

Gage, Hannah

From: Gilliam, Allen
Sent: Tuesday, December 15, 2015 9:09 AM
To: randel davis
Cc: Gage, Hannah; batesville eugene townsley; batesville mike mcdaniel
Subject: AR0020702_Bad Boys ARP001027 December 2015 semi annual Pretreatment report_20151215
Attachments: Arkansas Testing Lab_20151105_093010.pdf; Randel Davis 1.pdf; Arkansas Testing Lab_20151105_100425.pdf; Randel Davis 2.pdf

Randel,

Bad Boy's December 2015 semi-annual Pretreatment report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically with the Metal Finishing Pretreatment standards in 40 CFR 433.17.

There are no further actions deemed necessary at this time.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

cc: Eugene Townsley, Batesville Wastewater Superintendent
Mike McDaniel, Batesville Pretreatment Coordinator

E/NPDES/NPDES/Pretreatment/Reports

From: Randel Davis [<mailto:randel.davis@badboymowers.com>]
Sent: Tuesday, December 15, 2015 8:52 AM
To: Gilliam, Allen
Subject: Bad Boy December report

Thanks

Randel

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: September 10, 2015 11:05 AM

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	09/18 5:09 PM	NA	< 0.005	mg/l	NA	KLB	98.3	0.45	Grab	1
Chromium	09/18 5:09 PM	NA	< 0.02	mg/l	NA	KLB	103.5	0.32	Grab	1
Copper	09/18 5:09 PM	NA	0.077	mg/l	NA	KLB	99.8	0.88	Grab	1
Lead	09/18 5:09 PM	NA	< 0.05	mg/l	NA	KLB	96.8	3.87	Grab	1
Nickel	09/18 5:09 PM	NA	< 0.02	mg/l	NA	KLB	99.3	2.38	Grab	1
Silver	09/18 5:09 PM	NA	< 0.01	mg/l	NA	KLB	82.5	3.42	Grab	1
Zinc	09/18 5:09 PM	NA	0.160	mg/l	NA	KLB	101.5	3.85	Grab	1
Vol & Semi Vols	10/30 12:15 PM	NA	AI	ug/l	NA	AI301			CALC	2
pH	09/10 11:06 AM	NA	7.83	S.U.	NA	BET	NA	0.41	GRAB	3
Cyanide, Total	09/14 8:30 AM	NA	< 0.01	mg/l	NA	KLB	109.7	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%.

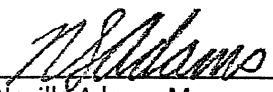
Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂; Oil & Grease, Ammonia, COD

American Interplex Invoice # 194136 attached

References:

Analysis complies with 40 CFR Part 136:

1. SM 3111B
2. See attached American Interplex Report 194136
3. SM 4500 HB
4. SM 4500-CN-E



 Neville Adams, Manager

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

This report contains the analytical results and supporting information for the sample submitted on September 11, 2015. 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:

One (1) water sample(s) received on September 11, 2015
REF #2403
P.O. No. 2403

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

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>
194136-1	Bad Boy 2	10-Sep-2015 1105	

Qualifiers:

- D Result is from a secondary dilution factor
- 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", (SM).
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

Arkansas Testing Laboratories
3301 Langley Drive
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ANALYTICAL RESULTS

AIC No. 194136-1

Sample Identification: Bad Boy 2 10-Sep-2015 1105

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	

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ANALYTICAL RESULTS
AIC No. 194136-1 (Continued)

Sample Identification: Bad Boy 2 10-Sep-2015 1105

<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: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,4-Dichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Diethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Dimethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,4-Dimethylphenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
4,6-Dinitro-o-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,4-Dinitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,4-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,6-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
1,2-Diphenylhydrazine EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Fluorene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Hexachlorobutadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Hexachlorocyclopentadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Hexachloroethane EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Isophorone EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	

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ANALYTICAL RESULTS
AIC No. 194136-1 (Continued)

Sample Identification: Bad Boy 2 10-Sep-2015 1105

<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: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
n-Nitrosodimethylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
n-Nitrosodiphenylamine EPA 625	< 5.0	5.0	ug/l	R
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Naphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Nitrobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
4-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
p-Chloro-m-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Phenanthrene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Phenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
1,2,4-Trichlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
2,4,6-Trichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	78.0		%	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	49.0		%	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	77.7		%	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	96.6		%	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	51.2		%	
Prep: 15-Sep-2015 1349 by 306	Analyzed: 17-Sep-2015 0030 by 301		Batch: B9673	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25	25	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	

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Searcy, AR 72143

ANALYTICAL RESULTS
AIC No. 194136-1 (Continued)

Sample Identification: Bad Boy 2 10-Sep-2015 1105

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	

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ANALYTICAL RESULTS

AIC No. 194136-1 (Continued)

Sample Identification: Bad Boy 2 10-Sep-2015 1105

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Methyl bromide(Bromomethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Methyl chloride(Chloromethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Methylene chloride EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,1,2,2-Tetrachloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Tetrachloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Toluene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,1,1-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
1,1,2-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Trichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Vinyl chloride EPA 624	< 2.0	2.0	ug/l	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	104		%	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	93.7		%	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	101		%	
Prep: 11-Sep-2015 1653 by 301	Analyzed: 11-Sep-2015 2315 by 301		Batch: V8824	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds								
Acrolein	194096-1	< 25 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 25 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Acrylonitrile	194096-1	< 25 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 25 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Benzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Bromoform	194096-1	82 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	79 ug/l	3.93	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Carbon tetrachloride	194096-1	< 2.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 2.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Chlorobenzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Chlorodibromomethane	194096-1	12 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	12 ug/l	4.55	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Chloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
2-Chloroethyl vinyl ether	194096-1	< 10 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 10 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Chloroform	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,2-Dichlorobenzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,3-Dichlorobenzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,4-Dichlorobenzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Dichlorobromomethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,1-Dichloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,2-Dichloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,1-Dichloroethylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
trans-1,2-Dichloroethylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,2-Dichloropropane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
cis-1,3-Dichloropropylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
trans-1,3-Dichloropropylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Ethylbenzene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Methyl bromide(Bromomethane)	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
	Batch: V8824 Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		

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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>
Methyl chloride(Chloromethane)	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Methylene chloride	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,1,2,2-Tetrachloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Tetrachloroethylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Toluene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,1,1-Trichloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
1,1,2-Trichloroethane	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Trichloroethylene	194096-1	< 5.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 5.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
Vinyl chloride	194096-1	< 2.0 ug/l			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	< 2.0 ug/l	0.00	30.0	11Sep15 1414 by 301	11Sep15 2117 by 301		
4-Bromofluorobenzene (75.0-120%)	194096-1	103 %			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	99.7 %			11Sep15 1414 by 301	11Sep15 2117 by 301		
Dibromofluoromethane (85.0-115%)	194096-1	101 %			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	103 %			11Sep15 1414 by 301	11Sep15 2117 by 301		
Toluene-D8 (85.0-120%)	194096-1	99.1 %			11Sep15 1413 by 301	11Sep15 2019 by 301		
Batch: V8824	Duplicate	97.9 %			11Sep15 1414 by 301	11Sep15 2117 by 301		

