	3330	ND	14	20-120			M2
2,4-Dinitrotoluene	3250	330	ug/kg	3330	ND	98	50-125			
2,6-Dinitrotoluene	3120	330	ug/kg	3330	ND	94	50-125			
Di-n-octyl phthalate	3510	330	ug/kg	3330	ND	105	50-135			
1,2-Diphenylhydrazine/Azobenzene	3050	330	ug/kg	3330	ND	91	50-125			
Fluoranthene	3350	330	ug/kg	3330	ND	101	45-120			
Fluorene	3090	330	ug/kg	3330	ND	93	50-120			
Hexachlorobenzene	2970	330	ug/kg	3330	ND	89	50-120			
Hexachlorobutadiene	2910	330	ug/kg	3330	ND	87	40-120			
Hexachlorocyclopentadiene	2310	830	ug/kg	3330	ND	69	20-125			
Hexachloroethane	2450	330	ug/kg	3330	ND	74	35-120			
Indeno(1,2,3-cd)pyrene	3360	330	ug/kg	3330	ND	101	20-130			
Isophorone	2880	330	ug/kg	3330	ND	86	40-120			
2-Methylnaphthalene	2890	330	ug/kg	3330	ND	87	40-120			
2-Methylphenol	2930	330	ug/kg	3330	ND	88	40-120			
4-Methylphenol	3090	330	ug/kg	3330	ND	93	45-120			
Naphthalene	2550	330	ug/kg	3330	ND	77	40-120			
2-Nitroaniline	3570	330	ug/kg	3330	ND	107	45-120			
3-Nitroaniline	2690	330	ug/kg	3330	ND	81	30-120			
4-Nitroaniline	2830	830	ug/kg	3330	ND	85	40-125			
Nitrobenzene	2800	330	ug/kg	3330	ND	84	40-120			
2-Nitrophenol	2690	330	ug/kg	3330	ND	81	40-120			
4-Nitrophenol	3560	830	ug/kg	3330	ND	107	35-125			
N-Nitroso-di-n-propylamine	3070	250	ug/kg	3330	ND	92	35-120			
N-Nitrosodiphenylamine	3140	330	ug/kg	3330	ND	94	45-125			
Pentachlorophenol	2450	830	ug/kg	3330	ND	74	30-120			
Phenanthrene	3190	330	ug/kg	3330	ND	96	50-120			
Phenol	2890	330	ug/kg	3330	ND	87	40-120			

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### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Matrix Spike Analyzed: 07/26/2010 (10G2835-MS1)</b>					<b>Source: ITG2074-01</b>					
Pyrene	3630	330	ug/kg	3330	ND	109	40-125			
1,2,4-Trichlorobenzene	2840	330	ug/kg	3330	ND	85	40-120			
2,4,5-Trichlorophenol	3320	330	ug/kg	3330	ND	100	45-120			
2,4,6-Trichlorophenol	3340	330	ug/kg	3330	ND	100	45-120			
Surrogate: 2,4,6-Tribromophenol	5310		ug/kg	6670		80	35-125			
Surrogate: 2-Fluorobiphenyl	3040		ug/kg	3330		91	35-120			
Surrogate: 2-Fluorophenol	5650		ug/kg	6670		85	25-120			
Surrogate: Nitrobenzene-d5	2910		ug/kg	3330		87	30-120			
Surrogate: Phenol-d6	5950		ug/kg	6670		89	35-120			
Surrogate: Terphenyl-d14	3310		ug/kg	3330		99	40-135			
<b>Matrix Spike Dup Analyzed: 07/26/2010 (10G2835-MSD1)</b>					<b>Source: ITG2074-01</b>					
Acenaphthene	2750	330	ug/kg	3330	ND	83	45-120	9	25	
Acenaphthylene	2640	330	ug/kg	3330	ND	79	45-120	7	20	
Aniline	2170	420	ug/kg	3330	ND	65	25-120	6	30	
Anthracene	2870	330	ug/kg	3330	ND	86	55-120	9	25	
Benzidine	ND	660	ug/kg	3330	ND		20-120		30	M2
Benzo(a)anthracene	3150	330	ug/kg	3330	ND	94	50-120	0.6	25	
Benzo(a)pyrene	3210	330	ug/kg	3330	ND	96	45-125	2	25	
Benzo(b)fluoranthene	3080	330	ug/kg	3330	ND	92	45-125	2	30	
Benzo(g,h,i)perylene	3960	330	ug/kg	3330	ND	119	25-130	0.4	30	
Benzo(k)fluoranthene	3220	330	ug/kg	3330	ND	97	45-125	2	30	
Benzoic acid	528	830	ug/kg	3330	ND	16	20-120	3	30	M2
Benzyl alcohol	2450	330	ug/kg	3330	ND	74	20-120	9	30	
4-Bromophenyl phenyl ether	2690	330	ug/kg	3330	ND	81	45-120	15	20	
Butyl benzyl phthalate	3330	330	ug/kg	3330	ND	100	45-125	3	25	
4-Chloro-3-methylphenol	3060	330	ug/kg	3330	ND	92	50-125	7	25	
4-Chloroaniline	2420	330	ug/kg	3330	ND	73	20-120	3	30	
Bis(2-chloroethoxy)methane	2480	330	ug/kg	3330	ND	74	45-120	5	25	
Bis(2-chloroethyl)ether	2220	170	ug/kg	3330	ND	66	35-110	11	25	
Bis(2-chloroisopropyl)ether	3260	330	ug/kg	3330	ND	98	40-120	10	25	
Bis(2-ethylhexyl)phthalate	3380	330	ug/kg	3330	ND	102	45-130	1	25	
2-Chloronaphthalene	2730	330	ug/kg	3330	ND	82	45-120	8	20	
2-Chlorophenol	2680	330	ug/kg	3330	ND	81	40-120	8	20	
4-Chlorophenyl phenyl ether	3050	330	ug/kg	3330	ND	92	50-120	8	25	
Chrysene	3210	330	ug/kg	3330	ND	96	55-120	1	25	

