

Wilson, Tabatha

From: Gilliam, Allen
Sent: Wednesday, December 04, 2013 12:04 PM
To: randel.davis@badboymowers.com
Cc: Fuller, Kim; Wilson, Tabatha; batesville eugene townsley; batesville mike mcdaniel
Subject: AR0020702_Bad Boy 1 ARP001027 Bad Boy 2 ARP001028 Dec 2013 semi annual Pretreatment reports and ADEQ reply_20131204
Attachments: American Interplex Test Results.pdf; AR Test Labs Report #1.pdf; AR Test Labs Report #2.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Randel,

Your two (2) semi-annual reports for Bad Boy Mowers (#1) and Bad Boy MTVs (#2) were received, reviewed, deemed complete and compliant with the reporting requirements in the Federal Pretreatment Reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.17. No further action is deemed necessary at this time.

Please keep this office apprised of the restructuring of Bad Boy (BB) when the MTV "division" (?) is separated completely from the BB Mower "division". Hopefully the forms sent to you from this office will facilitate the "on paper" restructuring.

Thank you for your timely reports remaining in compliance with the Federal Pretreatment Requirements.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

Ec: Eugene Townsley, Batesville Water Utilities Superintendent
Mike McDaniel, Batesville Pretreatment Coordinator

E/NPDES/NPDES/Pretreatment/Reports

From: Randel Davis [<mailto:randel.davis@badboymowers.com>]
Sent: Tuesday, December 03, 2013 12:20 PM
To: Gilliam, Allen
Subject: FW: Reports

Here are my reports for paint shop #1 and #2 for December

Thanks

Randel

Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for samples submitted on November 5, 2013. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arkatl@sbcglobal.net

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on November 5, 2013
2292
P.O. No. 2292

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
172184-1	Paint Shop #1 10-30-13 1205pm	30-Oct-2013 1205	
172184-2	Paint Shop #2 10-30-13 1215pm	30-Oct-2013 1215	

Qualifiers:

R n-Nitrosodiphenylamine cannot be separated from diphenylamine

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", 21st edition.
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 172184-1

Sample Identification: Paint Shop #1 10-30-13 1205pm

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	

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ANALYTICAL RESULTS

AIC No. 172184-1 (Continued)

Sample Identification: Paint Shop #1 10-30-13 1205pm

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Di-n-octyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,4-Dichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Diethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Dimethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,4-Dimethylphenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
4,6-Dinitro-o-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,4-Dinitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,4-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,6-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
1,2-Diphenylhydrazine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Fluorene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Hexachlorobutadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Hexachlorocyclopentadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Hexachloroethane EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Isophorone EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	

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ANALYTICAL RESULTS
AIC No. 172184-1 (Continued)

Sample Identification: Paint Shop #1 10-30-13 1205pm

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
n-Nitrosodi-n-propylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
n-Nitrosodimethylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
n-Nitrosodiphenylamine EPA 625	< 5.0	5.0	ug/l	R
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Naphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Nitrobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
4-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
p-Chloro-m-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Phenanthrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Phenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
1,2,4-Trichlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
2,4,6-Trichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	83.8		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	70.0		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	85.0		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	89.8		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	84.8		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2223 by 306		Batch: B8634	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25	25	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	

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ANALYTICAL RESULTS

AIC No. 172184-1 (Continued)

Sample Identification: Paint Shop #1 10-30-13 1205pm

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	

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ANALYTICAL RESULTS
AIC No. 172184-1 (Continued)

Sample Identification: Paint Shop #1 10-30-13 1205pm

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Methyl bromide(Bromomethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Methyl chloride(Chloromethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Methylene chloride EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,1,2,2-Tetrachloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Tetrachloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Toluene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,1,1-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
1,1,2-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Trichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Vinyl chloride EPA 624	< 2.0	2.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	98.4		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	85.8		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	96.4		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0321 by 306		Batch: V8381	

AIC No. 172184-2

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	

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ANALYTICAL RESULTS

AIC No. 172184-2 (Continued)

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Benzidine EPA 625	< 25	25	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Di-n-octyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	

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ANALYTICAL RESULTS

AIC No. 172184-2 (Continued)

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
2,4-Dichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Diethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Dimethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2,4-Dimethylphenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
4,6-Dinitro-o-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2,4-Dinitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2,4-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2,6-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
1,2-Diphenylhydrazine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Fluorene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Hexachlorobutadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Hexachlorocyclopentadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Hexachloroethane EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Isophorone EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
n-Nitrosodi-n-propylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
n-Nitrosodimethylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
n-Nitrosodiphenylamine EPA 625	< 5.0	5.0	ug/l	R
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	

