

## Gage, Hannah

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**From:** Johnson, Lindsay  
**Sent:** Thursday, June 15, 2017 11:04 AM  
**To:** 'Johnny Sifford'  
**Cc:** Gage, Hannah; Leamons, Bryan; McWilliams, Carrie; Yates, Adam; wwsuper@cityofbatesville.com  
**Subject:** AR0020702\_Intimidator ARP001028 June 2017 semi annual Pretreatment report\_20170615

Johnny,

Intimidator's June 2017 semi-annual Pretreatment report was received, reviewed, and deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and with the Metal Finishing Standards in 40 CFR 433.17.

Thank you for submitting the requested material in a timely manner. No further action is deemed necessary at this time.

Best,

*Lindsay Johnson  
NPDES Staff Engineer  
ADEQ-Office of Water Quality  
(501)682-0045*

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**From:** Johnny Sifford [<mailto:johnny.sifford@intimidatorutv.com>]  
**Sent:** Thursday, June 15, 2017 10:00 AM  
**To:** Johnson, Lindsay  
**Subject:** RE: Intimidator Group Form (40CFR433) pre- treatment report

Yes, absolutely. Here are the analytical results. I will be sending the Change of Authorization shortly.

thanks

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**From:** Johnson, Lindsay [<mailto:ljohnson@adeq.state.ar.us>]  
**Sent:** Thursday, June 15, 2017 8:42 AM  
**To:** Johnny Sifford  
**Cc:** Leamons, Bryan; Yates, Adam; McWilliams, Carrie; [wwsuper@cityofbatesville.com](mailto:wwsuper@cityofbatesville.com)  
**Subject:** RE: Intimidator Group Form (40CFR433) pre- treatment report

Johnny,

Intimidator's June 2017 semi-annual Pretreatment report was received, reviewed and deemed incomplete. Could you please submit a copy of the analytical results from the lab as well as a copy of the chain of custody? I have also copied a Request for Change of Authorization form now that there will be a new responsible official signing these reports. If you could fill that out and send that to me as well, I can update our records with this change.

[https://www.adeq.state.ar.us/water/permits/npdes/nonstormwater/pdfs/change\\_in\\_signatory\\_authorization\\_form.pdf](https://www.adeq.state.ar.us/water/permits/npdes/nonstormwater/pdfs/change_in_signatory_authorization_form.pdf)

If you have any questions about this, please feel free to contact me via email or phone.

Thank you,

Lindsay Johnson  
NPDES Staff Engineer  
ADEQ-Office of Water Quality  
(501)682-0045

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**From:** Johnny Sifford [<mailto:johnny.sifford@intimidatorutv.com>]  
**Sent:** Wednesday, June 14, 2017 10:44 AM  
**To:** [water.permit.applications@adeq.state.ar.us](mailto:water.permit.applications@adeq.state.ar.us)  
**Subject:** Intimidator Group Form (40CFR433) pre- treatment report

Good Day,

I will be overseeing the paint department. Rick Buie Sr. has resigned. Please see attached file. If you have any questions let me know.

Thanks

**Johnny Sifford**  
**Paint Department**  
870.834.5954



**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**

Intimidator Group  
1 Bad Boy Blvd.  
Batesville AR 72501

**B. FACILITY & LOCATION ADDRESS**

Same

**C. FACILITY CONTACT:** Johnny Sifford **TELEPHONE NUMBER:** (870) 834 5954 **e-mail:** johnny.sifford@intimidator utv.com

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

**A. MONTHS WHICH REPORTS ARE DUE**

Jan/Dec. & June

**B. PERIOD COVERED BY THIS REPORT**

FROM: Jan TO: June

**(3) DESCRIPTION OF OPERATION**

**A. REGULATED PROCESSES**

**CORE PROCESS(ES)**

CHECK EACH APPLICABLE BLOCK

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

**ANCILLARY PROCESS(ES)\***

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stage two and four are  
rinse stages in the S  
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.

No change

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

**C. Number of Regular Employees at this Facility**

260

**D. [Reserved]**

Intimidator Group

**(4) FLOW MEASUREMENT**

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	6100	10100	
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	15,200	30,400	
Total Flow to POTW	20300	40500	*****

\*"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 are captured and picked up by Waste 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	0.0	20.02	20.01	20.05	0.079	20.01	0.153	20.01	BDL
Ave Measured									

Sample Location Pit outside building

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use:  Yes  No



**(6) CERTIFICATION**

A. [Reserved]

[Reserved]

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

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

\_\_\_\_\_  
(Typed Name)

\_\_\_\_\_  
(Corporate Officer or authorized representative)

Date of Signature \_\_\_\_\_

**CORPORATE ACKNOWLEDGEMENT (Optional)**

STATE OF ARKANSAS            )  
COUNTY OF \_\_\_\_\_)

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

Given under my hand and seal of office on this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Notary Public in and for \_\_\_\_\_  
County, Arkansas

My commission expires \_\_\_\_\_.