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### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Matrix Spike Dup Analyzed: 07/26/2010 (10G2835-MSD1)</b>					<b>Source: ITG2074-01</b>					
Dibenz(a,h)anthracene	3040	420	ug/kg	3330	ND	91	25-135	1	30	
Dibenzofuran	2770	330	ug/kg	3330	ND	83	50-120	7	25	
Di-n-butyl phthalate	3060	330	ug/kg	3330	ND	92	50-125	5	25	
1,2-Dichlorobenzene	2290	330	ug/kg	3330	ND	69	40-120	10	25	
1,3-Dichlorobenzene	2150	330	ug/kg	3330	ND	64	35-120	8	25	
1,4-Dichlorobenzene	2150	330	ug/kg	3330	ND	64	35-120	10	25	
3,3'-Dichlorobenzidine	2540	830	ug/kg	3330	ND	76	20-130	0.2	25	
2,4-Dichlorophenol	3070	330	ug/kg	3330	ND	92	45-120	5	25	
Diethyl phthalate	2950	330	ug/kg	3330	ND	88	50-125	8	25	
2,4-Dimethylphenol	2610	330	ug/kg	3330	ND	78	30-120	8	25	
Dimethyl phthalate	2850	330	ug/kg	3330	ND	86	45-125	7	25	
4,6-Dinitro-2-methylphenol	1580	420	ug/kg	3330	ND	47	35-120	12	25	
2,4-Dinitrophenol	457	660	ug/kg	3330	ND	14	20-120	1	25	M2
2,4-Dinitrotoluene	3060	330	ug/kg	3330	ND	92	50-125	6	25	
2,6-Dinitrotoluene	2820	330	ug/kg	3330	ND	85	50-125	10	20	
Di-n-octyl phthalate	3450	330	ug/kg	3330	ND	104	50-135	2	25	
1,2-Diphenylhydrazine/Azobenzene	2790	330	ug/kg	3330	ND	84	50-125	9	25	
Fluoranthene	3290	330	ug/kg	3330	ND	99	45-120	2	25	
Fluorene	2870	330	ug/kg	3330	ND	86	50-120	7	25	
Hexachlorobenzene	2620	330	ug/kg	3330	ND	79	50-120	12	25	
Hexachlorobutadiene	2780	330	ug/kg	3330	ND	84	40-120	4	25	
Hexachlorocyclopentadiene	1970	830	ug/kg	3330	ND	59	20-125	16	30	
Hexachloroethane	2210	330	ug/kg	3330	ND	66	35-120	10	30	
Indeno(1,2,3-cd)pyrene	3210	330	ug/kg	3330	ND	96	20-130	4	30	
Isophorone	2740	330	ug/kg	3330	ND	82	40-120	5	25	
2-Methylnaphthalene	2730	330	ug/kg	3330	ND	82	40-120	6	20	
2-Methylphenol	2690	330	ug/kg	3330	ND	81	40-120	8	25	
4-Methylphenol	2790	330	ug/kg	3330	ND	84	45-120	10	25	
Naphthalene	2430	330	ug/kg	3330	ND	73	40-120	5	25	
2-Nitroaniline	3280	330	ug/kg	3330	ND	98	45-120	8	25	
3-Nitroaniline	2610	330	ug/kg	3330	ND	78	30-120	3	25	
4-Nitroaniline	2790	830	ug/kg	3330	ND	84	40-125	2	30	
Nitrobenzene	2720	330	ug/kg	3330	ND	81	40-120	3	25	
2-Nitrophenol	2560	330	ug/kg	3330	ND	77	40-120	5	25	
4-Nitrophenol	3580	830	ug/kg	3330	ND	107	35-125	0.3	30	
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330	ND	84	35-120	9	25	

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Report Number: ITG2074

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Received: 07/22/10

## METHOD BLANK/QC DATA

### SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2835 Extracted: 07/26/10</b>										
<b>Matrix Spike Dup Analyzed: 07/26/2010 (10G2835-MSD1)</b>					<b>Source: ITG2074-01</b>					
N-Nitrosodiphenylamine	2750	330	ug/kg	3330	ND	82	45-125	13	25	
Pentachlorophenol	2300	830	ug/kg	3330	ND	69	30-120	7	25	
Phenanthrene	2820	330	ug/kg	3330	ND	85	50-120	12	25	
Phenol	2670	330	ug/kg	3330	ND	80	40-120	8	25	
Pyrene	3520	330	ug/kg	3330	ND	106	40-125	3	30	
1,2,4-Trichlorobenzene	2650	330	ug/kg	3330	ND	80	40-120	7	25	
2,4,5-Trichlorophenol	2950	330	ug/kg	3330	ND	88	45-120	12	20	
2,4,6-Trichlorophenol	3060	330	ug/kg	3330	ND	92	45-120	9	25	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>4680</i>		<i>ug/kg</i>	<i>6670</i>		<i>70</i>	<i>35-125</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>2770</i>		<i>ug/kg</i>	<i>3330</i>		<i>83</i>	<i>35-120</i>			
<i>Surrogate: 2-Fluorophenol</i>	<i>5090</i>		<i>ug/kg</i>	<i>6670</i>		<i>76</i>	<i>25-120</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>2750</i>		<i>ug/kg</i>	<i>3330</i>		<i>82</i>	<i>30-120</i>			
<i>Surrogate: Phenol-d6</i>	<i>5430</i>		<i>ug/kg</i>	<i>6670</i>		<i>81</i>	<i>35-120</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>3210</i>		<i>ug/kg</i>	<i>3330</i>		<i>96</i>	<i>40-135</i>			