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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	78.8	45.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Acenaphthylene	40 ug/l	80.2	50.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Anthracene	40 ug/l	80.8	55.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Benzidine	100 ug/l	22.0	0.00-46.1			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Benzo(a)anthracene	40 ug/l	78.2	55.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Benzo(a)pyrene	40 ug/l	77.8	55.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Benzo(g,h,i)perylene	40 ug/l	66.3	40.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Benzo(k)fluoranthene	40 ug/l	92.4	45.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
3,4-Benzofluoranthene	40 ug/l	93.5	45.0-120			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Bis(2-chloroethoxy)methane	40 ug/l	74.1	45.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Bis(2-chloroethyl)ether	40 ug/l	77.9	35.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	76.9	25.0-130			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	59.2	40.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
4-Bromophenyl phenyl ether	40 ug/l	76.6	50.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Butylbenzyl phthalate	40 ug/l	55.6	45.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2-Chloronaphthalene	40 ug/l	76.8	50.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2-Chlorophenol	40 ug/l	76.2	35.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	78.2	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Chrysene	40 ug/l	82.3	55.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Di-n-butyl phthalate	40 ug/l	86.6	55.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Di-n-octyl phthalate	40 ug/l	70.2	35.0-135			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Dibenz(a,h)anthracene	40 ug/l	62.2	40.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
1,2-Dichlorobenzene	40 ug/l	73.8	35.0-100			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
1,3-Dichlorobenzene	40 ug/l	71.7	30.0-100			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
1,4-Dichlorobenzene	40 ug/l	72.6	30.0-100			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
3,3'-Dichlorobenzidine	40 ug/l	52.8	20.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4-Dichlorophenol	40 ug/l	70.7	50.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Diethyl phthalate	40 ug/l	81.5	40.0-120			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Dimethyl phthalate	40 ug/l	80.0	25.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4-Dimethylphenol	40 ug/l	51.4	30.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
4,6-Dinitro-o-cresol	40 ug/l	68.4	40.0-130			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4-Dinitrophenol	40 ug/l	61.6	15.0-140			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4-Dinitrotoluene	40 ug/l	78.0	50.0-120			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,6-Dinitrotoluene	40 ug/l	78.0	50.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
1,2-Diphenylhydrazine	40 ug/l	78.6	55.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Fluoranthene	40 ug/l	84.7	55.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Fluorene	40 ug/l	79.4	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Hexachlorobenzene	40 ug/l	78.2	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Hexachlorobutadiene	40 ug/l	66.5	25.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Hexachlorocyclopentadiene	40 ug/l	75.8	42.1-98.7			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		

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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	72.0	30.0-100			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	66.6	45.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Isophorone	40 ug/l	76.0	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	78.9	35.0-130			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
n-Nitrosodimethylamine	40 ug/l	53.7	25.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
n-Nitrosodiphenylamine	40 ug/l	79.4	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Naphthalene	40 ug/l	77.1	40.0-100			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Nitrobenzene	40 ug/l	74.0	45.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2-Nitrophenol	40 ug/l	60.9	40.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
4-Nitrophenol	40 ug/l	44.2	0.00-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
p-Chloro-m-cresol	40 ug/l	72.5	45.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Pentachlorophenol	40 ug/l	59.9	40.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Phenanthrene	40 ug/l	82.9	50.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Phenol	40 ug/l	47.8	0.00-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Pyrene	40 ug/l	82.9	50.0-130			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
1,2,4-Trichlorobenzene	40 ug/l	70.2	35.0-105			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4,6-Trichlorophenol	40 ug/l	71.0	50.0-115			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	81.6	50.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2-Fluorophenol	40 ug/l	61.2	20.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Nitrobenzene-D5	40 ug/l	78.1	40.0-110			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Terphenyl-D14	40 ug/l	87.0	50.0-135			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
2,4,6-Tribromophenol	40 ug/l	71.4	40.0-125			B9673	15Sep15 1348 by 306	15Sep15 2020 by 301		
Volatile Organic Compounds										
Acrolein	100 ug/l	98.9	64.4-129			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Acrylonitrile	100 ug/l	86.5	68.3-134			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Benzene	20 ug/l	97.6	80.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Bromodichloromethane	20 ug/l	106	75.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Bromoform	20 ug/l	116	70.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Bromomethane	20 ug/l	96.6	30.0-145			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Carbon tetrachloride	20 ug/l	101	65.0-140			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Chlorobenzene	20 ug/l	94.9	80.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Chloroethane	20 ug/l	102	60.0-135			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
2-Chloroethyl vinyl ether	40 ug/l	89.1	70.1-124			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Chloroform	20 ug/l	115	65.0-135			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Chloromethane	20 ug/l	97.5	40.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Dibromochloromethane	20 ug/l	108	60.0-135			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,2-Dichlorobenzene	20 ug/l	94.5	70.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,3-Dichlorobenzene	20 ug/l	94.1	75.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		

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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	93.6	75.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,1-Dichloroethane	20 ug/l	90.0	70.0-135			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,2-Dichloroethane	20 ug/l	95.6	70.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,1-Dichloroethene	20 ug/l	80.0	70.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
trans-1,2-Dichloroethene	20 ug/l	90.6	60.0-140			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,2-Dichloropropane	20 ug/l	96.8	75.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
cis-1,3-Dichloropropene	20 ug/l	90.2	70.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
trans-1,3-Dichloropropene	20 ug/l	89.4	55.0-140			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Ethylbenzene	20 ug/l	104	75.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Methylene chloride	20 ug/l	94.8	55.0-140			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,1,2,2-Tetrachloroethane	20 ug/l	95.6	65.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Tetrachloroethene	20 ug/l	111	45.0-150			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Toluene	20 ug/l	97.0	75.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,1,1-Trichloroethane	20 ug/l	117	65.0-130			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
1,1,2-Trichloroethane	20 ug/l	94.2	75.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Trichloroethene	20 ug/l	103	70.0-125			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Vinyl chloride	20 ug/l	113	50.0-145			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	99.6	75.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Dibromofluoromethane	50 ug/l	87.2	85.0-115			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		
Toluene-D8	50 ug/l	105	85.0-120			V8824	11Sep15 1414 by 301	11Sep15 1546 by 301		

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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	194116-1	40 ug/l	76.0	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	76.8	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.05	30.0	B9673				
Acenaphthylene	194116-1	40 ug/l	77.2	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.9	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.18	30.0	B9673				
Anthracene	194116-1	40 ug/l	78.6	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	77.9	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.990	30.0	B9673				
Benzidine	194116-1	100 ug/l	20.8	0.00-29.0	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	100 ug/l	20.2	0.00-29.0	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.83	91.2	B9673				
Benzo(a)anthracene	194116-1	40 ug/l	76.0	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.7	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.396	30.0	B9673				
Benzo(a)pyrene	194116-1	40 ug/l	79.2	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	73.8	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		7.06	30.0	B9673				
Benzo(g,h,i)perylene	194116-1	40 ug/l	62.7	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.4	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		22.3	30.0	B9673				
Benzo(k)fluoranthene	194116-1	40 ug/l	99.7	45.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	84.5	45.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		16.5	30.0	B9673				
3,4-Benzofluoranthene	194116-1	40 ug/l	94.4	45.0-120	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	82.0	45.0-120	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		14.1	30.0	B9673				
Bis(2-chloroethoxy)methane	194116-1	40 ug/l	72.0	45.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	71.8	45.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.278	30.0	B9673				
Bis(2-chloroethyl)ether	194116-1	40 ug/l	75.3	35.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	77.1	35.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.36	30.0	B9673				
Bis(2-chloroisopropyl)ether	194116-1	40 ug/l	72.9	25.0-130	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	74.6	25.0-130	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.27	30.0	B9673				
Bis(2-ethylhexyl)phthalate	194116-1	40 ug/l	61.4	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	57.6	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		6.30	30.0	B9673				
4-Bromophenyl phenyl ether	194116-1	40 ug/l	72.7	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	72.7	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.0344	30.0	B9673				
Butylbenzyl phthalate	194116-1	40 ug/l	59.6	45.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	56.2	45.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		6.04	30.0	B9673				
2-Chloronaphthalene	194116-1	40 ug/l	73.7	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.8	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.84	30.0	B9673				