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

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

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

N/A

**(8) GENERAL COMMENTS**

**(9) SIGNATORY REQUIREMENTS [40CFR403.12(D)]**

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.

Johnny Sifford  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Paint Supervisor  
OFFICIAL TITLE

Johnny Sifford  
SIGNATURE

6-14-17  
DATE SIGNED

# Arkansas Testing Labs, Inc.

3301 Langley Dr.  
Searcy, AR 72143

# Invoice

Date	Invoice #
5/31/2017	115016

Bill To

Intimidator, Inc  
#1 Bad Boy Blvd  
Batesville, AR 72501

Terms	PO#
Due on Receipt	

QTY	Description	Rate	Amount
1	pH Analysis: 5/26/17	41.00	41.00
1	Cyanide: 5/26/17	51.00	51.00
7	Cd, Cr, Cu, Pb, Ni, Zn, Ag	26.00	182.00
1	American Interplex # 213158	675.00	675.00

Please remember to write your invoice number on the check.

**Total** \$949.00

Billing terms are "Due on Receipt".

Payments/Credits \$0.00

**Balance Due** \$949.00

Invoice # 115016

Phone #	Fax #	E-Mail
501-268-6431	844-318-7030	arkatl@sbcglobal.net

Web Site

# Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143 (501) 268-6431 f (844) 318-7030

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

## INTIMIDATOR

Collection Date: May 26, 2017  
 Collection Time: 9:50 AM  
 Collected By: BET

## Wastewater Analysis

Collection Place: Final Discharge Point

Parameter	Analysis Begin		Analysis End		Results	Unit	Loading	Analyst	%	Rel	Sample	Ref
	Date / Time		Date / Time				lb/dy		Spike	%	Type	#
pH	05/26	9:50 AM	NA	NA	7.24	S.U.	NA	BET	NA	0.14	Grab	4
Cyanide	05/03	8:00 AM	NA	NA	< 0.01	mg/l	NA	KLB	103.1	0.00	Grab	5
Cadmium	06/01	11:33 AM	NA	NA	0.0	mg/l	NA	KLB	101.3	0.00	Grab	7
Chromium	06/01	11:33 AM	NA	NA	< 0.02	mg/l	NA	KLB	104.3	0.00	Grab	7
Copper	06/01	11:33 AM	NA	NA	< 0.01	mg/l	NA	KLB	100.6	7.41	Grab	7
Lead	06/01	11:33 AM	NA	NA	< 0.05	mg/l	NA	KLB	103	0.00	Grab	7
Nickel	06/01	11:33 AM	NA	NA	0.079	mg/l	NA	KLB	105.2	1.94	Grab	7
Zinc	06/01	11:33 AM	NA	NA	0.153	mg/l	NA	KLB	110.6	12.66	Grab	7
Silver	06/01	11:33 AM	NA	NA	< 0.01	mg/l	NA	KLB	88.0	0.00	Grab	7
Base/Neutral/Acid Compounds			06/02	11:43 PM			NA	AI306				
Volatiles			06/05	8:36 PM			NA	AI271				
Control #213518	<b>AI Results Attached</b>											

**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 H<sub>2</sub>SO<sub>4</sub> to pH<sub>2</sub>: Oil & Grease, Ammonia, COD

### References:

Analysis complies with 40 CFR Part 136:

4. SM 4500-HB-2000
5. SM 4500-Cl-E-1999
7. SM 3120B-1999



Neville Adams, Manager

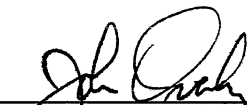


Arkansas Testing Laboratories  
ATTN: Ms. Lorrie Barbee  
3301 Langley Drive  
Searcy, AR 72143

This report contains the analytical results and supporting information for the sample submitted on May 31, 2017. 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 Chief Operating Officer or a qualified designee.

  
\_\_\_\_\_  
John Overbey  
Chief Operating Officer

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 May 31, 2017  
2513  
P.O. No. 2513

**Receipt Details:**

A Chain of Custody was provided. The samples were delivered in two (2) ice chests.  
Ice chest #1 was delivered with shipping documentation.  
Ice chest #2 was delivered with shipping documentation.