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## METHOD BLANK/QC DATA

### ORGANOCHLORINE PESTICIDES (EPA 3546/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2688 Extracted: 07/23/10</b>										
<b>Blank Analyzed: 07/26/2010 (10G2688-BLK1)</b>										
4,4'-DDD	ND	5.0	ug/kg							
4,4'-DDE	ND	5.0	ug/kg							
4,4'-DDT	ND	5.0	ug/kg							
Aldrin	ND	5.0	ug/kg							
alpha-BHC	ND	5.0	ug/kg							
beta-BHC	ND	5.0	ug/kg							
delta-BHC	ND	10	ug/kg							
Dieldrin	ND	5.0	ug/kg							
Endosulfan I	ND	5.0	ug/kg							
Endosulfan II	ND	5.0	ug/kg							
Endosulfan sulfate	ND	10	ug/kg							
Endrin	ND	5.0	ug/kg							
Endrin aldehyde	ND	5.0	ug/kg							
Endrin ketone	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	ug/kg							
Heptachlor	ND	5.0	ug/kg							
Heptachlor epoxide	ND	5.0	ug/kg							
Methoxychlor	ND	5.0	ug/kg							
Chlordane	ND	50	ug/kg							
Toxaphene	ND	200	ug/kg							
Surrogate: Decachlorobiphenyl	30.0		ug/kg	33.3		90	45-120			
Surrogate: Tetrachloro-m-xylene	25.1		ug/kg	33.3		75	35-115			

### LCS Analyzed: 07/26/2010 (10G2688-BS1)

4,4'-DDD	34.5	5.0	ug/kg	33.3		104	60-120			
4,4'-DDE	29.3	5.0	ug/kg	33.3		88	60-120			
4,4'-DDT	31.6	5.0	ug/kg	33.3		95	65-120			
Aldrin	19.0	5.0	ug/kg	33.3		57	50-115			
alpha-BHC	27.3	5.0	ug/kg	33.3		82	60-115			
beta-BHC	29.2	5.0	ug/kg	33.3		87	60-115			
delta-BHC	30.4	10	ug/kg	33.3		91	60-115			
Dieldrin	29.2	5.0	ug/kg	33.3		88	65-115			
Endosulfan I	27.9	5.0	ug/kg	33.3		84	40-120			
Endosulfan II	29.1	5.0	ug/kg	33.3		87	55-120			
Endosulfan sulfate	31.1	10	ug/kg	33.3		93	65-115			
Endrin	30.4	5.0	ug/kg	33.3		91	55-120			

MNR

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### ORGANOCHLORINE PESTICIDES (EPA 3546/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2688 Extracted: 07/23/10</b>										
<b>LCS Analyzed: 07/26/2010 (10G2688-BS1)</b>										
Endrin aldehyde	27.6	5.0	ug/kg	33.3		83	55-115			MNR
Endrin ketone	29.9	5.0	ug/kg	33.3		90	65-115			
gamma-BHC (Lindane)	28.4	5.0	ug/kg	33.3		85	55-115			
Heptachlor	27.4	5.0	ug/kg	33.3		82	55-115			
Heptachlor epoxide	28.3	5.0	ug/kg	33.3		85	55-115			
Methoxychlor	29.1	5.0	ug/kg	33.3		87	65-120			
Surrogate: Decachlorobiphenyl	27.5		ug/kg	33.3		83	45-120			
Surrogate: Tetrachloro-m-xylene	24.9		ug/kg	33.3		75	35-115			

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3314 Extracted: 07/29/10</b>										
<b>Blank Analyzed: 07/29/2010 (10G3314-BLK1)</b>										
Aluminum	ND	9.9	mg/kg							
Antimony	ND	9.9	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	0.99	mg/kg							
Beryllium	ND	0.50	mg/kg							
Boron	ND	5.0	mg/kg							
Cadmium	ND	0.50	mg/kg							
Calcium	ND	15	mg/kg							
Chromium	ND	0.99	mg/kg							
Cobalt	ND	0.99	mg/kg							
Copper	ND	2.0	mg/kg							
Iron	ND	5.0	mg/kg							
Lead	ND	2.0	mg/kg							
Magnesium	ND	9.9	mg/kg							
Manganese	ND	0.99	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Phosphorus	ND	5.0	mg/kg							
Potassium	ND	50	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	0.99	mg/kg							
Sodium	ND	50	mg/kg							
Thallium	ND	9.9	mg/kg							
Vanadium	ND	0.99	mg/kg							
Zinc	ND	5.0	mg/kg							

### LCS Analyzed: 07/29/2010 (10G3314-BS1)

Aluminum	45.4	9.9	mg/kg	49.3		92	80-120
Antimony	45.8	9.9	mg/kg	49.3		93	80-120
Arsenic	48.6	2.0	mg/kg	49.3		99	80-120
Barium	48.3	0.99	mg/kg	49.3		98	80-120
Beryllium	47.8	0.49	mg/kg	49.3		97	80-120
Boron	46.0	4.9	mg/kg	49.3		93	80-120
Cadmium	46.4	0.49	mg/kg	49.3		94	80-120
Calcium	259	15	mg/kg	246		105	80-120
Chromium	46.5	0.99	mg/kg	49.3		94	80-120

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3314 Extracted: 07/29/10</b>										
<b>LCS Analyzed: 07/29/2010 (10G3314-BS1)</b>										
Cobalt	45.5	0.99	mg/kg	49.3		92	80-120			
Copper	47.2	2.0	mg/kg	49.3		96	80-120			
Iron	49.2	4.9	mg/kg	49.3		100	80-120			
Lead	47.0	2.0	mg/kg	49.3		95	80-120			
Magnesium	243	9.9	mg/kg	246		98	80-120			
Manganese	47.9	0.99	mg/kg	49.3		97	80-120			
Molybdenum	45.9	2.0	mg/kg	49.3		93	80-120			
Nickel	46.7	2.0	mg/kg	49.3		95	80-120			
Phosphorus	46.8	4.9	mg/kg	49.3		95	80-120			
Potassium	459	49	mg/kg	493		93	80-120			
Selenium	42.3	2.0	mg/kg	49.3		86	80-120			
Silver	23.4	0.99	mg/kg	24.6		95	80-120			
Sodium	491	49	mg/kg	493		100	80-120			
Thallium	47.0	9.9	mg/kg	49.3		95	80-120			
Vanadium	46.5	0.99	mg/kg	49.3		94	80-120			
Zinc	43.9	4.9	mg/kg	49.3		89	80-120			