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Chlorophenol	194116-1	40 ug/l	75.1	35.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	76.8	35.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.21	30.0	B9673				
4-Chlorophenyl phenyl ether	194116-1	40 ug/l	74.9	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	76.3	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.85	30.0	B9673				
Chrysene	194116-1	40 ug/l	79.6	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	80.9	55.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.56	30.0	B9673				
Di-n-butyl phthalate	194116-1	40 ug/l	87.2	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	85.6	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.91	30.0	B9673				
Di-n-octyl phthalate	194116-1	40 ug/l	81.6	35.0-135	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	64.8	35.0-135	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		22.9	30.0	B9673				
Dibenz(a,h)anthracene	194116-1	40 ug/l	63.4	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.1	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		16.9	30.0	B9673				
1,2-Dichlorobenzene	194116-1	40 ug/l	70.3	35.0-100	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	73.3	35.0-100	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		4.25	30.0	B9673				
1,3-Dichlorobenzene	194116-1	40 ug/l	67.7	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	72.2	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		6.47	30.0	B9673				
1,4-Dichlorobenzene	194116-1	40 ug/l	69.4	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	71.5	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.91	30.0	B9673				
3,3'-Dichlorobenzidine	194116-1	40 ug/l	47.2	20.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	50.9	20.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		7.44	30.0	B9673				
2,4-Dichlorophenol	194116-1	40 ug/l	73.4	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	73.8	50.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.510	30.0	B9673				
Diethyl phthalate	194116-1	40 ug/l	79.6	40.0-120	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	80.7	40.0-120	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.34	30.0	B9673				
Dimethyl phthalate	194116-1	40 ug/l	78.2	25.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.4	25.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.256	30.0	B9673				
2,4-Dimethylphenol	194116-1	40 ug/l	42.6	30.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	44.9	30.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		5.32	30.0	B9673				
4,6-Dinitro-o-cresol	194116-1	40 ug/l	74.9	40.0-130	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	70.2	40.0-130	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		6.44	30.0	B9673				
2,4-Dinitrophenol	194116-1	40 ug/l	83.0	15.0-140	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	72.7	15.0-140	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		13.3	30.0	B9673				
2,4-Dinitrotoluene	194116-1	40 ug/l	78.0	50.0-120	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.8	50.0-120	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.83	30.0	B9673				

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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)									
2,6-Dinitrotoluene	194116-1	40 ug/l	74.1	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	74.3	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.236	30.0	B9673				
1,2-Diphenylhydrazine	194116-1	40 ug/l	74.8	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.6	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.10	30.0	B9673				
Fluoranthene	194116-1	40 ug/l	81.0	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	82.1	55.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.35	30.0	B9673				
Fluorene	194116-1	40 ug/l	76.8	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.2	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.74	30.0	B9673				
Hexachlorobenzene	194116-1	40 ug/l	73.6	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	74.3	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.980	30.0	B9673				
Hexachlorobutadiene	194116-1	40 ug/l	64.9	25.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	66.6	25.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.62	30.0	B9673				
Hexachlorocyclopentadiene	194116-1	40 ug/l	81.9	42.1-101	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	82.1	42.1-101	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.274	30.0	B9673				
Hexachloroethane	194116-1	40 ug/l	68.6	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	71.7	30.0-100	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		4.53	30.0	B9673				
Indeno(1,2,3-cd)pyrene	194116-1	40 ug/l	60.3	45.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.4	45.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		26.1	30.0	B9673				
Isophorone	194116-1	40 ug/l	74.4	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.0	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.737	30.0	B9673				
n-Nitrosodi-n-propylamine	194116-1	40 ug/l	75.6	35.0-130	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.0	35.0-130	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		3.12	30.0	B9673				
n-Nitrosodimethylamine	194116-1	40 ug/l	53.3	25.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	58.4	25.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		9.13	30.0	B9673				
n-Nitrosodiphenylamine	194116-1	40 ug/l	75.4	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	75.2	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.266	30.0	B9673				
Naphthalene	194116-1	40 ug/l	73.8	40.0-100	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	74.8	40.0-100	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.28	30.0	B9673				
Nitrobenzene	194116-1	40 ug/l	73.6	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	74.0	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.610	30.0	B9673				
2-Nitrophenol	194116-1	40 ug/l	67.4	40.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	65.8	40.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.40	30.0	B9673				