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

**Sample Identification:**

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
213158-1	Sample #1	26-May-2017 0950	

**Qualifiers:**

H Analytical holding time exceeded regulatory requirements  
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  
Searcy, AR 72143

**ANALYTICAL RESULTS**

AIC No. 213158-1

Sample Identification: Sample #1 26-May-2017 0950

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
<b>Base/Neutral and Acid Compounds By EPA 625</b>				
<b>Acenaphthene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Acenaphthylene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Anthracene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Benzidine</b> EPA 625	< 25	25	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Benzo(a)anthracene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Benzo(a)pyrene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Benzo(g,h,i)perylene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Benzo(k)fluoranthene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>3,4-Benzofluoranthene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Bis(2-chloroethoxy)methane</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Bis(2-chloroethyl)ether</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Bis(2-chloroisopropyl)ether</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Bis(2-ethylhexyl)phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>4-Bromophenyl phenyl ether</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Butylbenzyl phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2-Chloronaphthalene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2-Chlorophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>4-Chlorophenyl phenyl ether</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Chrysene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Di-n-butyl phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	

Arkansas Testing Laboratories  
 3301 Langley Drive  
 Searcy, AR 72143

**ANALYTICAL RESULTS**

AIC No. 213158-1 (Continued)

Sample Identification: Sample #1 26-May-2017 0950

Analyte	Result	RL	Units	Qualifier
<b>Base/Neutral and Acid Compounds By EPA 625 (Continued)</b>				
<b>Di-n-octyl phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Dibenz(a,h)anthracene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>3,3'-Dichlorobenzidine</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,4-Dichlorophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Diethyl phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Dimethyl phthalate</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,4-Dimethylphenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>4,6-Dinitro-o-cresol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,4-Dinitrophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,4-Dinitrotoluene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,6-Dinitrotoluene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>1,2-Diphenylhydrazine</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Fluoranthene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Fluorene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Hexachlorobenzene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Hexachlorobutadiene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Hexachlorocyclopentadiene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Hexachloroethane</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Indeno(1,2,3-cd)pyrene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Isophorone</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	



Arkansas Testing Laboratories  
 3301 Langley Drive  
 Searcy, AR 72143

**ANALYTICAL RESULTS**

AIC No. 213158-1 (Continued)

Sample Identification: Sample #1 26-May-2017 0950

Analyte	Result	RL	Units	Qualifier
<b>Base/Neutral and Acid Compounds By EPA 625 (Continued)</b>				
<b>n-Nitrosodi-n-propylamine</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>n-Nitrosodimethylamine</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>n-Nitrosodiphenylamine</b> EPA 625	< 5.0	5.0	ug/l	R
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Naphthalene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Nitrobenzene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2-Nitrophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>4-Nitrophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>p-Chloro-m-cresol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Pentachlorophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Phenanthrene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Phenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Pyrene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>1,2,4-Trichlorobenzene</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>2,4,6-Trichlorophenol</b> EPA 625	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	78.5		%	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	32.4		%	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	78.7		%	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	108		%	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	56.3		%	
Prep: 02-Jun-2017 0936 by 323	Analyzed: 02-Jun-2017 2343 by 306		Batch: B10490	
<b>Volatile Organic Compounds By EPA 624</b>				
<b>Acrolein</b> EPA 624	< 25	25	ug/l	H
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	

Arkansas Testing Laboratories  
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 Searcy, AR 72143

**ANALYTICAL RESULTS**

AIC No. 213158-1 (Continued)

Sample Identification: Sample #1 26-May-2017 0950

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
<b>Volatile Organic Compounds By EPA 624 (Continued)</b>				
<b>Acrylonitrile</b> EPA 624	< 25	25	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Benzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Bromoform</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Carbon tetrachloride</b> EPA 624	< 2.0	2.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Chlorobenzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Chlorodibromomethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Chloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>2-Chloroethyl vinyl ether</b> EPA 624	< 10	10	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Chloroform</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,2-Dichlorobenzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,3-Dichlorobenzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,4-Dichlorobenzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Dichlorobromomethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,1-Dichloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,2-Dichloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,1-Dichloroethylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>trans-1,2-Dichloroethylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,2-Dichloropropane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>cis-1,3-Dichloropropylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>trans-1,3-Dichloropropylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	

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**ANALYTICAL RESULTS**

AIC No. 213158-1 (Continued)