### Matrix Spike Analyzed: 07/29/2010 (10G3314-MS1)

Source: ITG2074-01

Aluminum	7980	9.9	mg/kg	49.5	6980	2020	75-125			MHA
Antimony	27.1	9.9	mg/kg	49.5	1.38	52	75-125			M2
Arsenic	52.8	2.0	mg/kg	49.5	3.72	99	75-125			
Barium	95.0	0.99	mg/kg	49.5	48.4	94	75-125			
Beryllium	49.0	0.50	mg/kg	49.5	0.288	98	75-125			
Boron	49.5	5.0	mg/kg	49.5	3.65	93	75-125			
Cadmium	46.0	0.50	mg/kg	49.5	ND	93	75-125			
Calcium	2830	15	mg/kg	248	2710	49	75-125			MHA
Chromium	57.3	0.99	mg/kg	49.5	10.4	95	75-125			
Cobalt	48.4	0.99	mg/kg	49.5	3.49	91	75-125			
Copper	57.8	2.0	mg/kg	49.5	9.32	98	75-125			
Iron	12400	5.0	mg/kg	49.5	13300	-1810	75-125			MHA
Lead	163	2.0	mg/kg	49.5	64.7	200	75-125			MI
Magnesium	3490	9.9	mg/kg	248	3210	114	75-125			MHA
Manganese	228	0.99	mg/kg	49.5	188	80	75-125			
Molybdenum	45.8	2.0	mg/kg	49.5	0.471	92	75-125			
Nickel	54.5	2.0	mg/kg	49.5	7.29	95	75-125			
Phosphorus	497	5.0	mg/kg	49.5	478	38	75-125			MHA

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3314 Extracted: 07/29/10</b>										
<b>Matrix Spike Analyzed: 07/29/2010 (10G3314-MS1)</b>					<b>Source: ITG2074-01</b>					
Potassium	2430	50	mg/kg	495	1940	99	75-125			
Selenium	43.5	2.0	mg/kg	49.5	ND	88	75-125			
Silver	24.2	0.99	mg/kg	24.8	ND	98	75-125			
Sodium	582	50	mg/kg	495	112	95	75-125			
Thallium	46.5	9.9	mg/kg	49.5	ND	94	75-125			
Vanadium	73.3	0.99	mg/kg	49.5	26.3	95	75-125			
Zinc	68.2	5.0	mg/kg	49.5	24.7	88	75-125			
<b>Matrix Spike Dup Analyzed: 07/29/2010 (10G3314-MSD1)</b>					<b>Source: ITG2074-01</b>					
Aluminum	8560	9.9	mg/kg	49.5	6980	3200	75-125	7	20	MHA
Antimony	31.1	9.9	mg/kg	49.5	1.38	60	75-125	14	20	M2
Arsenic	59.2	2.0	mg/kg	49.5	3.72	112	75-125	11	20	
Barium	103	0.99	mg/kg	49.5	48.4	110	75-125	8	20	
Beryllium	54.1	0.50	mg/kg	49.5	0.288	109	75-125	10	20	
Boron	53.9	5.0	mg/kg	49.5	3.65	102	75-125	9	20	
Cadmium	50.4	0.50	mg/kg	49.5	ND	102	75-125	9	20	
Calcium	3050	15	mg/kg	248	2710	136	75-125	7	20	MHA
Chromium	63.3	0.99	mg/kg	49.5	10.4	107	75-125	10	20	
Cobalt	52.8	0.99	mg/kg	49.5	3.49	100	75-125	9	20	
Copper	63.4	2.0	mg/kg	49.5	9.32	109	75-125	9	20	
Iron	13200	5.0	mg/kg	49.5	13300	-116	75-125	7	20	MHA
Lead	131	2.0	mg/kg	49.5	64.7	134	75-125	22	20	MI, R-3
Magnesium	3720	9.9	mg/kg	248	3210	207	75-125	6	20	MHA
Manganese	245	0.99	mg/kg	49.5	188	114	75-125	7	20	
Molybdenum	51.1	2.0	mg/kg	49.5	0.471	102	75-125	11	20	
Nickel	60.5	2.0	mg/kg	49.5	7.29	107	75-125	10	20	
Phosphorus	537	5.0	mg/kg	49.5	478	119	75-125	8	20	MHA
Potassium	2600	50	mg/kg	495	1940	133	75-125	7	20	MI
Selenium	48.0	2.0	mg/kg	49.5	ND	97	75-125	10	20	
Silver	26.4	0.99	mg/kg	24.8	ND	107	75-125	9	20	
Sodium	632	50	mg/kg	495	112	105	75-125	8	20	
Thallium	52.0	9.9	mg/kg	49.5	ND	105	75-125	11	20	
Vanadium	79.0	0.99	mg/kg	49.5	26.3	106	75-125	7	20	
Zinc	74.0	5.0	mg/kg	49.5	24.7	99	75-125	8	20	