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
4-Nitrophenol	194116-1	40 ug/l	46.7	0.00-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	47.8	0.00-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.22	30.0	B9673				
p-Chloro-m-cresol	194116-1	40 ug/l	73.9	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	71.0	45.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		3.97	30.0	B9673				
Pentachlorophenol	194116-1	40 ug/l	65.3	40.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	61.1	40.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		6.65	30.0	B9673				
Phenanthrene	194116-1	40 ug/l	77.6	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	78.2	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.770	30.0	B9673				
Phenol	194116-1	40 ug/l	44.8	0.00-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	48.3	0.00-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		7.41	30.0	B9673				
Pyrene	194116-1	40 ug/l	79.8	50.0-130	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	80.1	50.0-130	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		0.313	30.0	B9673				
1,2,4-Trichlorobenzene	194116-1	40 ug/l	68.6	35.0-105	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	70.5	35.0-105	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		2.70	30.0	B9673				
2,4,6-Trichlorophenol	194116-1	40 ug/l	76.6	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301	10	D
	194116-1	40 ug/l	77.4	50.0-115	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301	10	D
	Relative Percent Difference:		1.04	30.0	B9673				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	194116-1	40 ug/l	77.2	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301		
	194116-1	40 ug/l	77.6	50.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301		
2-Fluorophenol	194116-1	40 ug/l	61.6	20.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301		
	194116-1	40 ug/l	63.7	20.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301		
Nitrobenzene-D5	194116-1	40 ug/l	75.4	40.0-110	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301		
	194116-1	40 ug/l	73.3	40.0-110	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301		
Terphenyl-D14	194116-1	40 ug/l	83.0	50.0-135	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301		
	194116-1	40 ug/l	79.7	50.0-135	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301		
2,4,6-Tribromophenol	194116-1	40 ug/l	70.5	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2101 by 301		
	194116-1	40 ug/l	67.6	40.0-125	B9673	15Sep15 1348 by 306	15Sep15 2142 by 301		
Volatile Organic Compounds									
Acrolein	194096-2	100 ug/l	73.7	47.0-126	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Acrylonitrile	194096-2	100 ug/l	76.2	38.4-151	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Benzene	194096-2	20 ug/l	102	80.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Bromodichloromethane	194096-2	20 ug/l	98.2	75.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Bromoform	194096-2	20 ug/l	110	70.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Bromomethane	194096-2	20 ug/l	107	30.0-145	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Carbon tetrachloride	194096-2	20 ug/l	105	65.0-140	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Chlorobenzene	194096-2	20 ug/l	96.0	80.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Chloroethane	194096-2	20 ug/l	95.9	60.0-135	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
2-Chloroethyl vinyl ether	194096-2	40 ug/l	86.6	54.5-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Chloroform	194096-2	20 ug/l	112	65.0-135	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
Chloromethane	194096-2	20 ug/l	105	40.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Dibromochloromethane	194096-2	20 ug/l	112	60.0-135	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,2-Dichlorobenzene	194096-2	20 ug/l	94.8	70.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,3-Dichlorobenzene	194096-2	20 ug/l	97.7	75.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,4-Dichlorobenzene	194096-2	20 ug/l	95.8	75.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,1-Dichloroethane	194096-2	20 ug/l	88.8	70.0-135	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,2-Dichloroethane	194096-2	20 ug/l	98.7	70.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,1-Dichloroethene	194096-2	20 ug/l	76.6	70.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
trans-1,2-Dichloroethene	194096-2	20 ug/l	86.4	60.0-140	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,2-Dichloropropane	194096-2	20 ug/l	96.0	75.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
cis-1,3-Dichloropropene	194096-2	20 ug/l	98.4	70.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
trans-1,3-Dichloropropene	194096-2	20 ug/l	97.2	55.0-140	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Ethylbenzene	194096-2	20 ug/l	107	75.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Methylene chloride	194096-2	20 ug/l	77.1	55.0-140	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,1,2,2-Tetrachloroethane	194096-2	20 ug/l	97.4	65.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Tetrachloroethene	194096-2	20 ug/l	120	45.0-150	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Toluene	194096-2	20 ug/l	103	75.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,1,1-Trichloroethane	194096-2	20 ug/l	110	65.0-130	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
1,1,2-Trichloroethane	194096-2	20 ug/l	102	75.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Trichloroethene	194096-2	20 ug/l	107	70.0-125	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Vinyl chloride	194096-2	20 ug/l	108	50.0-145	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	194096-2	50 ug/l	101	75.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Dibromofluoromethane	194096-2	50 ug/l	94.7	85.0-115	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		
Toluene-D8	194096-2	50 ug/l	98.7	85.0-120	V8824	11Sep15 1414 by 301	11Sep15 1729 by 301		

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							
Acenaphthene	< 0.54 ug/l	0.54	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Acenaphthylene	< 0.54 ug/l	0.54	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Anthracene	< 0.73 ug/l	0.73	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Benzidine	< 19 ug/l	19	25	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Benzo(a)anthracene	< 0.79 ug/l	0.79	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Benzo(a)pyrene	< 0.82 ug/l	0.82	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Benzo(g,h,i)perylene	< 1.3 ug/l	1.3	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Benzo(k)fluoranthene	< 0.89 ug/l	0.89	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
3,4-Benzofluoranthene	< 0.98 ug/l	0.98	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Bis(2-chloroethoxy)methane	< 2.3 ug/l	2.3	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Bis(2-chloroethyl)ether	< 0.87 ug/l	0.87	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Bis(2-chloroisopropyl)ether	< 0.97 ug/l	0.97	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Bis(2-ethylhexyl)phthalate	< 2.7 ug/l	2.7	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
4-Bromophenyl phenyl ether	< 0.56 ug/l	0.56	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Butylbenzyl phthalate	< 1.3 ug/l	1.3	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2-Chloronaphthalene	< 0.63 ug/l	0.63	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2-Chlorophenol	< 0.64 ug/l	0.64	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
4-Chlorophenyl phenyl ether	< 2.1 ug/l	2.1	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Chrysene	< 0.66 ug/l	0.66	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Di-n-butyl phthalate	< 1.8 ug/l	1.8	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Di-n-octyl phthalate	< 1.9 ug/l	1.9	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Dibenz(a,h)anthracene	< 1.6 ug/l	1.6	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
3,3'-Dichlorobenzidine	< 3.0 ug/l	3.0	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4-Dichlorophenol	< 1.7 ug/l	1.7	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Diethyl phthalate	< 1.5 ug/l	1.5	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Dimethyl phthalate	< 0.58 ug/l	0.58	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4-Dimethylphenol	< 2.8 ug/l	2.8	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
4,6-Dinitro-o-cresol	< 1.4 ug/l	1.4	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4-Dinitrophenol	< 4.5 ug/l	4.5	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4-Dinitrotoluene	< 0.54 ug/l	0.54	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,6-Dinitrotoluene	< 0.46 ug/l	0.46	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
1,2-Diphenylhydrazine	< 0.76 ug/l	0.76	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Fluoranthene	< 1.4 ug/l	1.4	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Fluorene	< 0.57 ug/l	0.57	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Hexachlorobenzene	< 2.1 ug/l	2.1	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Hexachlorobutadiene	< 2.5 ug/l	2.5	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Hexachlorocyclopentadiene	< 2.5 ug/l	2.5	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Hexachloroethane	< 1.1 ug/l	1.1	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Indeno(1,2,3-cd)pyrene	< 2.4 ug/l	2.4	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Isophorone	< 2.3 ug/l	2.3	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
n-Nitrosodi-n-propylamine	< 0.81 ug/l	0.81	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
n-Nitrosodimethylamine	< 4.1 ug/l	4.1	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
n-Nitrosodiphenylamine	< 1.5 ug/l	1.5	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	R
Naphthalene	< 0.73 ug/l	0.73	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Nitrobenzene	< 1.8 ug/l	1.8	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2-Nitrophenol	< 2.0 ug/l	2.0	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
4-Nitrophenol	< 0.69 ug/l	0.69	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
p-Chloro-m-cresol	< 0.63 ug/l	0.63	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Pentachlorophenol	< 0.75 ug/l	0.75	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	