Sample Identification: Sample #1 26-May-2017 0950

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
<b>Volatile Organic Compounds By EPA 624 (Continued)</b>				
<b>Ethylbenzene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Methyl bromide(Bromomethane)</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Methyl chloride(Chloromethane)</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Methylene chloride</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,1,2,2-Tetrachloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Tetrachloroethylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Toluene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,1,1-Trichloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>1,1,2-Trichloroethane</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Trichloroethylene</b> EPA 624	< 5.0	5.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
<b>Vinyl chloride</b> EPA 624	< 2.0	2.0	ug/l	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	98.7		%	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
Surrogate: Dibromofluoromethane (85.0-115%) EPA 624	95.2		%	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	
Surrogate: Toluene-D8 (85.0-120%) EPA 624	99.2		%	
Prep: 02-Jun-2017 0857 by 271	Analyzed: 05-Jun-2017 2036 by 271		Batch: V9204	

Arkansas Testing Laboratories  
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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
<b>Base/Neutral and Acid Compounds</b>										
Acenaphthene	40 ug/l	81.1	45.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	79.5	45.0-110	2.02	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Acenaphthylene	40 ug/l	77.4	50.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	73.9	50.0-105	4.60	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Anthracene	40 ug/l	80.4	55.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	79.5	55.0-110	1.06	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Benzidine	100 ug/l	20.8	0.00-57.1			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	100 ug/l	20.1	0.00-57.1	3.27	55.8	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Benzo(a)anthracene	40 ug/l	87.3	55.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	87.1	55.0-110	0.258	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Benzo(a)pyrene	40 ug/l	75.0	55.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	74.7	55.0-110	0.367	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Benzo(g,h,i)perylene	40 ug/l	70.6	40.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	57.6	40.0-125	20.4	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Benzo(k)fluoranthene	40 ug/l	75.4	45.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	75.8	45.0-125	0.562	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
3,4-Benzofluoranthene	40 ug/l	79.7	45.0-120			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	75.5	45.0-120	5.45	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Bis(2-chloroethoxy)methane	40 ug/l	78.8	45.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	78.8	45.0-105	0.0634	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Bis(2-chloroethyl)ether	40 ug/l	80.4	35.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	78.6	35.0-110	2.39	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Bis(2-chloroisopropyl)ether	40 ug/l	79.4	25.0-130			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	78.4	25.0-130	1.39	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Bis(2-ethylhexyl)phthalate	40 ug/l	88.2	40.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	89.5	40.0-125	1.52	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
4-Bromophenyl phenyl ether	40 ug/l	86.9	50.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	85.6	50.0-115	1.57	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Butylbenzyl phthalate	40 ug/l	74.4	45.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	76.3	45.0-115	2.49	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2-Chloronaphthalene	40 ug/l	81.0	50.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	78.6	50.0-105	3.01	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2-Chlorophenol	40 ug/l	77.2	35.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	77.0	35.0-105	0.292	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	83.8	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	82.0	50.0-110	2.11	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Chrysene	40 ug/l	86.1	55.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	84.8	55.0-110	1.58	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Di-n-butyl phthalate	40 ug/l	91.0	55.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	92.6	55.0-115	1.74	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Di-n-octyl phthalate	40 ug/l	71.0	35.0-135			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	71.6	35.0-135	0.806	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Dibenz(a,h)anthracene	40 ug/l	71.5	40.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	61.1	40.0-125	15.6	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
1,2-Dichlorobenzene	40 ug/l	67.2	35.0-100			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	68.4	35.0-100	1.77	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		