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3545 Extracted: 07/23/10</b>										
<b>Blank Analyzed: 07/23/2010 (10G3545-BLK1)</b>										
Mercury	ND	0.020	mg/kg							
<b>LCS Analyzed: 07/23/2010 (10G3545-BS1)</b>										
Mercury	0.854	0.020	mg/kg	0.800		107	80-120			
<b>Matrix Spike Analyzed: 07/23/2010 (10G3545-MS1)</b>										
					<b>Source: ITG2074-01</b>					
Mercury	0.652	0.020	mg/kg	0.800	0.0161	80	70-130			
<b>Matrix Spike Dup Analyzed: 07/23/2010 (10G3545-MSD1)</b>										
					<b>Source: ITG2074-01</b>					
Mercury	0.587	0.020	mg/kg	0.800	0.0161	71	70-130	11	20	

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G2702 Extracted: 07/23/10</b>										
<b>Duplicate Analyzed: 07/23/2010 (10G2702-DUP1)</b>										
pH	7.62	0.100	pH Units		7.54			1	5	
<b>Batch: 10G2703 Extracted: 07/23/10</b>										
<b>Duplicate Analyzed: 07/23/2010 (10G2703-DUP1)</b>										
Redox Potential (Eh)	402	0.10	mV		402			0	5	
<b>Batch: 10G2924 Extracted: 07/27/10</b>										
<b>Blank Analyzed: 07/27/2010 (10G2924-BLK1)</b>										
Total Dissolved Solids	ND	10	mg/kg							
<b>LCS Analyzed: 07/27/2010 (10G2924-BS1)</b>										
Total Dissolved Solids	1000	10	mg/kg	1000		100	90-110			
<b>Duplicate Analyzed: 07/27/2010 (10G2924-DUP1)</b>										
Total Dissolved Solids	77.0	10	mg/kg		78.0			1	20	
<b>Batch: 10G3031 Extracted: 07/27/10</b>										
<b>Blank Analyzed: 07/27/2010 (10G3031-BLK1)</b>										
Bromide	ND	5.0	mg/kg							
Chloride	ND	5.0	mg/kg							
Fluoride	ND	5.0	mg/kg							
Nitrate-N	ND	1.1	mg/kg							
Nitrite-N	ND	1.5	mg/kg							
Orthophosphate - PO4	ND	5.0	mg/kg							
Sulfate	ND	5.0	mg/kg							

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3031 Extracted: 07/27/10</b>										
<b>LCS Analyzed: 07/27/2010 (10G3031-BS1)</b>										
Bromide	47.9	5.0	mg/kg	50.0		96	90-110			
Chloride	45.7	5.0	mg/kg	50.0		91	90-110			
Fluoride	46.4	5.0	mg/kg	50.0		93	90-110			
Nitrate-N	10.9	1.1	mg/kg	11.3		96	90-110			
Nitrite-N	14.8	1.5	mg/kg	15.2		98	90-110			
Orthophosphate - PO4	47.4	5.0	mg/kg	50.0		95	90-110			
Sulfate	93.5	5.0	mg/kg	100		94	90-110			
<b>Matrix Spike Analyzed: 07/27/2010 (10G3031-MS1)</b>					<b>Source: ITG2074-01</b>					
Bromide	52.2	5.0	mg/kg	50.0	ND	104	80-120			
Chloride	49.3	5.0	mg/kg	50.0	4.00	91	80-120			
Fluoride	44.4	5.0	mg/kg	50.0	ND	89	80-120			
Nitrate-N	13.0	1.1	mg/kg	11.3	1.63	101	80-120			
Nitrite-N	15.4	1.5	mg/kg	15.2	ND	101	80-120			
Orthophosphate - PO4	58.1	5.0	mg/kg	50.0	6.54	103	80-120			
Sulfate	102	5.0	mg/kg	100	4.15	98	80-120			
<b>Matrix Spike Analyzed: 07/27/2010 (10G3031-MS2)</b>					<b>Source: ITG2199-20</b>					
Bromide	45.9	5.0	mg/kg	50.0	ND	92	80-120			
Chloride	89.6	5.0	mg/kg	50.0	44.2	91	80-120			
Fluoride	45.5	5.0	mg/kg	50.0	2.23	87	80-120			
Nitrate-N	12.2	1.1	mg/kg	11.3	2.13	89	80-120			
Nitrite-N	14.9	1.5	mg/kg	15.2	ND	98	80-120			
Orthophosphate - PO4	50.8	5.0	mg/kg	50.0	ND	102	80-120			
Sulfate	168	5.0	mg/kg	100	77.8	91	80-120			
<b>Matrix Spike Dup Analyzed: 07/27/2010 (10G3031-MSD1)</b>					<b>Source: ITG2074-01</b>					
Bromide	51.8	5.0	mg/kg	50.0	ND	104	80-120	0.8	20	
Chloride	48.4	5.0	mg/kg	50.0	4.00	89	80-120	2	20	
Fluoride	42.2	5.0	mg/kg	50.0	ND	84	80-120	5	20	
Nitrate-N	12.7	1.1	mg/kg	11.3	1.63	98	80-120	2	20	
Nitrite-N	15.5	1.5	mg/kg	15.2	ND	102	80-120	1	20	
Orthophosphate - PO4	56.7	5.0	mg/kg	50.0	6.54	100	80-120	2	20	
Sulfate	101	5.0	mg/kg	100	4.15	96	80-120	1	20	