Arkansas Testing Laboratories
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Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Phenanthrene	< 1.2 ug/l	1.2	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Phenol	< 1.2 ug/l	1.2	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Pyrene	< 1.4 ug/l	1.4	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
1,2,4-Trichlorobenzene	< 0.94 ug/l	0.94	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4,6-Trichlorophenol	< 0.76 ug/l	0.76	5.0	B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	79.9 %			B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2-Fluorophenol (20.0-110%)	55.4 %			B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Nitrobenzene-D5 (40.0-110%)	75.0 %			B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Terphenyl-D14 (50.0-135%)	88.0 %			B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
2,4,6-Tribromophenol (40.0-125%)	48.4 %			B9673-1	15Sep15 1348 by 306	15Sep15 1940 by 301	
Volatile Organic Compounds							
Acrolein	< 2.0 ug/l	2.0	25	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Acrylonitrile	< 0.49 ug/l	0.49	25	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Benzene	< 0.054 ug/l	0.054	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Bromoform	< 0.11 ug/l	0.11	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Carbon tetrachloride	< 0.27 ug/l	0.27	2.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Chlorobenzene	< 0.087 ug/l	0.087	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Chlorodibromomethane	< 0.12 ug/l	0.12	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Chloroethane	< 0.22 ug/l	0.22	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
2-Chloroethyl vinyl ether	< 0.21 ug/l	0.21	10	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Chloroform	< 0.082 ug/l	0.082	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,2-Dichlorobenzene	< 0.093 ug/l	0.093	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,3-Dichlorobenzene	< 0.081 ug/l	0.081	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,4-Dichlorobenzene	< 0.12 ug/l	0.12	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Dichlorobromomethane	< 0.12 ug/l	0.12	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,1-Dichloroethane	< 0.076 ug/l	0.076	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,2-Dichloroethane	< 0.086 ug/l	0.086	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,1-Dichloroethylene	< 0.21 ug/l	0.21	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
trans-1,2-Dichloroethylene	< 0.17 ug/l	0.17	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,2-Dichloropropane	< 0.15 ug/l	0.15	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
cis-1,3-Dichloropropylene	< 0.15 ug/l	0.15	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
trans-1,3-Dichloropropylene	< 0.27 ug/l	0.27	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Ethylbenzene	< 0.057 ug/l	0.057	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Methyl bromide(Bromomethane)	< 0.11 ug/l	0.11	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Methyl chloride(Chloromethane)	< 0.38 ug/l	0.38	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Methylene chloride	< 0.26 ug/l	0.26	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,1,2,2-Tetrachloroethane	< 0.088 ug/l	0.088	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Tetrachloroethylene	< 0.15 ug/l	0.15	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Toluene	< 0.076 ug/l	0.076	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,1,1-Trichloroethane	< 0.23 ug/l	0.23	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
1,1,2-Trichloroethane	< 0.18 ug/l	0.18	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Trichloroethylene	< 0.087 ug/l	0.087	5.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Vinyl chloride	< 0.15 ug/l	0.15	2.0	V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	103 %			V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Dibromofluoromethane (85.0-115%)	105 %			V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	
Toluene-D8 (85.0-120%)	99.3 %			V8824-1	11Sep15 1414 by 301	11Sep15 1922 by 301	

194136

3001 Langloy Drive
 Scary, AR 72143
 Oll 501-268-6431
 Fax 501-268-9314
 ARKATL@SBCGLOBAL.NET

Arkansas Testing Laboratories

*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: ARKANSAS TESTING LAB

SAMPLE ID	SAMPLE MATRIX	SAMPLED BY:	DATE	TIME	Grab	PO #	REF #	PARAMETERS	
								HC1	PRESERVATIVES
AR	W=H2O	BET	9-10-15	1105am	X	2403		ND1	Demi-Vol
ACKWASH	D=SOIL							1-40-G	1-L-G
2d Bay 2	C=WELL								
= number of bottles					Q, L, H = Quart, Liter, Half Gallon	P, G = Plastic, Glass			
Inquired by:					Date/Time			Date/Time	
<i>[Signature]</i>					9-11-15	1001			9-11-15 1201
Inquired by:					Date/Time			Date/Time	
<i>[Signature]</i>									9-11-15 1201

Received by: *[Signature]*

78'e

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. AR 0020702
 102 Industrial Dr. 002 H
 Batesville AR 72501

B. FACILITY & LOCATION ADDRESS

Same as mailing address

C. FACILITY CONTACT:

Randall Davis

TELEPHONE NUMBER:

870620350

e-mail:

randal.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

(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

Stages 2 & 4 are Rinse
 Stages in a 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.

NA

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

C. Number of Regular Employees at this Facility

450

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core &	7700	13000	
Regulated (Cyanide)			
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	11000	16000	
Total Flow to POTW	18700	29000	*****

*"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 pickup by wasted services, JMC

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	<0.005	<0.02	0.077	<0.05	<0.02	<0.01	0.160	<0.01	BDL
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: **G ' 433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED** **G ' 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(i)]

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

12-10-15
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: August 25, 2015 1:00 PM

Collection Place: Effluent

Collected By: BET

Wastewater Analysis

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	09/03 2:05 PM	NA	< 0.005	mg/l	NA	KLB	103.7	2.95	Grab	1
Chromium	09/03 2:05 PM	NA	< 0.02	mg/l	NA	KLB	99.5	1.47	Grab	1
Copper	09/03 2:05 PM	NA	< 0.01	mg/l	NA	KLB	98.8	2.21	Grab	1
Lead	09/03 2:05 PM	NA	< 0.05	mg/l	NA	KLB	101.8	3.71	Grab	1
Nickel	09/03 2:05 PM	NA	0.014	97.1	NA	KLB	102.6	0.93	Grab	1
Silver	09/03 2:05 PM	NA	< 0.01	mg/l	NA	KLB	94.0	0.15	Grab	1
Zinc	09/03 2:05 PM	NA	0.022	mg/l	NA	KLB	105.6	2.71	Grab	1
Volatiles & Semi Volatiles	09/01 9:03 PM	NA		ug/l	NA	AI301			CALC	2
Control # 193758		AI results attached								
pH	08/25 1:00 PM	NA	7.70	S.U.	NA	BET	NA	0.23	GRAB	3
Cyanide, Total	09/04 9:00 AM	NA	< 0.01	mg/l	NA	KLB	95.8	0.00	GRAB	4

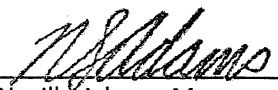
Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies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

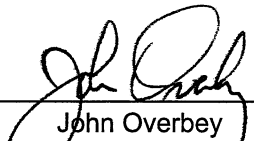

 Neville Adams, Manager

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

This report contains the analytical results and supporting information for the sample submitted on August 31, 2015. 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:

One (1) water sample(s) received on August 31, 2015
2399
P.O. No. 2399

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

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>
193758-1	Sample #1	25-Aug-2015 1300	

Qualifiers:

- D Result is from a secondary dilution factor
- P Improper preservation
- R n-Nitrosodiphenylamine cannot be separated from diphenylamine

Case Narrative:

Base/Neutral and Acid matrix spike is not available due to limited sample.

40 CFR 136 indicates that Acrolein and Acrylonitrile can have a holding time of 14 days if preserved to a pH between 4 and 5 units. As there is no practical way to achieve this pH preservation in the field, American Interplex Corporation has elected to analyze volatiles unpreserved with a holding time of 3 days for Acrolein and 7 days for the remaining volatile analytes. The volatile compound 2-Chloroethyl vinyl ether should be analyzed from an unpreserved sample.

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", (SM).
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

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Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 193758-1

Sample Identification: Sample #1 25-Aug-2015 1300

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Acenaphthylene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Benzidine EPA 625	< 25	25	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Benzo(g,h,i)perylene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
3,4-Benzofluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Bis(2-chloroethoxy)methane EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Bis(2-chloroethyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
4-Bromophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Butylbenzyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2-Chloronaphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2-Chlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
4-Chlorophenyl phenyl ether EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Di-n-butyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	

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ANALYTICAL RESULTS

AIC No. 193758-1 (Continued)

Sample Identification: Sample #1 25-Aug-2015 1300

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Di-n-octyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2,4-Dichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Diethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Dimethyl phthalate EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2,4-Dimethylphenol EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
4,6-Dinitro-o-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2,4-Dinitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2,4-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
2,6-Dinitrotoluene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
1,2-Diphenylhydrazine EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Fluorene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Hexachlorobutadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Hexachlorocyclopentadiene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Hexachloroethane EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	
Isophorone EPA 625	< 5.0	5.0	ug/l	
Prep: 01-Sep-2015 0814 by 306	Analyzed: 01-Sep-2015 2103 by 301		Batch: B9660	