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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
<b>Base/Neutral and Acid Compounds (Continued)</b>										
1,3-Dichlorobenzene	40 ug/l	64.1	30.0-100			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	64.4	30.0-100	0.467	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
1,4-Dichlorobenzene	40 ug/l	66.0	30.0-100			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	64.0	30.0-100	3.07	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
3,3'-Dichlorobenzidine	40 ug/l	61.8	20.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	59.8	20.0-110	3.41	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4-Dichlorophenol	40 ug/l	81.2	50.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	81.4	50.0-105	0.277	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Diethyl phthalate	40 ug/l	83.7	40.0-120			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	81.6	40.0-120	2.54	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Dimethyl phthalate	40 ug/l	84.2	25.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	82.6	25.0-125	1.86	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4-Dimethylphenol	40 ug/l	51.4	30.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	43.5	30.0-110	16.7	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
4,6-Dinitro-o-cresol	40 ug/l	75.8	40.0-130			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	76.9	40.0-130	1.37	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4-Dinitrophenol	40 ug/l	57.5	15.0-140			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	60.0	15.0-140	4.22	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4-Dinitrotoluene	40 ug/l	89.3	50.0-120			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	89.2	50.0-120	0.0840	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,6-Dinitrotoluene	40 ug/l	88.0	50.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	87.2	50.0-115	0.914	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
1,2-Diphenylhydrazine	40 ug/l	82.1	55.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	81.3	55.0-115	0.979	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Fluoranthene	40 ug/l	83.8	55.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	82.8	55.0-115	1.26	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Fluorene	40 ug/l	83.6	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	80.8	50.0-110	3.37	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Hexachlorobenzene	40 ug/l	83.4	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	84.0	50.0-110	0.777	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Hexachlorobutadiene	40 ug/l	68.2	25.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	68.6	25.0-105	0.548	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Hexachlorocyclopentadiene	40 ug/l	75.1	31.6-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	69.3	31.6-105	8.00	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Hexachloroethane	40 ug/l	62.7	30.0-100			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	61.8	30.0-100	1.45	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	70.7	45.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	60.4	45.0-125	15.7	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Isophorone	40 ug/l	82.1	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	80.8	50.0-110	1.60	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
n-Nitrosodi-n-propylamine	40 ug/l	90.4	35.0-130			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	89.8	35.0-130	0.610	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
n-Nitrosodimethylamine	40 ug/l	62.0	25.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	59.4	25.0-110	4.37	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
n-Nitrosodiphenylamine	40 ug/l	85.7	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	83.7	50.0-110	2.33	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		

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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
<b>Base/Neutral and Acid Compounds (Continued)</b>										
Naphthalene	40 ug/l	71.6	40.0-100			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	72.2	40.0-100	0.834	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Nitrobenzene	40 ug/l	81.3	45.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	80.1	45.0-110	1.43	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2-Nitrophenol	40 ug/l	80.3	40.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	83.8	40.0-115	4.20	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
4-Nitrophenol	40 ug/l	45.8	0.00-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	47.0	0.00-125	2.43	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
p-Chloro-m-cresol	40 ug/l	84.4	45.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	84.1	45.0-110	0.297	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Pentachlorophenol	40 ug/l	63.8	40.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	63.5	40.0-115	0.510	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Phenanthrene	40 ug/l	81.3	50.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	81.8	50.0-115	0.552	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Phenol	40 ug/l	53.1	0.00-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	52.6	0.00-115	1.04	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Pyrene	40 ug/l	76.2	50.0-130			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	73.6	50.0-130	3.41	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
1,2,4-Trichlorobenzene	40 ug/l	71.5	35.0-105			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	72.1	35.0-105	0.801	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4,6-Trichlorophenol	40 ug/l	85.4	50.0-115			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	82.6	50.0-115	3.27	30.0	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
<b>Base/Neutral and Acid Compounds Surrogates:</b>										
2-Fluorobiphenyl	40 ug/l	79.6	50.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	79.4	50.0-110	-	-	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2-Fluorophenol	40 ug/l	65.1	20.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	65.0	20.0-110	-	-	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Nitrobenzene-D5	40 ug/l	83.7	40.0-110			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	83.2	40.0-110	-	-	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
Terphenyl-D14	40 ug/l	80.3	50.0-135			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	81.4	50.0-135	-	-	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
2,4,6-Tribromophenol	40 ug/l	89.4	40.0-125			B10490	02Jun17 0936 by 323	02Jun17 2144 by 306		
	40 ug/l	91.5	40.0-125	-	-	B10490	02Jun17 0936 by 323	02Jun17 2223 by 306		
<b>Volatile Organic Compounds</b>										
Acrolein	100 ug/l	98.6	65.2-122			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Acrylonitrile	100 ug/l	95.8	68.2-124			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Benzene	20 ug/l	99.8	80.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Bromodichloromethane	20 ug/l	102	75.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Bromoform	20 ug/l	105	70.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Bromomethane	20 ug/l	106	30.0-145			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Carbon tetrachloride	20 ug/l	98.1	65.0-140			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Chlorobenzene	20 ug/l	106	80.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Chloroethane	20 ug/l	100	60.0-135			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
2-Chloroethyl vinyl ether	40 ug/l	101	87.6-112			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		