TestAmerica Irvine

Lena Davidkova  
Project Manager

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3229 Extracted: 07/28/10</b>										
<b>Blank Analyzed: 07/28/2010 (10G3229-BLK1)</b>										
Chromium VI	ND	1.0	mg/kg							
<b>LCS Analyzed: 07/28/2010 (10G3229-BS1)</b>										
Chromium VI	15.2	1.0	mg/kg	16.0		95	80-120			
<b>Matrix Spike Analyzed: 07/28/2010 (10G3229-MS1)</b>										
Chromium VI	9.23	1.0	mg/kg	16.0	ND	58	75-125			M2
<b>Matrix Spike Analyzed: 07/28/2010 (10G3229-MS2)</b>										
Chromium VI	1240	100	mg/kg	1490	ND	83	75-125			
<b>Matrix Spike Dup Analyzed: 07/28/2010 (10G3229-MSD1)</b>										
Chromium VI	9.72	1.0	mg/kg	16.0	ND	61	75-125	5	20	M2
<b>Batch: 10G3320 Extracted: 07/29/10</b>										
<b>Blank Analyzed: 07/29/2010 (10G3320-BLK1)</b>										
Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg							
Bicarbonate Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg							
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg							
Hydroxide Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg							
<b>LCS Analyzed: 07/29/2010 (10G3320-BS1)</b>										
Alkalinity as CaCO <sub>3</sub>	580	4.0	mg/kg	576		101	90-110			
<b>Duplicate Analyzed: 07/29/2010 (10G3320-DUP1)</b>										
Alkalinity as CaCO <sub>3</sub>	900	100	mg/kg		850			6	20	
Bicarbonate Alkalinity as CaCO <sub>3</sub>	900	100	mg/kg		850			6	20	
Carbonate Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg		ND				20	
Hydroxide Alkalinity as CaCO <sub>3</sub>	ND	100	mg/kg		ND				20	

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Sampled: 07/22/10  
 Received: 07/22/10

## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 10G3536 Extracted: 07/30/10</b>										
<b>Blank Analyzed: 07/30/2010 (10G3536-BLK1)</b>										
Surfactants (MBAS)	ND	0.10	mg/kg							
<b>LCS Analyzed: 07/30/2010 (10G3536-BS1)</b>										
Surfactants (MBAS)	0.254	0.10	mg/kg	0.250		101	90-110			
<b>Matrix Spike Analyzed: 07/30/2010 (10G3536-MS1)</b>										
Surfactants (MBAS)	2.51	1.0	mg/kg	2.50	ND	100	50-125			
<b>Matrix Spike Dup Analyzed: 07/30/2010 (10G3536-MSD1)</b>										
Surfactants (MBAS)	2.43	1.0	mg/kg	2.50	ND	97	50-125	3	20	

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 Project Manager



Nursery Products  
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Report Number: ITG2074

Sampled: 07/22/10

Received: 07/22/10

## METHOD BLANK/QC DATA

**2540G\_0207157x**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 207157 Extracted: 07/26/10</b>									
<b>Duplicate Analyzed: 07/27/2010 (C0G240462001X)</b>									
Percent Solids	84.5	1	%		85.2	-			
					<b>Source: C0G240462001</b>				

**TestAmerica Irvine**

Lena Davidkova  
Project Manager

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**ITG2074 <Page 39 of 45>**

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility  
Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### SW846 8141Ax

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 207389 Extracted: 07/26/10</b>										
<b>Blank Analyzed: 07/31/2010 (C0G260000389B)</b>					<b>Source:</b>					
Azinphos-methyl	ND	33	ug/kg				-			
Bolstar	ND	33	ug/kg				-			
Chlorpyrifos	ND	33	ug/kg				-			
Coumaphos	ND	33	ug/kg				-			
Demeton (total)	ND	33	ug/kg				-			
Demeton-O	ND	33	ug/kg				-			
Demeton-S	ND	33	ug/kg				-			
Diazinon	ND	33	ug/kg				-			
Dichlorvos	ND	33	ug/kg				-			
Dimethoate	ND	33	ug/kg				-			
Disulfoton	ND	33	ug/kg				-			
EPN	ND	33	ug/kg				-			
Ethoprop	ND	33	ug/kg				-			
Famphur	ND	33	ug/kg				-			
Fensulfothion	ND	33	ug/kg				-			
Fenthion	ND	33	ug/kg				-			
Malathion	ND	33	ug/kg				-			
Methyl parathion	ND	33	ug/kg				-			
Mevinphos	ND	33	ug/kg				-			
O,O,O-Triethyl phosphorothioate	ND	33	ug/kg				-			
Parathion	ND	33	ug/kg				-			
Phorate	ND	33	ug/kg				-			
Ronnel	ND	33	ug/kg				-			
Stirophos	ND	33	ug/kg				-			
Sulfotepp	ND	33	ug/kg				-			
Thionazin	ND	33	ug/kg				-			
Tokuthion	ND	33	ug/kg				-			
Trichloronate	ND	33	ug/kg				-			
Surrogate: Tributyl phosphate	320		ug/kg	333		97	55-125			
Surrogate: Triphenyl phosphate	320		ug/kg	333		96	47-130			

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Nursery Products  
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Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility  
Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### SW846 8141Ax

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 207389 Extracted: 07/26/10</b>										
<b>LCS Analyzed: 07/31/2010 (C0G260000389C)</b>					<b>Source:</b>					
Dimethoate	390	33	ug/kg	333		117	40-143			
Disulfoton	306	33	ug/kg	333		92	31-136			
Famphur	321	33	ug/kg	333		96	54-137			
Methyl parathion	313	33	ug/kg	333		94	43-146			
O,O,O-Triethyl phosphorothioate	301	33	ug/kg	333		90	45-130			
Parathion	339	33	ug/kg	333		102	52-133			
Phorate	330	33	ug/kg	333		99	41-143			
Sulfotepp	311	33	ug/kg	333		93	48-126			
Thionazin	304	33	ug/kg	333		91	48-126			
Surrogate: Tributyl phosphate	339		ug/kg	333		102	55-125			
Surrogate: Triphenyl phosphate	328		ug/kg	333		98	47-130			
<b>LCS Dup Analyzed: 07/31/2010 (C0G260000389L)</b>					<b>Source:</b>					
Dimethoate	417	33	ug/kg	333		125	40-143	6.8	30	
Disulfoton	326	33	ug/kg	333		98	31-136	6.4	30	
Famphur	341	33	ug/kg	333		102	54-137	6	30	
Methyl parathion	328	33	ug/kg	333		98	43-146	4.6	30	
O,O,O-Triethyl phosphorothioate	322	33	ug/kg	333		96	45-130	6.7	30	
Parathion	363	33	ug/kg	333		109	52-133	7	30	
Phorate	350	33	ug/kg	333		105	41-143	5.9	30	
Sulfotepp	330	33	ug/kg	333		99	48-126	5.8	28	
Thionazin	324	33	ug/kg	333		97	48-126	6.4	27	
Surrogate: Tributyl phosphate	354		ug/kg	333		106	55-125			
Surrogate: Triphenyl phosphate	339		ug/kg	333		102	47-130			