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ANALYTICAL RESULTS

AIC No. 193758-1 (Continued)

Sample Identification: Sample #1 25-Aug-2015 1300

<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 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
n-Nitrosodimethylamine EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
n-Nitrosodiphenylamine EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	R
Prep: 01-Sep-2015 0814 by 306				
Naphthalene EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Nitrobenzene EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
2-Nitrophenol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
4-Nitrophenol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
p-Chloro-m-cresol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Pentachlorophenol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Phenanthrene EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Phenol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Pyrene EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
1,2,4-Trichlorobenzene EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
2,4,6-Trichlorophenol EPA 625	< 5.0 Analyzed: 01-Sep-2015 2103 by 301	5.0	ug/l Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	76.3 Analyzed: 01-Sep-2015 2103 by 301		% Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	50.3 Analyzed: 01-Sep-2015 2103 by 301		% Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	69.4 Analyzed: 01-Sep-2015 2103 by 301		% Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	81.8 Analyzed: 01-Sep-2015 2103 by 301		% Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	51.4 Analyzed: 01-Sep-2015 2103 by 301		% Batch: B9660	
Prep: 01-Sep-2015 0814 by 306				
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25 Analyzed: 01-Sep-2015 1134 by 301	25	ug/l Batch: V8819	P
Prep: 31-Aug-2015 1655 by 301				

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ANALYTICAL RESULTS
AIC No. 193758-1 (Continued)
Sample Identification: Sample #1 25-Aug-2015 1300

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	P
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	P
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	

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3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 193758-1 (Continued)

Sample Identification: Sample #1 25-Aug-2015 1300

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Methyl bromide(Bromomethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Methyl chloride(Chloromethane) EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Methylene chloride EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,1,2,2-Tetrachloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Tetrachloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Toluene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,1,1-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
1,1,2-Trichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Trichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Vinyl chloride EPA 624	< 2.0	2.0	ug/l	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	98.8		%	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	97.9		%	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	97.4		%	
Prep: 31-Aug-2015 1655 by 301	Analyzed: 01-Sep-2015 1134 by 301		Batch: V8819	

Arkansas Testing Laboratories
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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Compounds								
Acrolein	193762-1	< 500 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 500 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Acrylonitrile	193762-1	< 200 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 200 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Benzene	193762-1	< 0.050 mg/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 0.050 mg/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Bromodichloromethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Bromoform	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Bromomethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Carbon tetrachloride	193762-1	< 20 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 20 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Chlorobenzene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Chloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
2-Chloroethyl vinyl ether	193762-1	< 100 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 100 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Chloroform	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Chloromethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Dibromochloromethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,2-Dichlorobenzene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,3-Dichlorobenzene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,4-Dichlorobenzene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,1-Dichloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,2-Dichloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,1-Dichloroethene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
trans-1,2-Dichloroethene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,2-Dichloropropane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
cis-1,3-Dichloropropene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
trans-1,3-Dichloropropene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	Limit	Preparation Date	Analysis Date	Dil	Qual
Ethylbenzene	193762-1	< 0.050 mg/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 0.050 mg/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Methylene chloride	193762-1	< 200 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 200 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,1,2,2-Tetrachloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Tetrachloroethene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Toluene	193762-1	< 0.050 mg/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 0.050 mg/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,1,1-Trichloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
1,1,2-Trichloroethane	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Trichloroethene	193762-1	< 50 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 50 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Vinyl chloride	193762-1	< 20 ug/l			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	< 20 ug/l	0.00	30.0	31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
4-Bromofluorobenzene (75.0-120%)	193762-1	109 %			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	105 %			31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Dibromofluoromethane (85.0-115%)	193762-1	88.3 %			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	97.8 %			31Aug15 1655 by 301	01Sep15 1639 by 301	10	D
Toluene-D8 (85.0-120%)	193762-1	103 %			31Aug15 1654 by 301	01Sep15 1549 by 301	10	D
	Batch: V8819 Duplicate	101 %			31Aug15 1655 by 301	01Sep15 1639 by 301	10	D

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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	75.6	45.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.2	45.0-110	1.84	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Acenaphthylene	40 ug/l	72.8	50.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.6	50.0-105	0.275	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Anthracene	40 ug/l	72.4	55.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	73.4	55.0-110	1.30	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Benzidine	100 ug/l	23.5	0.00-46.1			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	100 ug/l	21.3	0.00-46.1	9.95	91.2	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Benzo(a)anthracene	40 ug/l	77.2	55.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	76.8	55.0-110	0.552	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Benzo(a)pyrene	40 ug/l	70.0	55.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	69.4	55.0-110	0.789	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Benzo(g,h,i)perylene	40 ug/l	63.4	40.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	63.4	40.0-125	0.118	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Benzo(k)fluoranthene	40 ug/l	81.4	45.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	78.4	45.0-125	3.72	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
3,4-Benzofluoranthene	40 ug/l	81.6	45.0-120			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	78.5	45.0-120	3.87	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Bis(2-chloroethoxy)methane	40 ug/l	72.3	45.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	73.4	45.0-105	1.58	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Bis(2-chloroethyl)ether	40 ug/l	72.4	35.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.8	35.0-110	0.551	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	74.1	25.0-130			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	75.4	25.0-130	1.81	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	63.8	40.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	57.1	40.0-125	11.0	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
4-Bromophenyl phenyl ether	40 ug/l	72.2	50.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.2	50.0-115	0.0692	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Butylbenzyl phthalate	40 ug/l	63.3	45.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	60.2	45.0-115	5.02	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2-Chloronaphthalene	40 ug/l	73.4	50.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.4	50.0-105	1.41	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2-Chlorophenol	40 ug/l	69.2	35.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	70.3	35.0-105	1.54	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	74.7	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.0	50.0-110	0.907	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Chrysene	40 ug/l	78.6	55.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	79.6	55.0-110	1.30	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Di-n-butyl phthalate	40 ug/l	86.8	55.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	87.0	55.0-115	0.230	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Di-n-octyl phthalate	40 ug/l	60.2	35.0-135			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	52.6	35.0-135	13.4	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Dibenz(a,h)anthracene	40 ug/l	58.8	40.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	61.0	40.0-125	3.80	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
1,2-Dichlorobenzene	40 ug/l	68.9	35.0-100			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	69.4	35.0-100	0.831	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		