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ANALYTICAL RESULTS

AIC No. 172184-2 (Continued)

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Naphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Nitrobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
4-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
p-Chloro-m-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Phenanthrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Phenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
1,2,4-Trichlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
2,4,6-Trichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	80.2		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	61.5		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	80.5		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	94.8		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	89.5		%	
Prep: 05-Nov-2013 1412 by 301	Analyzed: 05-Nov-2013 2258 by 306		Batch: B8634	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25	25	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	

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ANALYTICAL RESULTS

AIC No. 172184-2 (Continued)

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Ethylbenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Methyl bromide(Bromomethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	

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ANALYTICAL RESULTS

AIC No. 172184-2 (Continued)

Sample Identification: Paint Shop #2 10-30-13 1215pm

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Methyl chloride(Chloromethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Methylene chloride EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,1,2,2-Tetrachloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Tetrachloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Toluene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,1,1-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
1,1,2-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Trichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Vinyl chloride EPA 624	< 2.0	2.0	ug/l	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	101		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	95.6		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	97.7		%	
Prep: 05-Nov-2013 1446 by 306	Analyzed: 06-Nov-2013 0358 by 306		Batch: V8381	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds								
Acenaphthene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Acenaphthylene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Anthracene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Benzidine	172184-2	< 25 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 25 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Benzo(a)anthracene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Benzo(a)pyrene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Benzo(g,h,i)perylene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Benzo(k)fluoranthene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
3,4-Benzofluoranthene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Bis(2-chloroethoxy)methane	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Bis(2-chloroethyl)ether	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Bis(2-chloroisopropyl)ether	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Bis(2-ethylhexyl)phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
4-Bromophenyl phenyl ether	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Butylbenzyl phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2-Chloronaphthalene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2-Chlorophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
4-Chlorophenyl phenyl ether	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Chrysene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Di-n-butyl phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Di-n-octyl phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Dibenz(a,h)anthracene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
3,3'-Dichlorobenzidine	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634	Duplicate < 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	Limit	Preparation Date	Analysis Date	Dil	Qual
2,4-Dichlorophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Diethyl phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Dimethyl phthalate	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2,4-Dimethylphenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
4,6-Dinitro-o-cresol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2,4-Dinitrophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2,4-Dinitrotoluene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2,6-Dinitrotoluene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
1,2-Diphenylhydrazine	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Fluoranthene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Fluorene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Hexachlorobenzene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Hexachlorobutadiene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Hexachlorocyclopentadiene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Hexachloroethane	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Indeno(1,2,3-cd)pyrene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Isophorone	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
n-Nitrosodi-n-propylamine	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
n-Nitrosodimethylamine	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
n-Nitrosodiphenylamine	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		R
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		R
Naphthalene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Nitrobenzene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2-Nitrophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
4-Nitrophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)								
p-Chloro-m-cresol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Pentachlorophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Phenanthrene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Phenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
Pyrene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
1,2,4-Trichlorobenzene	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2,4,6-Trichlorophenol	172184-2	< 5.0 ug/l			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1414 by 301	05Nov13 2147 by 306		
2-Fluorobiphenyl (50.0-110%)	172184-2	80.2 %			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	88.0 %			05Nov13 1414 by 301	05Nov13 2147 by 306		
2-Fluorophenol (20.0-110%)	172184-2	61.5 %			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	73.2 %			05Nov13 1414 by 301	05Nov13 2147 by 306		
Nitrobenzene-D5 (40.0-110%)	172184-2	80.5 %			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	90.5 %			05Nov13 1414 by 301	05Nov13 2147 by 306		
Terphenyl-D14 (50.0-135%)	172184-2	94.8 %			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	96.0 %			05Nov13 1414 by 301	05Nov13 2147 by 306		
2,4,6-Tribromophenol (40.0-125%)	172184-2	89.5 %			05Nov13 1412 by 301	05Nov13 2258 by 306		
	Batch: B8634 Duplicate	90.8 %			05Nov13 1414 by 301	05Nov13 2147 by 306		
Volatile Organic Compounds								
Acrolein	172074-1	< 25 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 25 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Acrylonitrile	172074-1	< 25 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 25 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Benzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Bromodichloromethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Bromoform	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Bromomethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Carbon tetrachloride	172074-1	< 2.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 2.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Chlorobenzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Chloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
2-Chloroethyl vinyl ether	172074-1	< 10 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 10 ug/l	0.00	20.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Chloroform	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)								
Chloromethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Dibromochloromethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,2-Dichlorobenzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,3-Dichlorobenzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,4-Dichlorobenzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,1-Dichloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,2-Dichloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,1-Dichloroethene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
trans-1,2-Dichloroethene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,2-Dichloropropane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
cis-1,3-Dichloropropene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
trans-1,3-Dichloropropene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Ethylbenzene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Methylene chloride	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,1,2,2-Tetrachloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Tetrachloroethene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Toluene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,1,1-Trichloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
1,1,2-Trichloroethane	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Trichloroethene	172074-1	< 5.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 5.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
Vinyl chloride	172074-1	< 2.0 ug/l			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	< 2.0 ug/l	0.00	30.0	05Nov13 1447 by 306	06Nov13 0205 by 306		
4-Bromofluorobenzene (75.0-120%)	172074-1	100 %			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	99.9 %			05Nov13 1447 by 306	06Nov13 0205 by 306		
Dibromofluoromethane (85.0-115%)	172074-1	85.5 %			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	95.3 %			05Nov13 1447 by 306	06Nov13 0205 by 306		