TestAmerica Irvine

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Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## METHOD BLANK/QC DATA

### SW846 8151Ax

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 207464 Extracted: 07/26/10</b>										
<b>Blank Analyzed: 07/31/2010 (C0G260000464B)</b>					<b>Source:</b>					
2,4,5-T	ND	20	ug/kg				-			
2,4,5-TP (Silvex)	ND	20	ug/kg				-			
2,4-D	ND	80	ug/kg				-			
2,4-DB	ND	80	ug/kg				-			
Dalapon	ND	90	ug/kg				-			
Dicamba	ND	40	ug/kg				-			
Dichlorprop	ND	80	ug/kg				-			
Dinoseb	ND	12	ug/kg				-			
MCPA	ND	8000	ug/kg				-			
MCPP	ND	8000	ug/kg				-			
Pentachlorophenol	ND	11	ug/kg				-			
Surrogate: DCAA	170		ug/kg	200		84	42-140			
<b>LCS Analyzed: 07/31/2010 (C0G260000464C)</b>					<b>Source:</b>					
2,4,5-T	45.7	20	ug/kg	80.0		57	30-140			
2,4,5-TP (Silvex)	53.8	20	ug/kg	80.0		67	40-130			
2,4-D	173	80	ug/kg	320		54	30-140			
2,4-DB	188	80	ug/kg	320		59	34-140			
Dalapon	93.9	90	ug/kg	160		59	36-120			
Dicamba	125	40	ug/kg	160		78	50-140			
Dichlorprop	229	80	ug/kg	320		72	50-130			
Dinoseb	26.6	12	ug/kg	48.0		55	10-140			
MCPA	17900	8000	ug/kg	32000		56	50-120			
MCPP	23700	8000	ug/kg	32000		74	50-140			
Pentachlorophenol	36.2	11	ug/kg	40.0		90	60-140			
Surrogate: DCAA	169		ug/kg	200		84	42-140			
<b>LCS Dup Analyzed: 07/31/2010 (C0G260000464L)</b>					<b>Source:</b>					
2,4,5-T	46.7	20	ug/kg	80.0		58	30-140	2.1	30	
2,4,5-TP (Silvex)	56.3	20	ug/kg	80.0		70	40-130	4.6	30	
2,4-D	185	80	ug/kg	320		58	30-140	7	30	
2,4-DB	224	80	ug/kg	320		70	34-140	17	30	
Dalapon	111	90	ug/kg	160		69	36-120	17	30	
Dicamba	135	40	ug/kg	160		84	50-140	7.8	30	
Dichlorprop	234	80	ug/kg	320		73	50-130	2.3	30	
Dinoseb	22	12	ug/kg	48.0		46	10-140	19	30	
MCPA	17300	8000	ug/kg	32000		54	50-120	3.1	30	

**TestAmerica Irvine**

Lena Davidkova  
Project Manager

Nursery Products  
 7580 SVL Box  
 Victorville, CA 92395  
 Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
 Received: 07/22/10

## METHOD BLANK/QC DATA

### SW846 8151Ax

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 207464 Extracted: 07/26/10</b>										
<b>LCS Dup Analyzed: 07/31/2010 (C0G260000464L)</b>										
MCCP	24400	8000	ug/kg	32000		76	50-140	2.9	30	
Pentachlorophenol	39.5	11	ug/kg	40.0		99	60-140	8.8	30	
Surrogate: DCAA	173		ug/kg	200		87	42-140			

TestAmerica Irvine

Lena Davidkova  
 Project Manager

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7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## DATA QUALIFIERS AND DEFINITIONS

- C** Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- M1** The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- MNR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- R-3** The RPD exceeded the acceptance limit due to sample matrix effects.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

## ADDITIONAL COMMENTS

### For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

**TestAmerica Irvine**

Lena Davidkova  
Project Manager

Nursery Products  
7580 SVL Box  
Victorville, CA 92395  
Attention: Chris Seney

Project ID: Hawes Composting Facility

Report Number: ITG2074

Sampled: 07/22/10  
Received: 07/22/10

## Certification Summary

### TestAmerica Irvine

Method	Matrix	Nelac	California
3060A/7196A	Soil	X	X
EPA 300.0	Soil	X	X
EPA 3546/8081A	Soil		
EPA 6010B	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8260B	Soil	X	X
EPA 8270C	Soil	X	X
EPA 9045C	Soil	X	X
SM 2580B	Soil	N/A	N/A
SM2320B-MOD	Soil	N/A	N/A
SM2540C	Soil	X	X
SM5540-C MOD.	Soil	N/A	N/A

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### Subcontracted Laboratories