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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)										
1,3-Dichlorobenzene	40 ug/l	66.7	30.0-100			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	68.0	30.0-100	1.86	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
1,4-Dichlorobenzene	40 ug/l	67.8	30.0-100			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	68.4	30.0-100	0.880	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
3,3'-Dichlorobenzidine	40 ug/l	58.0	20.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	55.2	20.0-110	5.04	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4-Dichlorophenol	40 ug/l	69.9	50.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	70.3	50.0-105	0.535	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Diethyl phthalate	40 ug/l	78.8	40.0-120			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	78.9	40.0-120	0.127	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Dimethyl phthalate	40 ug/l	77.8	25.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	78.3	25.0-125	0.608	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4-Dimethylphenol	40 ug/l	51.0	30.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	52.2	30.0-110	2.32	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
4,6-Dinitro-o-cresol	40 ug/l	72.1	40.0-130			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.4	40.0-130	0.519	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4-Dinitrophenol	40 ug/l	62.2	15.0-140			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	70.4	15.0-140	12.3	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4-Dinitrotoluene	40 ug/l	79.0	50.0-120			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	78.0	50.0-120	1.27	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,6-Dinitrotoluene	40 ug/l	76.6	50.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.3	50.0-115	2.98	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
1,2-Diphenylhydrazine	40 ug/l	69.2	55.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	69.8	55.0-115	0.863	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Fluoranthene	40 ug/l	82.2	55.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	82.5	55.0-115	0.304	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Fluorene	40 ug/l	76.9	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	75.8	50.0-110	1.34	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Hexachlorobenzene	40 ug/l	75.2	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.2	50.0-110	1.27	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Hexachlorobutadiene	40 ug/l	65.2	25.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	64.5	25.0-105	0.964	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Hexachlorocyclopentadiene	40 ug/l	76.6	41.2-107			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	77.3	41.2-107	0.909	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Hexachloroethane	40 ug/l	67.5	30.0-100			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	66.1	30.0-100	2.06	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	55.8	45.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	56.6	45.0-125	1.42	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Isophorone	40 ug/l	74.7	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	76.3	50.0-110	2.12	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	73.5	35.0-130			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.5	35.0-130	1.35	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
n-Nitrosodimethylamine	40 ug/l	49.1	25.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	51.1	25.0-110	4.09	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
n-Nitrosodiphenylamine	40 ug/l	73.1	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	73.8	50.0-110	0.919	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		

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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)										
Naphthalene	40 ug/l	69.0	40.0-100			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	70.3	40.0-100	1.90	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Nitrobenzene	40 ug/l	71.1	45.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.4	45.0-110	1.74	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2-Nitrophenol	40 ug/l	63.8	40.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	67.2	40.0-115	5.19	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
4-Nitrophenol	40 ug/l	53.8	0.00-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	43.9	0.00-125	20.2	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
p-Chloro-m-cresol	40 ug/l	72.0	45.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	72.8	45.0-110	1.00	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Pentachlorophenol	40 ug/l	66.6	40.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	69.8	40.0-115	4.69	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Phenanthrene	40 ug/l	74.4	50.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	75.2	50.0-115	1.20	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Phenol	40 ug/l	44.4	0.00-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	41.4	0.00-115	6.87	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Pyrene	40 ug/l	69.4	50.0-130			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	71.8	50.0-130	3.33	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
1,2,4-Trichlorobenzene	40 ug/l	68.6	35.0-105			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	68.9	35.0-105	0.546	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4,6-Trichlorophenol	40 ug/l	68.5	50.0-115			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	69.6	50.0-115	1.48	30.0	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	75.2	50.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	74.9	50.0-110	-	-	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2-Fluorophenol	40 ug/l	56.4	20.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	54.8	20.0-110	-	-	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Nitrobenzene-D5	40 ug/l	75.5	40.0-110			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	76.0	40.0-110	-	-	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Terphenyl-D14	40 ug/l	77.6	50.0-135			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	77.6	50.0-135	-	-	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
2,4,6-Tribromophenol	40 ug/l	76.3	40.0-125			B9660	01Sep15 1321 by 306	01Sep15 1940 by 301		
	40 ug/l	75.8	40.0-125	-	-	B9660	01Sep15 1321 by 306	01Sep15 2021 by 301		
Volatile Organic Compounds										
Acrolein	100 ug/l	100	64.4-129			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Acrylonitrile	100 ug/l	104	68.3-134			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Benzene	20 ug/l	118	80.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Bromodichloromethane	20 ug/l	112	75.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Bromoform	20 ug/l	101	70.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Bromomethane	20 ug/l	96.3	30.0-145			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Carbon tetrachloride	20 ug/l	85.0	65.0-140			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Chlorobenzene	20 ug/l	117	80.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Chloroethane	20 ug/l	112	60.0-135			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
2-Chloroethyl vinyl ether	40 ug/l	110	70.1-124			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
Chloroform	20 ug/l	116	65.0-135			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Chloromethane	20 ug/l	94.7	40.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Dibromochloromethane	20 ug/l	110	60.0-135			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,2-Dichlorobenzene	20 ug/l	116	70.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,3-Dichlorobenzene	20 ug/l	119	75.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,4-Dichlorobenzene	20 ug/l	117	75.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,1-Dichloroethane	20 ug/l	114	70.0-135			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,2-Dichloroethane	20 ug/l	112	70.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,1-Dichloroethene	20 ug/l	106	70.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
trans-1,2-Dichloroethene	20 ug/l	113	60.0-140			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,2-Dichloropropane	20 ug/l	112	75.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
cis-1,3-Dichloropropene	20 ug/l	101	70.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
trans-1,3-Dichloropropene	20 ug/l	101	55.0-140			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Ethylbenzene	20 ug/l	118	75.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Methylene chloride	20 ug/l	99.2	55.0-140			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,1,2,2-Tetrachloroethane	20 ug/l	107	65.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Tetrachloroethene	20 ug/l	121	45.0-150			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Toluene	20 ug/l	116	75.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,1,1-Trichloroethane	20 ug/l	118	65.0-130			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
1,1,2-Trichloroethane	20 ug/l	111	75.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Trichloroethene	20 ug/l	117	70.0-125			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Vinyl chloride	20 ug/l	116	50.0-145			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	100	75.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Dibromofluoromethane	50 ug/l	102	85.0-115			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		
Toluene-D8	50 ug/l	97.9	85.0-120			V8819	31Aug15 1655 by 301	01Sep15 0808 by 301		

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							
Acenaphthene	< 0.54 ug/l	0.54	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Acenaphthylene	< 0.54 ug/l	0.54	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Anthracene	< 0.73 ug/l	0.73	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Benzidine	< 19 ug/l	19	25	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Benzo(a)anthracene	< 0.79 ug/l	0.79	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Benzo(a)pyrene	< 0.82 ug/l	0.82	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Benzo(g,h,i)perylene	< 1.3 ug/l	1.3	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Benzo(k)fluoranthene	< 0.89 ug/l	0.89	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
3,4-Benzofluoranthene	< 0.98 ug/l	0.98	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Bis(2-chloroethoxy)methane	< 2.3 ug/l	2.3	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Bis(2-chloroethyl)ether	< 0.87 ug/l	0.87	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Bis(2-chloroisopropyl)ether	< 0.97 ug/l	0.97	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Bis(2-ethylhexyl)phthalate	< 2.7 ug/l	2.7	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
4-Bromophenyl phenyl ether	< 0.56 ug/l	0.56	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Butylbenzyl phthalate	< 1.3 ug/l	1.3	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2-Chloronaphthalene	< 0.63 ug/l	0.63	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2-Chlorophenol	< 0.64 ug/l	0.64	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
4-Chlorophenyl phenyl ether	< 2.1 ug/l	2.1	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Chrysene	< 0.66 ug/l	0.66	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Di-n-butyl phthalate	< 1.8 ug/l	1.8	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Di-n-octyl phthalate	< 1.9 ug/l	1.9	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Dibenz(a,h)anthracene	< 1.6 ug/l	1.6	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
3,3'-Dichlorobenzidine	< 3.0 ug/l	3.0	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4-Dichlorophenol	< 1.7 ug/l	1.7	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Diethyl phthalate	< 1.5 ug/l	1.5	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Dimethyl phthalate	< 0.58 ug/l	0.58	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4-Dimethylphenol	< 2.8 ug/l	2.8	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
4,6-Dinitro-o-cresol	< 1.4 ug/l	1.4	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4-Dinitrophenol	< 4.5 ug/l	4.5	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4-Dinitrotoluene	< 0.54 ug/l	0.54	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,6-Dinitrotoluene	< 0.46 ug/l	0.46	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
1,2-Diphenylhydrazine	< 0.76 ug/l	0.76	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Fluoranthene	< 1.4 ug/l	1.4	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Fluorene	< 0.57 ug/l	0.57	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Hexachlorobenzene	< 2.1 ug/l	2.1	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Hexachlorobutadiene	< 2.5 ug/l	2.5	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Hexachlorocyclopentadiene	< 2.5 ug/l	2.5	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Hexachloroethane	< 1.1 ug/l	1.1	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Indeno(1,2,3-cd)pyrene	< 2.4 ug/l	2.4	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Isophorone	< 2.3 ug/l	2.3	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
n-Nitrosodi-n-propylamine	< 0.81 ug/l	0.81	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
n-Nitrosodimethylamine	< 4.1 ug/l	4.1	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
n-Nitrosodiphenylamine	< 1.5 ug/l	1.5	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	R
Naphthalene	< 0.73 ug/l	0.73	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Nitrobenzene	< 1.8 ug/l	1.8	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2-Nitrophenol	< 2.0 ug/l	2.0	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
4-Nitrophenol	< 0.69 ug/l	0.69	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
p-Chloro-m-cresol	< 0.63 ug/l	0.63	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Pentachlorophenol	< 0.75 ug/l	0.75	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	