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DUPLICATE RESULTS

<u>Analyte</u>	<u>AIC No.</u>	<u>Result</u>	<u>RPD</u>	<u>RPD Limit</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Toluene-D8 (85.0-120%)	172074-1	97.4 %			05Nov13 1446 by 306	06Nov13 0128 by 306		
	Batch: V8381 Duplicate	96.5 %			05Nov13 1447 by 306	06Nov13 0205 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	81.8	45.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Acenaphthylene	40 ug/l	82.2	50.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Anthracene	40 ug/l	85.2	55.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Benzidine	100 ug/l	10.9	0.00-36.6			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Benzo(a)anthracene	40 ug/l	87.8	55.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Benzo(a)pyrene	40 ug/l	87.8	55.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Benzo(g,h,i)perylene	40 ug/l	94.5	40.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Benzo(k)fluoranthene	40 ug/l	89.8	45.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
3,4-Benzofluoranthene	40 ug/l	85.8	45.0-120			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Bis(2-chloroethoxy)methane	40 ug/l	85.2	45.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Bis(2-chloroethyl)ether	40 ug/l	86.0	35.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Bis(2-chloroisopropyl)ether	40 ug/l	84.5	25.0-130			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Bis(2-ethylhexyl)phthalate	40 ug/l	96.0	40.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
4-Bromophenyl phenyl ether	40 ug/l	89.0	50.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Butylbenzyl phthalate	40 ug/l	99.8	45.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2-Chloronaphthalene	40 ug/l	81.2	50.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2-Chlorophenol	40 ug/l	82.8	35.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	80.8	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Chrysene	40 ug/l	88.2	55.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Di-n-butyl phthalate	40 ug/l	84.0	55.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Di-n-octyl phthalate	40 ug/l	97.0	35.0-135			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Dibenz(a,h)anthracene	40 ug/l	93.2	40.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
1,2-Dichlorobenzene	40 ug/l	67.8	35.0-100			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
1,3-Dichlorobenzene	40 ug/l	65.0	30.0-100			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
1,4-Dichlorobenzene	40 ug/l	66.5	30.0-100			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
3,3'-Dichlorobenzidine	40 ug/l	114	15.3-123			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4-Dichlorophenol	40 ug/l	84.5	50.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Diethyl phthalate	40 ug/l	82.8	40.0-120			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Dimethyl phthalate	40 ug/l	78.0	25.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4-Dimethylphenol	40 ug/l	80.5	30.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
4,6-Dinitro-o-cresol	40 ug/l	82.8	40.0-130			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4-Dinitrophenol	40 ug/l	47.0	15.0-140			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4-Dinitrotoluene	40 ug/l	83.8	50.0-120			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,6-Dinitrotoluene	40 ug/l	86.0	50.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
1,2-Diphenylhydrazine	40 ug/l	91.2	55.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Fluoranthene	40 ug/l	76.8	55.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Fluorene	40 ug/l	81.8	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Hexachlorobenzene	40 ug/l	88.0	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Hexachlorobutadiene	40 ug/l	58.5	25.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Hexachlorocyclopentadiene	40 ug/l	64.0	22.8-104			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)										
Hexachloroethane	40 ug/l	60.5	30.0-100			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	90.5	45.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Isophorone	40 ug/l	83.0	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
n-Nitrosodi-n-propylamine	40 ug/l	89.0	35.0-130			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
n-Nitrosodimethylamine	40 ug/l	68.0	25.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
n-Nitrosodiphenylamine	40 ug/l	90.0	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Naphthalene	40 ug/l	78.0	40.0-100			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Nitrobenzene	40 ug/l	84.5	45.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2-Nitrophenol	40 ug/l	87.0	40.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
4-Nitrophenol	40 ug/l	51.0	0.00-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
p-Chloro-m-cresol	40 ug/l	85.8	45.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Pentachlorophenol	40 ug/l	74.8	40.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Phenanthrene	40 ug/l	85.0	50.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Phenol	40 ug/l	53.2	0.00-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Pyrene	40 ug/l	108	50.0-130			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
1,2,4-Trichlorobenzene	40 ug/l	72.0	35.0-105			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4,6-Trichlorophenol	40 ug/l	90.0	50.0-115			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	86.2	50.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2-Fluorophenol	40 ug/l	70.8	20.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Nitrobenzene-D5	40 ug/l	91.0	40.0-110			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Terphenyl-D14	40 ug/l	115	50.0-135			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
2,4,6-Tribromophenol	40 ug/l	96.2	40.0-125			B8634	05Nov13 1414 by 301	05Nov13 2035 by 306		
Volatile Organic Compounds										
Acrolein	100 ug/l	99.6	34.0-150			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Acrylonitrile	100 ug/l	95.6	78.3-128			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Benzene	20 ug/l	94.2	80.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Bromodichloromethane	20 ug/l	119	75.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Bromoform	20 ug/l	99.7	70.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Bromomethane	20 ug/l	108	30.0-145			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Carbon tetrachloride	20 ug/l	97.8	65.0-140			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Chlorobenzene	20 ug/l	110	80.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Chloroethane	20 ug/l	102	60.0-135			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
2-Chloroethyl vinyl ether	40 ug/l	114	74.5-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Chloroform	20 ug/l	99.8	65.0-135			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Chloromethane	20 ug/l	97.0	40.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Dibromochloromethane	20 ug/l	99.4	60.0-135			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,2-Dichlorobenzene	20 ug/l	108	70.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,3-Dichlorobenzene	20 ug/l	110	75.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		