#### TestAmerica Pittsburgh

301 Alpha Drive - Pittsburgh, PA 15238

Method Performed: 2540G\_0207157  
Samples: ITG2074-01

Method Performed: SW846 8141A  
Samples: ITG2074-01

Method Performed: SW846 8151A  
Samples: ITG2074-01

#### Western Analytical Laboratories-SUB

13744 Monte Vista Avenue - Chino, CA 91710

Analysis Performed: TKN  
Samples: ITG2074-01

### TestAmerica Irvine

Lena Davidkova  
Project Manager

CHAIN OF CUSTODY FORM

PM-LENA DAVIDKOVA

JTF 2074

Page 1 of 1

Client Name/Address: CHRIS SENEY NURSERY PRODUCTS 12277 APPLE VALLEY RD, #131 APPLE VALLEY, CA 92308		Project / PO Number: HAWES COMPOST FACILITY BACK GROUND SOIL SAMPLE			ANALYSIS REQUIRED					
Project Manager/Phone Number: CHRIS SENEY 760-272-1224 Sampler: CHRIS SENEY		Phone Number: 760-272-1224 Fax Number: 949-366-2117			SEE ATTACHED LAHDONTAN RUGGLES ATTACHMENT					

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation	Special Instructions					
BACKGROUND SOIL	S		1	7/22/10 7AM	NONE	<p style="font-size: 2em;">CSA</p> <p style="font-size: 2em;">7/23/10</p> <p style="font-size: 2em;">10:10</p>					

Relinquished By <i>[Signature]</i>	Date/Time: 7/22/10 1005	Received by <i>[Signature]</i>	Date/Time: 7/22/10 1005	Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal <input checked="" type="checkbox"/>
Relinquished By <i>[Signature]</i>	Date/Time: 7/22/10 1035	Received by <i>[Signature]</i>	Date/Time: 7/22/10 1035	Sample Integrity: (Check) Intact <input checked="" type="checkbox"/> On Ice: <input checked="" type="checkbox"/> Custody Seal: <u>  68  </u>
Relinquished By <i>[Signature]</i>	Date/Time: 7/22/10 1710	Received in Lab by <i>[Signature]</i>	Date/Time: 7/22/10 1710	

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Samples will be disposed of after 90 days.

22W03

26.0



**Table 3- UNSATURATED ZONE - WASTE PILE  
Monitoring Parameters and Constituents of Concern**

Field Parameters	Units	Monitoring Frequency
Composting Pad Thickness	Inches	Annually
Sample Locations	Northing and Easting	Annually
Monitoring Parameters	Units	Monitoring Frequency
Aluminum	mg/kg	Annually
Antimony	mg/kg	Annually
Arsenic	mg/kg	Annually
Copper	mg/kg	Annually
Iron	mg/kg	Annually
Manganese	mg/kg	Annually
MBAS	mg/kg	Annually
Nickel	mg/kg	Annually
Nitrate as Nitrogen	mg/kg	Annually
Sulfate	mg/kg	Annually
TDS	mg/kg	Annually
Constituents of Concern	Units	Monitoring Frequency
Barium	mg/kg	Five Year
Beryllium	mg/kg	Five Year
Bicarbonate	mg/kg	Five Year
Boron	mg/kg	Five Year
Bromide	mg/kg	Five Year
Cadmium	mg/kg	Five Year
Calcium	mg/kg	Five Year
Carbonate	mg/kg	Five Year
Chloride	mg/kg	Five Year
Chromium (hexavalent)	µg/kg	Five Year
Chromium (total)	µg/kg	Five Year
Cobalt	mg/kg	Five Year
Fluoride	mg/kg	Five Year
Total Kjeldahl Nitrogen	mg/kg	Five Year
Lead	mg/kg	Five Year
Magnesium	mg/kg	Five Year
Mercury	mg/kg	Five Year
Molybdenum	mg/kg	Five Year
Nitrite (as Nitrogen)	mg/kg	Five Year
Orthophosphate Phosphorous	mg/kg	Five Year
Phosphate	mg/kg	Five Year
Potassium	mg/kg	Five Year
Selenium	mg/kg	Five Year
Silver	mg/kg	Five Year
Sodium	mg/kg	Five Year
Thallium	mg/kg	Five Year
Total Alkalinity	mg/kg	Five Year
Total Anions	mg/kg	Five Year
Total Cations	mg/kg	Five Year

Table 3- UNSATURATED ZONE - WASTE PILE, Continued

Constituents of Concern	Units	Monitoring Frequency
Total Phosphorus	mg/kg	Five Year
Vanadium	mg/kg	Five Year
Zinc	mg/kg	Five Year
VOCs	µg/kg	Five Year
SVOCs	µg/kg	Five Year
Organochlorine Pesticides	µg/kg	Five Year
Organophosphorus Pesticides	µg/kg	Five Year
Chlorinated Herbicides	µg/kg	Five Year
CCR, Title 22 Metals	mg/kg	Five Year

CCR = California Code of Regulations  
MBAS = Methylene Blue Active Substances  
µg/kg = Micrograms per kilogram  
mg/L = Milligrams per kilogram  
SVOC = Semi-Volatile Organic Compound  
TDS = Total Dissolved Solids  
VOC = Volatile Organic Compound

# WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE - CHINO, CALIFORNIA 91710-5512 - PHONE (909) 627-3628 - FAX (909) 627-0491 - www.walab.com

DATE RECEIVED: 07/26/10  
DATE REPORTED: 08/11/10  
CUSTOMER: TESTAMERICA IRVINE  
ADDRESS: 17461 DERIAN AVE STE 100, IRVINE, CA 92614  
ATTENTION: LENA DAVIDKOVA  
SAMPLE I.D.: SOLID  
SAMPLED BY: Customer  
DATE ANALYZED: 08/09/10

WAL NO.: 10070315  
T248TKN2  
PROJECT # ITG2074  
T248

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WAL NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE IDENTIFICATION	TKN mg/Kg
10070315 A	07/22/10	7:00	ITG2074-01(BACKGROUND SOIL-SOIL)	2,100

Samples analyzed using SM4500-Norg C. Method Detection Limit = 10 mg/Kg.



Joseph P. Zimmer, President

JZ

STATE CERTIFIED LABORATORY - INDUSTRIAL WASTE WATER - HAZARDOUS WASTE - DOMESTIC WATER  
METAL FINISHING SOLUTION ANALYSIS AND PROCESS CONTROL