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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
<b>Volatile Organic Compounds (Continued)</b>										
Chloroform	20 ug/l	98.5	65.0-135			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Chloromethane	20 ug/l	102	40.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Dibromochloromethane	20 ug/l	105	60.0-135			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,2-Dichlorobenzene	20 ug/l	106	70.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,3-Dichlorobenzene	20 ug/l	106	75.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,4-Dichlorobenzene	20 ug/l	108	75.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,1-Dichloroethane	20 ug/l	97.4	70.0-135			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,2-Dichloroethane	20 ug/l	102	70.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,1-Dichloroethene	20 ug/l	105	70.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
trans-1,2-Dichloroethene	20 ug/l	103	60.0-140			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,2-Dichloropropane	20 ug/l	95.2	75.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
cis-1,3-Dichloropropene	20 ug/l	102	70.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
trans-1,3-Dichloropropene	20 ug/l	106	55.0-140			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Ethylbenzene	20 ug/l	106	75.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Methylene chloride	20 ug/l	89.2	55.0-140			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,1,2,2-Tetrachloroethane	20 ug/l	106	65.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Tetrachloroethene	20 ug/l	108	45.0-150			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Toluene	20 ug/l	106	75.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,1,1-Trichloroethane	20 ug/l	95.8	65.0-130			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
1,1,2-Trichloroethane	20 ug/l	100	75.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Trichloroethene	20 ug/l	108	70.0-125			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Vinyl chloride	20 ug/l	102	50.0-145			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
<b>Volatile Organic Compounds Surrogates:</b>										
4-Bromofluorobenzene	50 ug/l	102	75.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Dibromofluoromethane	50 ug/l	99.3	85.0-115			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		
Toluene-D8	50 ug/l	101	85.0-120			V9204	02Jun17 1733 by 271	05Jun17 1246 by 271		

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**MATRIX SPIKE SAMPLE RESULTS**

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
<b>Volatile Organic Compounds</b>									
Acrolein	213234-1	100 ug/l	87.6	42.5-122	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Acrylonitrile	213234-1	100 ug/l	102	62.7-141	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Benzene	213234-1	20 ug/l	90.7	80.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Bromodichloromethane	213234-1	20 ug/l	112	75.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Bromoform	213234-1	20 ug/l	85.8	70.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Bromomethane	213234-1	20 ug/l	118	30.0-145	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Carbon tetrachloride	213234-1	20 ug/l	85.2	65.0-140	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Chlorobenzene	213234-1	20 ug/l	93.2	80.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Chloroethane	213234-1	20 ug/l	89.0	60.0-135	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
2-Chloroethyl vinyl ether	213234-1	40 ug/l	89.1	52.0-141	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Chloroform	213234-1	20 ug/l	101	65.0-135	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Chloromethane	213234-1	20 ug/l	86.0	40.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Dibromochloromethane	213234-1	20 ug/l	88.8	60.0-135	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,2-Dichlorobenzene	213234-1	20 ug/l	90.1	70.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,3-Dichlorobenzene	213234-1	20 ug/l	91.4	75.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,4-Dichlorobenzene	213234-1	20 ug/l	93.4	75.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,1-Dichloroethane	213234-1	20 ug/l	84.6	70.0-135	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,2-Dichloroethane	213234-1	20 ug/l	88.5	70.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,1-Dichloroethene	213234-1	20 ug/l	90.3	70.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
trans-1,2-Dichloroethene	213234-1	20 ug/l	91.4	60.0-140	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,2-Dichloropropane	213234-1	20 ug/l	86.0	75.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
cis-1,3-Dichloropropene	213234-1	20 ug/l	88.8	70.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
trans-1,3-Dichloropropene	213234-1	20 ug/l	89.4	55.0-140	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Ethylbenzene	213234-1	20 ug/l	91.8	75.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Methylene chloride	213234-1	20 ug/l	80.3	55.0-140	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,1,2,2-Tetrachloroethane	213234-1	20 ug/l	87.7	65.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Tetrachloroethene	213234-1	20 ug/l	95.4	45.0-150	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Toluene	213234-1	20 ug/l	91.6	75.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,1,1-Trichloroethane	213234-1	20 ug/l	85.2	65.0-130	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
1,1,2-Trichloroethane	213234-1	20 ug/l	88.6	75.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Trichloroethene	213234-1	20 ug/l	96.2	70.0-125	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Vinyl chloride	213234-1	20 ug/l	94.6	50.0-145	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
<b>Volatile Organic Compounds Surrogates:</b>									
4-Bromofluorobenzene	213234-1	50 ug/l	99.4	75.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Dibromofluoromethane	213234-1	50 ug/l	95.5	85.0-115	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		
Toluene-D8	213234-1	50 ug/l	99.6	85.0-120	V9204	02Jun17 1733 by 271	06Jun17 2206 by 271		



Arkansas Testing Laboratories  
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**LABORATORY BLANK RESULTS**