Arkansas Testing Laboratories
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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
1,4-Dichlorobenzene	20 ug/l	112	75.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,1-Dichloroethane	20 ug/l	105	70.0-135			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,2-Dichloroethane	20 ug/l	117	70.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,1-Dichloroethene	20 ug/l	83.9	70.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
trans-1,2-Dichloroethene	20 ug/l	88.6	60.0-140			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,2-Dichloropropane	20 ug/l	110	75.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
cis-1,3-Dichloropropene	20 ug/l	110	70.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
trans-1,3-Dichloropropene	20 ug/l	111	55.0-140			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Ethylbenzene	20 ug/l	109	75.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Methylene chloride	20 ug/l	101	55.0-140			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,1,2,2-Tetrachloroethane	20 ug/l	108	65.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Tetrachloroethene	20 ug/l	101	45.0-150			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Toluene	20 ug/l	115	75.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,1,1-Trichloroethane	20 ug/l	99.4	65.0-130			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
1,1,2-Trichloroethane	20 ug/l	117	75.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Trichloroethene	20 ug/l	104	70.0-125			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Vinyl chloride	20 ug/l	97.6	50.0-145			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	102	75.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Dibromofluoromethane	50 ug/l	95.9	85.0-115			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		
Toluene-D8	50 ug/l	94.9	85.0-120			V8381	05Nov13 1447 by 306	05Nov13 2220 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds									
Acenaphthene	172184-1	40 ug/l	74.0	45.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Acenaphthylene	172184-1	40 ug/l	74.2	50.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Anthracene	172184-1	40 ug/l	78.5	55.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Benzdine	172184-1	100 ug/l	19.8	0.00-26.6	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Benzo(a)anthracene	172184-1	40 ug/l	78.5	55.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Benzo(a)pyrene	172184-1	40 ug/l	80.2	55.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Benzo(g,h,i)perylene	172184-1	40 ug/l	77.2	40.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Benzo(k)fluoranthene	172184-1	40 ug/l	79.8	45.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
3,4-Benzofluoranthene	172184-1	40 ug/l	79.5	45.0-120	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Bis(2-chloroethoxy)methane	172184-1	40 ug/l	75.5	45.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Bis(2-chloroethyl)ether	172184-1	40 ug/l	75.0	35.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Bis(2-chloroisopropyl)ether	172184-1	40 ug/l	78.2	25.0-130	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Bis(2-ethylhexyl)phthalate	172184-1	40 ug/l	95.8	40.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
4-Bromophenyl phenyl ether	172184-1	40 ug/l	80.8	50.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Butylbenzyl phthalate	172184-1	40 ug/l	82.0	45.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2-Chloronaphthalene	172184-1	40 ug/l	72.0	50.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2-Chlorophenol	172184-1	40 ug/l	73.2	35.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
4-Chlorophenyl phenyl ether	172184-1	40 ug/l	75.0	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Chrysene	172184-1	40 ug/l	80.5	55.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Di-n-butyl phthalate	172184-1	40 ug/l	75.2	55.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Di-n-octyl phthalate	172184-1	40 ug/l	84.0	35.0-135	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Dibenz(a,h)anthracene	172184-1	40 ug/l	77.2	40.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
1,2-Dichlorobenzene	172184-1	40 ug/l	61.8	35.0-100	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
1,3-Dichlorobenzene	172184-1	40 ug/l	58.8	30.0-100	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
1,4-Dichlorobenzene	172184-1	40 ug/l	61.0	30.0-100	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
3,3'-Dichlorobenzidine	172184-1	40 ug/l	122	0.00-138	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4-Dichlorophenol	172184-1	40 ug/l	76.0	50.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Diethyl phthalate	172184-1	40 ug/l	76.0	40.0-120	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Dimethyl phthalate	172184-1	40 ug/l	74.8	25.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4-Dimethylphenol	172184-1	40 ug/l	69.0	30.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
4,6-Dinitro-o-cresol	172184-1	40 ug/l	72.0	40.0-130	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4-Dinitrophenol	172184-1	40 ug/l	58.0	15.0-140	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4-Dinitrotoluene	172184-1	40 ug/l	75.5	50.0-120	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,6-Dinitrotoluene	172184-1	40 ug/l	76.8	50.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
1,2-Diphenylhydrazine	172184-1	40 ug/l	84.0	55.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Fluoranthene	172184-1	40 ug/l	64.2	55.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Fluorene	172184-1	40 ug/l	75.5	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Hexachlorobenzene	172184-1	40 ug/l	80.8	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Hexachlorobutadiene	172184-1	40 ug/l	56.0	25.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Hexachlorocyclopentadiene	172184-1	40 ug/l	54.2	16.8-108	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Hexachloroethane	172184-1	40 ug/l	55.5	30.0-100	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Indeno(1,2,3-cd)pyrene	172184-1	40 ug/l	77.8	45.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Isophorone	172184-1	40 ug/l	71.5	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
n-Nitrosodi-n-propylamine	172184-1	40 ug/l	77.5	35.0-130	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