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	< 1.2 ug/l	1.2	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Phenol	< 1.2 ug/l	1.2	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Pyrene	< 1.4 ug/l	1.4	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
1,2,4-Trichlorobenzene	< 0.94 ug/l	0.94	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4,6-Trichlorophenol	< 0.76 ug/l	0.76	5.0	B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	83.2 %			B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2-Fluorophenol (20.0-110%)	58.4 %			B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Nitrobenzene-D5 (40.0-110%)	80.3 %			B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Terphenyl-D14 (50.0-135%)	102 %			B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
2,4,6-Tribromophenol (40.0-125%)	59.2 %			B9660-1	01Sep15 1321 by 306	01Sep15 1901 by 301	
Volatile Organic Compounds							
Acrolein	< 2.0 ug/l	2.0	25	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Acrylonitrile	< 0.49 ug/l	0.49	25	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Benzene	< 0.054 ug/l	0.054	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Bromoform	< 0.11 ug/l	0.11	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Carbon tetrachloride	< 0.27 ug/l	0.27	2.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Chlorobenzene	< 0.087 ug/l	0.087	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Chlorodibromomethane	< 0.12 ug/l	0.12	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Chloroethane	< 0.22 ug/l	0.22	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
2-Chloroethyl vinyl ether	< 0.21 ug/l	0.21	10	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Chloroform	< 0.082 ug/l	0.082	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,2-Dichlorobenzene	< 0.093 ug/l	0.093	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,3-Dichlorobenzene	< 0.081 ug/l	0.081	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,4-Dichlorobenzene	< 0.12 ug/l	0.12	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Dichlorobromomethane	< 0.12 ug/l	0.12	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,1-Dichloroethane	< 0.076 ug/l	0.076	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,2-Dichloroethane	< 0.086 ug/l	0.086	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,1-Dichloroethylene	< 0.21 ug/l	0.21	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
trans-1,2-Dichloroethylene	< 0.17 ug/l	0.17	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,2-Dichloropropane	< 0.15 ug/l	0.15	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
cis-1,3-Dichloropropylene	< 0.15 ug/l	0.15	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
trans-1,3-Dichloropropylene	< 0.27 ug/l	0.27	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Ethylbenzene	< 0.057 ug/l	0.057	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Methyl bromide(Bromomethane)	< 0.11 ug/l	0.11	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Methyl chloride(Chloromethane)	< 0.38 ug/l	0.38	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Methylene chloride	< 0.26 ug/l	0.26	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,1,2,2-Tetrachloroethane	< 0.088 ug/l	0.088	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Tetrachloroethylene	< 0.15 ug/l	0.15	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Toluene	< 0.076 ug/l	0.076	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,1,1-Trichloroethane	< 0.23 ug/l	0.23	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
1,1,2-Trichloroethane	< 0.18 ug/l	0.18	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Trichloroethylene	< 0.087 ug/l	0.087	5.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Vinyl chloride	< 0.15 ug/l	0.15	2.0	V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	93.5 %			V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Dibromofluoromethane (85.0-115%)	90.5 %			V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	
Toluene-D8 (85.0-120%)	98.0 %			V8819-1	31Aug15 1655 by 301	01Sep15 1042 by 301	

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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

ARKATL@SBCGLOBAL.NET

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: ARKANSAS TESTING LAB					PO # <u>2399</u>					PARAMETERS				
					REF #									
SAMPLE ID	SAMPLE MATRIX	SAMPLED BY: <u>BET</u>										PRESERVATIVES		
DIFF	W=H2O	DATE	TIME									<u>NP</u>	<u>HCl</u>	
CLAR	S=SLUDG			<u>Grab</u>								<u>Semi-</u>	<u>VOL</u>	
COND	D=SOIL											<u>Vol</u>		
BACKWASH	C=WELL													
<u>Sample #1</u>	<u>W</u>	<u>8-25-15</u>	<u>1:00 pm</u>	<u>X</u>								<u>1-L-G</u>	<u>1-40-G</u>	
= number of bottles		Q, L, H = Quart, Liter, Half Gallon			P, G = Plastic, Glass									
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/31/15 12:47 PM</u>			Received by:			Date/Time						
Relinquished by:		Date/Time:			Received by: <u>[Signature]</u>			Date/Time: <u>8-31-15 1247</u>						

2.1°C

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

<p>A. LEGAL NAME & MAILING ADDRESS AR Bad Boy Inc. 102 Industrial Dr. Batesville AR 72501 0020702 001#</p>	<p>B. FACILITY & LOCATION ADDRESS Same as mailing address</p>
--	--

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)

<p>A. MONTHS WHICH REPORTS ARE DUE <u>June & December</u></p>	<p>B. PERIOD COVERED BY THIS REPORT FROM: <u>June</u> TO: <u>December</u></p>
--	--

(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p>CORE PROCESS(ES)</p> <p>CHECK EACH APPLICABLE BLOCK</p> <p>G Electroplating G Electroless Plating G Anodizing <input checked="" type="checkbox"/> G Coating G Chemical Etching and Milling G Printed Circuit Board Manufacture</p> <p>ANCILLARY PROCESS(ES)*</p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>Stages 2 & 4 are Rinse</u> <u>Stages in a Five stage</u> <u>Cleaning Process</u></p>	<p>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.</p> <p><i>MA</i></p>
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*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

<p>C. Number of Regular Employees at this Facility <u>450</u></p>	<p>D. [Reserved]</p>
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(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Regulated (Cyanide)	7772	13200	
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	11000	16000	
Total Flow to POTW	18772	29200	*****

*"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 pick 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	<0.005	<0.02	<0.01	<0.05	0.014	<0.01	0.022	<0.01	BOL
Ave Measured									

Sample Location Samp PTH 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:

W/A

(8) GENERAL COMMENTS

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

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

12-10-15
DATE SIGNED