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
<b>Base/Neutral and Acid Compounds</b>							
Acenaphthene	< 0.91 ug/l	0.91	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Acenaphthylene	< 1.6 ug/l	1.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Anthracene	< 1.6 ug/l	1.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Benzidine	< 7.7 ug/l	7.7	25	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Benzo(a)anthracene	< 0.87 ug/l	0.87	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Benzo(a)pyrene	< 1.3 ug/l	1.3	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Benzo(g,h,i)perylene	< 2.1 ug/l	2.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Benzo(k)fluoranthene	< 0.98 ug/l	0.98	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
3,4-Benzofluoranthene	< 0.79 ug/l	0.79	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Bis(2-chloroethoxy)methane	< 1.4 ug/l	1.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Bis(2-chloroethyl)ether	< 0.77 ug/l	0.77	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Bis(2-ethylhexyl)phthalate	< 3.1 ug/l	3.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
4-Bromophenyl phenyl ether	< 0.63 ug/l	0.63	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Butylbenzyl phthalate	< 1.6 ug/l	1.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2-Chloronaphthalene	< 0.87 ug/l	0.87	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2-Chlorophenol	< 1.0 ug/l	1.0	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
4-Chlorophenyl phenyl ether	< 0.94 ug/l	0.94	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Chrysene	< 1.1 ug/l	1.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Di-n-butyl phthalate	< 1.4 ug/l	1.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Di-n-octyl phthalate	< 3.7 ug/l	3.7	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Dibenz(a,h)anthracene	< 0.93 ug/l	0.93	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
3,3'-Dichlorobenzidine	< 1.2 ug/l	1.2	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4-Dichlorophenol	< 2.3 ug/l	2.3	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Dimethyl phthalate	< 1.2 ug/l	1.2	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4-Dimethylphenol	< 2.1 ug/l	2.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
4,6-Dinitro-o-cresol	< 0.65 ug/l	0.65	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4-Dinitrophenol	< 3.0 ug/l	3.0	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4-Dinitrotoluene	< 2.4 ug/l	2.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,6-Dinitrotoluene	< 0.97 ug/l	0.97	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
1,2-Diphenylhydrazine	< 1.5 ug/l	1.5	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Fluoranthene	< 1.6 ug/l	1.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Fluorene	< 1.2 ug/l	1.2	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Hexachlorobenzene	< 0.66 ug/l	0.66	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Hexachlorobutadiene	< 1.1 ug/l	1.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Hexachlorocyclopentadiene	< 2.8 ug/l	2.8	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Hexachloroethane	< 0.71 ug/l	0.71	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Indeno(1,2,3-cd)pyrene	< 2.6 ug/l	2.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Isophorone	< 0.73 ug/l	0.73	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
n-Nitrosodi-n-propylamine	< 0.97 ug/l	0.97	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
n-Nitrosodimethylamine	< 0.96 ug/l	0.96	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
n-Nitrosodiphenylamine	< 1.1 ug/l	1.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	R
Naphthalene	< 1.1 ug/l	1.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Nitrobenzene	< 1.7 ug/l	1.7	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2-Nitrophenol	< 1.1 ug/l	1.1	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
4-Nitrophenol	< 2.4 ug/l	2.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
p-Chloro-m-cresol	< 2.7 ug/l	2.7	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Pentachlorophenol	< 0.63 ug/l	0.63	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	

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**LABORATORY BLANK RESULTS**