n-Nitrosodimethylamine	172184-1	40 ug/l	59.0	25.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
n-Nitrosodiphenylamine	172184-1	40 ug/l	83.0	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Naphthalene	172184-1	40 ug/l	72.0	40.0-100	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Nitrobenzene	172184-1	40 ug/l	74.0	45.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2-Nitrophenol	172184-1	40 ug/l	75.2	40.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
4-Nitrophenol	172184-1	40 ug/l	50.0	0.00-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
p-Chloro-m-cresol	172184-1	40 ug/l	74.8	45.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Pentachlorophenol	172184-1	40 ug/l	58.0	40.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Phenanthrene	172184-1	40 ug/l	79.2	50.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Phenol	172184-1	40 ug/l	48.8	0.00-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Pyrene	172184-1	40 ug/l	84.8	50.0-130	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
1,2,4-Trichlorobenzene	172184-1	40 ug/l	65.5	35.0-105	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4,6-Trichlorophenol	172184-1	40 ug/l	78.2	50.0-115	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	172184-1	40 ug/l	77.2	50.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2-Fluorophenol	172184-1	40 ug/l	61.2	20.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Nitrobenzene-D5	172184-1	40 ug/l	77.8	40.0-110	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Terphenyl-D14	172184-1	40 ug/l	89.0	50.0-135	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
2,4,6-Tribromophenol	172184-1	40 ug/l	83.0	40.0-125	B8634	05Nov13 1414 by 301	05Nov13 2111 by 306		
Volatile Organic Compounds									
Acrolein	172032-1	100 ug/l	94.8	33.7-160	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Acrylonitrile	172032-1	100 ug/l	87.5	55.2-149	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Benzene	172032-1	20 ug/l	95.9	80.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Bromodichloromethane	172032-1	20 ug/l	101	75.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Bromoform	172032-1	20 ug/l	95.4	70.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Bromomethane	172032-1	20 ug/l	83.1	30.0-145	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Carbon tetrachloride	172032-1	20 ug/l	104	65.0-140	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Chlorobenzene	172032-1	20 ug/l	99.9	80.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Chloroethane	172032-1	20 ug/l	85.0	60.0-135	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
2-Chloroethyl vinyl ether	172032-1	40 ug/l	99.2	23.1-160	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Chloroform	172032-1	20 ug/l	93.2	65.0-135	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Chloromethane	172032-1	20 ug/l	94.5	40.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Dibromochloromethane	172032-1	20 ug/l	93.2	60.0-135	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,2-Dichlorobenzene	172032-1	20 ug/l	95.9	70.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,3-Dichlorobenzene	172032-1	20 ug/l	96.5	75.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,4-Dichlorobenzene	172032-1	20 ug/l	97.9	75.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,1-Dichloroethane	172032-1	20 ug/l	89.0	70.0-135	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,2-Dichloroethane	172032-1	20 ug/l	106	70.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,1-Dichloroethene	172032-1	20 ug/l	82.8	70.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
trans-1,2-Dichloroethene	172032-1	20 ug/l	79.0	60.0-140	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,2-Dichloropropane	172032-1	20 ug/l	99.0	75.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
cis-1,3-Dichloropropene	172032-1	20 ug/l	95.4	70.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
trans-1,3-Dichloropropene	172032-1	20 ug/l	92.5	55.0-140	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Ethylbenzene	172032-1	20 ug/l	99.8	75.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Methylene chloride	172032-1	20 ug/l	84.6	55.0-140	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,1,2,2-Tetrachloroethane	172032-1	20 ug/l	99.2	65.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Tetrachloroethene	172032-1	20 ug/l	97.0	45.0-150	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Toluene	172032-1	20 ug/l	102	75.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,1,1-Trichloroethane	172032-1	20 ug/l	94.2	65.0-130	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
1,1,2-Trichloroethane	172032-1	20 ug/l	105	75.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Trichloroethene	172032-1	20 ug/l	98.4	70.0-125	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Vinyl chloride	172032-1	20 ug/l	92.6	50.0-145	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	172032-1	50 ug/l	100	75.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Dibromofluoromethane	172032-1	50 ug/l	93.4	85.0-115	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		
Toluene-D8	172032-1	50 ug/l	96.0	85.0-120	V8381	05Nov13 1447 by 306	05Nov13 2257 by 306		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Acenaphthene	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Acenaphthylene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Anthracene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Benzidine	< 13 ug/l	13	25	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Benzo(a)anthracene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Benzo(a)pyrene	< 0.78 ug/l	0.78	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Benzo(g,h,i)perylene	< 1.4 ug/l	1.4	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Benzo(k)fluoranthene	< 0.84 ug/l	0.84	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
3,4-Benzofluoranthene	< 0.75 ug/l	0.75	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Bis(2-chloroethoxy)methane	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Bis(2-chloroethyl)ether	< 1.0 ug/l	1.0	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Bis(2-chloroisopropyl)ether	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Bis(2-ethylhexyl)phthalate	< 2.5 ug/l	2.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
4-Bromophenyl phenyl ether	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Butylbenzyl phthalate	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2-Chloronaphthalene	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2-Chlorophenol	< 1.0 ug/l	1.0	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
4-Chlorophenyl phenyl ether	< 1.3 ug/l	1.3	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Chrysene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Di-n-butyl phthalate	< 1.7 ug/l	1.7	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Di-n-octyl phthalate	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Dibenz(a,h)anthracene	< 1.7 ug/l	1.7	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
3,3'-Dichlorobenzidine	< 3.5 ug/l	3.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4-Dichlorophenol	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Diethyl phthalate	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Dimethyl phthalate	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4-Dimethylphenol	< 0.99 ug/l	0.99	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
4,6-Dinitro-o-cresol	< 0.90 ug/l	0.90	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4-Dinitrophenol	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4-Dinitrotoluene	< 1.5 ug/l	1.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,6-Dinitrotoluene	< 0.89 ug/l	0.89	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
1,2-Diphenylhydrazine	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Fluoranthene	< 0.80 ug/l	0.80	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Fluorene	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Hexachlorobenzene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Hexachlorobutadiene	< 1.5 ug/l	1.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Hexachlorocyclopentadiene	< 1.4 ug/l	1.4	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Hexachloroethane	< 1.5 ug/l	1.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Indeno(1,2,3-cd)pyrene	< 2.4 ug/l	2.4	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Isophorone	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
n-Nitrosodi-n-propylamine	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
n-Nitrosodimethylamine	< 0.73 ug/l	0.73	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
n-Nitrosodiphenylamine	< 1.3 ug/l	1.3	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	R
Naphthalene	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Nitrobenzene	< 0.97 ug/l	0.97	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2-Nitrophenol	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
4-Nitrophenol	< 1.3 ug/l	1.3	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
p-Chloro-m-cresol	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Pentachlorophenol	< 0.80 ug/l	0.80	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Phenanthrene	< 1.1 ug/l	1.1	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Phenol	< 0.48 ug/l	0.48	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Pyrene	< 1.5 ug/l	1.5	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
1,2,4-Trichlorobenzene	< 1.3 ug/l	1.3	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4,6-Trichlorophenol	< 1.2 ug/l	1.2	5.0	B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	74.8 %			B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2-Fluorophenol (20.0-110%)	59.2 %			B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Nitrobenzene-D5 (40.0-110%)	80.2 %			B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Terphenyl-D14 (50.0-135%)	84.5 %			B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
2,4,6-Tribromophenol (40.0-125%)	78.0 %			B8634-1	05Nov13 1414 by 301	05Nov13 2000 by 306	
Volatile Organic Compounds							
Acrolein	< 2.5 ug/l	2.5	25	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Acrylonitrile	< 2.5 ug/l	2.5	25	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Benzene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Bromoform	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Carbon tetrachloride	< 0.50 ug/l	0.50	2.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Chlorobenzene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Chlorodibromomethane	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Chloroethane	< 1.0 ug/l	1.0	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
2-Chloroethyl vinyl ether	< 1.0 ug/l	1.0	10	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Chloroform	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,2-Dichlorobenzene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,3-Dichlorobenzene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,4-Dichlorobenzene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Dichlorobromomethane	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,1-Dichloroethane	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,2-Dichloroethane	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,1-Dichloroethylene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
trans-1,2-Dichloroethylene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,2-Dichloropropane	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
cis-1,3-Dichloropropylene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
trans-1,3-Dichloropropylene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Ethylbenzene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Methyl bromide(Bromomethane)	< 1.0 ug/l	1.0	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Methyl chloride(Chloromethane)	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Methylene chloride	< 1.0 ug/l	1.0	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,1,2,2-Tetrachloroethane	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Tetrachloroethylene	< 1.0 ug/l	1.0	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Toluene	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,1,1-Trichloroethane	< 0.20 ug/l	0.20	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
1,1,2-Trichloroethane	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Trichloroethylene	< 0.50 ug/l	0.50	5.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Vinyl chloride	< 0.50 ug/l	0.50	2.0	V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	98.7 %			V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Dibromofluoromethane (85.0-115%)	88.2 %			V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	
Toluene-D8 (85.0-120%)	97.6 %			V8381-1	05Nov13 1447 by 306	06Nov13 0012 by 306	