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
<b>Base/Neutral and Acid Compounds</b>							
Phenanthrene	< 1.4 ug/l	1.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Phenol	< 0.66 ug/l	0.66	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Pyrene	< 0.98 ug/l	0.98	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
1,2,4-Trichlorobenzene	< 1.6 ug/l	1.6	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4,6-Trichlorophenol	< 1.4 ug/l	1.4	5.0	B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
<b>Base/Neutral and Acid Compounds Surrogates:</b>							
2-Fluorobiphenyl (50.0-110%)	76.8 %			B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2-Fluorophenol (20.0-110%)	53.2 %			B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Nitrobenzene-D5 (40.0-110%)	80.2 %			B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
Terphenyl-D14 (50.0-135%)	104 %			B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
2,4,6-Tribromophenol (40.0-125%)	64.6 %			B10490-1	02Jun17 0936 by 323	02Jun17 2106 by 306	
<b>Volatile Organic Compounds</b>							
Acrolein	< 3.8 ug/l	3.8	25	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Acrylonitrile	< 4.8 ug/l	4.8	25	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Benzene	< 0.87 ug/l	0.87	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Bromoform	< 0.45 ug/l	0.45	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Carbon tetrachloride	< 1.1 ug/l	1.1	2.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Chlorobenzene	< 0.81 ug/l	0.81	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Chlorodibromomethane	< 0.58 ug/l	0.58	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Chloroethane	< 1.4 ug/l	1.4	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
2-Chloroethyl vinyl ether	< 4.4 ug/l	4.4	10	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Chloroform	< 0.67 ug/l	0.67	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,2-Dichlorobenzene	< 0.44 ug/l	0.44	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,3-Dichlorobenzene	< 0.32 ug/l	0.32	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,4-Dichlorobenzene	< 0.32 ug/l	0.32	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Dichlorobromomethane	< 0.64 ug/l	0.64	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,1-Dichloroethane	< 0.98 ug/l	0.98	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,2-Dichloroethane	< 0.85 ug/l	0.85	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,1-Dichloroethylene	< 2.5 ug/l	2.5	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
trans-1,2-Dichloroethylene	< 1.5 ug/l	1.5	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,2-Dichloropropane	< 1.5 ug/l	1.5	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
cis-1,3-Dichloropropylene	< 0.61 ug/l	0.61	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
trans-1,3-Dichloropropylene	< 0.72 ug/l	0.72	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Ethylbenzene	< 0.39 ug/l	0.39	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Methyl bromide(Bromomethane)	< 0.93 ug/l	0.93	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Methyl chloride(Chloromethane)	< 2.2 ug/l	2.2	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Methylene chloride	< 1.5 ug/l	1.5	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,1,1,2-Tetrachloroethane	< 1.5 ug/l	1.5	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Tetrachloroethylene	< 0.47 ug/l	0.47	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Toluene	< 0.89 ug/l	0.89	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,1,1-Trichloroethane	< 2.0 ug/l	2.0	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
1,1,2-Trichloroethane	< 1.6 ug/l	1.6	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Trichloroethylene	< 2.9 ug/l	2.9	5.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Vinyl chloride	< 1.3 ug/l	1.3	2.0	V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
<b>Volatile Organic Compounds Surrogates:</b>							
4-Bromofluorobenzene (75.0-120%)	97.0 %			V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Dibromofluoromethane (85.0-115%)	94.5 %			V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	
Toluene-D8 (85.0-120%)	101 %			V9204-1	02Jun17 1733 by 271	05Jun17 1433 by 271	

# Arkansas Testing Laboratories

3301 Langley Drive  
 Searcy, AR 72143  
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 ARIKATL@SBCGLOBAL.NET

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

## CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

213158

CLIENT: ARKANSAS TESTING LAB					PO # > 2513				PARAMETERS							
					REF # > 2513				PRESERVATIVES							
SAMPLE ID EFF INF CLAR POND BACKWASH	SAMPLE MATRIX W=H2O S=SLUDG D=SOIL C=WELL	SAMPLED BY: <i>BET</i>			DATE	TIME	Grab						NP-Feed	HCl		
<i>Sample #1</i>	<i>W</i>	<i>5-26-17</i>	<i>9:50am</i>			<i>X</i>							<i>Semi-vol</i>	<i>Volatiles</i>		
													<i>1-L-G</i>	<i>2-40-6</i>		
= number of bottles		Q, L, H = Quart, Liter, Half Gallon				P, G = Plastic, Glass										
Squashed by:		Date/Time				Received by:				Date/Time						
<i>[Signature]</i>		<i>5-30-17 4:00 pm</i>				<i>[Signature]</i>				<i>5-31-17 / 12:55</i>						

UPS 1-1/5.9°

# Arkansas Testing Laboratories

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 arkatl@sbcglobal.net

NPDES Wastewater Monitoring  
 Water and Wastewater Analysis  
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 Geotechnical Testing  
 Industrial and Construction Quality Control

## CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: <b>Intimidator</b>										PARAMETERS						
										# = no of bottles Q, L, H = Qt, Ltr, Half Gal P, G = Plastic, Glass						
										CALIBRATION			PRESERVATIVES			
										pH / DO # <b>62853</b>						
										pH			NP-Iced	HCl	NaOH	HNO3
SAMPLE TYPE	SAMPLE MATRIX	DATE	TIME	Grab / Comp							Semi-vol	Volatiles	Cyanide	Metals		
EFF	W	5-26-17	9:50am	Grab						9:50am			1-L-G	2-40-G	1-L-P	1-L-P

Comments:

COLLECT:

Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by: (Into the Lab) <i>BT Terry</i>	Date/Time 5-26-17 7:00pm