Arkansas Testing Laboratories

3301 Langley Drive
 Searcy, AR 72143
 Off 501-268-6431
 Fax 501-268-9314

- *NPDES Wastewater Monitoring
- *Water and Wastewater Analysis
- *Concrete, Asphalt, and Aggregate Testing
- *Geotechnical Testing
- *Industrial and Construction Quality Control

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: BAD Boy Mowers Int										PARAMETERS				
SAMPLE ID	SAMPLE MATRIX	SAMPLED BY: BBT / Randal						Calibration		PRESERVATIVES				
		DATE	TIME	Flow	Grab			pH / DO #						
EFF INF CLAR POND BACKWASH	W=H2O S=SLUDGE D=SOIL C=WELL													
eff Paint shop #1	W	10-30-13	12:05					7.70 7.71				NaOH	AMG	TTO
eff Paint shop #2 ↑ INTIMIDATOR	W	1	12:15					6.68				1-L-V	100ml P	1-L-G
intimidator														
# = number of bottles		Q, L, H = Quart, Liter, Half Gallon				P, G = Plastic, Glass								
Relinquished by:				Date/Time				Received by:			Date/Time			
Relinquished by:				Date/Time				Received by: BBT Temple			Date/Time: 10-30-13 1:30			

Arkansas Testing Laboratories

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NPDES Wastewater Monitoring
 Water and Wastewater Analysis
 Concrete, Asphalt, and Aggregate Testing
 Geotechnical Testing
 Industrial and Construction Quality Control

BAD BOY MOWERS

Collection Date / Time: October 30, 2013

12:05 PM

Wastewater Analysis

Collection Place: **Paint Shop #1**

Collected By: BET

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	11/08 5:31 PM	NA	< 0.01	mg/l	NA	KLB	94.6	0.15	Grab	1
Chromium	11/08 5:31 PM	NA	0.003	mg/l	NA	KLB	96.1	0.98	Grab	1
Copper	11/08 5:31 PM	NA	0.003	mg/l	NA	KLB	92.5	1.19	Grab	1
Lead	11/08 5:31 PM	NA	< 0.02	mg/l	NA	KLB	94.8	0.70	Grab	1
Nickel	11/08 5:31 PM	NA	0.054	mg/l	NA	KLB	93.3	0.68	Grab	1
Silver	11/08 5:31 PM	NA	< 0.01	mg/l	NA	KLB	85.5	1.78	Grab	1
Zinc	11/08 5:31 PM	NA	0.272	mg/l	NA	KLB	94.4	0.01	Grab	1
Total Toxic Organics	10/30 12:05 PM	NA	BDL*	ug/l	NA	AI306			CALC	2
*BDL = BELOW DETECTABLE LIMITS										
pH	10/30 12:05 PM	NA	7.71	S.U.	NA	BET	NA	0.13	GRAB	3
Cyanide, Total	10/31 2:00 PM	NA	< 0.01	mg/l	NA	KLB	95.8	0.00	GRAB	4

Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies at a rate of at least 10%.

Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂: Oil & Grease, Ammonia, COD

References:

Analysis complies with 40 CFR Part 136:

1. SM 3111B
2. See attached American Interplex Report 165660
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Inc,
102 Industrial Dr,
Batesville AR 72501

B. FACILITY & LOCATION ADDRESS

Same as mailing ADDRESS

C. FACILITY CONTACT:

Randel Davis

TELEPHONE NUMBER:

870 612 0350

e-mail:

randel.davis@badboy.com

(2) REPORTING PERIOD--FISCAL YEAR From ??? to ????

(Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: June TO: December

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stage 2 & 4 CPC Rinse
Stages In the Five Stage
Cleaning Process

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

N/A

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

C. Number of Regular Employees at this Facility

380

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	7772	13200	
'403.6(e) Unregulated'			
'403.6(e) Dilute			
Cooling Water			
Sanitary	9375	15000	
Total Flow to POTW	17147	28200	*****

'Unregulated' has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Stages 1, 3, 5 captured and picked up by Wasted Services, Inc

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO'
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.01	0.003	0.003	<0.02	0.054	<0.01	0.272	<0.01	NDL
Ave Measured									

Sample Location Sump pH at End of Process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: 433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED 433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

N/A

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(l)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Randel Davis
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randel Davis
SIGNATURE

Paint Supervisor
OFFICIAL TITLE

11-18-13
DATE SIGNED

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143

(501) 268-6431 f(501) 268-9314

NPDES Wastewater Monitoring
 Water and Wastewater Analysis
 Concrete, Asphalt, and Aggregate Testing
 Geotechnical Testing
 Industrial and Construction Quality Control

BAD BOY MOWERS

Collection Date / Time: October 30, 2013

12:15 PM

Wastewater Analysis

Collection Place: **Paint Shop #2**

Collected By: BET

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	11/08 5:35 PM	NA	< 0.01	mg/l	NA	KLB	94.6	0.15	Grab	1
Chromium	11/08 5:35 PM	NA	0.002	mg/l	NA	KLB	96.1	0.98	Grab	1
Copper	11/08 5:35 PM	NA	0.005	mg/l	NA	KLB	92.5	1.19	Grab	1
Lead	11/08 5:35 PM	NA	< 0.02	mg/l	NA	KLB	94.8	0.70	Grab	1
Nickel	11/08 5:35 PM	NA	0.020	mg/l	NA	KLB	93.3	0.68	Grab	1
Silver	11/08 5:35 PM	NA	< 0.01	mg/l	NA	KLB	85.5	1.78	Grab	1
Zinc	11/08 5:35 PM	NA	0.108	mg/l	NA	KLB	94.4	0.01	Grab	1
Total Toxic Organics	10/30 12:15 PM	NA	BDL*	ug/l	NA	AI306			CALC	2
*BDL = BELOW DETECTABLE LIMITS										
pH	10/30 12:15 PM	NA	6.68	S.U.	NA	BET	NA	0.13	GRAB	3
Cyanide, Total	10/31 2:00 PM	NA	< 0.01	mg/l	NA	KLB	95.8	0.00	GRAB	4


Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies at a rate of at least 10%.

Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂: Oil & Grease, Ammonia, COD

References:

Analysis complies with 40 CFR Part 136:

1. SM 3111B
2. See attached American Interplex Report 165660
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Inc,
102 Industrial DR.
Batesville AR 72501

B. FACILITY & LOCATION ADDRESS

1 Bad Boy Blvd
Batesville AR 72501

C. FACILITY CONTACT: Randel Davis TELEPHONE NUMBER: 8706120350 e-mail: Randel.davis@badboyinc.com

(2) REPORTING PERIOD—FISCAL YEAR From ??? to ??? (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: June TO: December

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CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stage 2 & 4 are Rinse
Stages in the five stage
Cleaning Process

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

N/A

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

C. Number of Regular Employees at this Facility

40

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	5040	10080	
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	4500	9000	
Total Flow to POTW	9540	19080	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Stages 1,3,5 captured and picked up by Wasted Services Inc.

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.01	0.002	0.005	<0.02	0.020	<0.01	0.108	<0.01	BDL
Ave Measured									

Sample Location Sample Pitt out side building End of Process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

'6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(l)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Randel Davis
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randel Davis
SIGNATURE

Paint supervisor
OFFICIAL TITLE

11-18-13
DATE SIGNED