

From: [Jamie Belcourt \(adpce.ad\)](#)
To: "Jim Whitson"; wwsuper@batesvillearkansas.gov; [Josh Thomas](#); [Jake Reed](#); [Doug Smith](#)
Cc: [Stacie Wassell \(adpce.ad\)](#); [Richard Healey \(adpce.ad\)](#)
Subject: Intimidator - December 2022 Semiannual Pretreatment Report - ARP001028 (Batesville - AR0020702)
Date: Wednesday, January 18, 2023 4:00:07 PM
Attachments: [image003.png](#)

Hello,

Intimidator's December 2022 semiannual pretreatment report was received, reviewed, and deemed complete and compliant with the reporting requirements in 40 C.F.R. § 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 C.F.R. § 433.17.

Thank you,

Jamie Belcourt | State Pretreatment Coordinator
Division of Environmental Quality | Office of Water Quality
Policy and Administration

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0858 | e: jamie.belcourt@adeq.state.ar.us



ARKANSAS
ENERGY & ENVIRONMENT

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, LLC
1 Bad Boy Blvd
Batesville, AR 72501

B. FACILITY & LOCATION ADDRESS

Building 1 Paint

C. FACILITY CONTACT: Jim Whitson, P.E. **TELEPHONE NUMBER:** 501.351.5284 **e-mail:** jim.whitson@intimidatorutv.com

(2) REPORTING PERIOD--FISCAL YEAR From 2022 to 2023 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: JULY 2022 TO: DEC 2022

(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

- Pretreatment wash:
 - Stage 1: acid rinse
 - Stage 2: fresh water rinse
 - Stage 3: fresh water rinse
 - Stage 4: acid rinse
 - Stage 5: fresh water rinse
- Drying
- Powder coating
- Oven heating

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

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.

C. Number of Regular Employees at this Facility

300

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	5,000	10,000	
§403.6(e) Unregulated*			
§403.6(e) Dilute			
Cooling Water			
Sanitary	15,000	30,000	
Total Flow to POTW	20,000	40,000	*****

*"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

Stage 1 pretreatment wash step is collected and sent offsite

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	0.055	0.65	--
Max Measured	<.02	<.02	0.03	<.02	.02	<.02	.148	<0.01	
Ave Measured									

Sample Location Pit outside

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

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

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

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

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

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

Notary Public in and for _____
County, Arkansas

My commission expires _____.

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

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

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

(8) GENERAL COMMENTS

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

Nick Dew

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Nick Dew

SIGNATURE

Paint Supervisor

OFFICIAL TITLE

1.9.23

DATE SIGNED

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: December 9, 2022

Collection Time: 10:44 AM

Collected By: JC

Wastewater Analysis

Collection Place: Final Discharge Point

Parameter	Analysis Begin Date / Time		Analysis End Date / Time		Results	Unit	Analyst	% Spike	Rel %	Sample Type	Ref #
pH	12/09	10:44 AM	NA		6.21	S.U.	JC	NA	0.30	Grab	4
Cyanide	12/15	9:28 AM	12/15	3:43 PM	< 0.01	mg/l	AI376/AI352	102.0	5.94	Grab	5
Cadmium	12/12	10:27 AM	NA		< 0.02	mg/l	KLB	96.7	2.34	Grab	7
Chromium	12/12	10:27 AM	NA		< 0.02	mg/l	KLB	98.5	2.30	Grab	7
Copper	12/12	10:27 AM	NA		0.030	mg/l	KLB	98.6	0.60	Grab	7
Lead	12/12	10:27 AM	NA		< 0.02	mg/l	KLB	100.8	0.70	Grab	7
Nickel	12/12	10:27 AM	NA		0.020	mg/l	KLB	97.0	6.31	Grab	7
Zinc	12/12	10:27 AM	NA		0.055	mg/l	KLB	99.7	1.78	Grab	7
Silver	12/12	10:27 AM	NA		< 0.02	mg/l	KLB	97.6	0.99	Grab	7

Base/Neutral/Acid Compounds

Volatiles

AI REPORT #271391 ATTACHED

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:

4. SM 4500-HB-2011
5. SM 4500-CN-E-2011
7. SM 3120B-2011



Neville Adams, Manager

Arkansas Testing Laboratories

3301 Langley Ave · Searcy, AR 72143
 (501) 268-6431 f(501) 268-9314
 arkatl@sbcglobal.net

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: **Intimidator**

SAMPLE TYPE	SAMPLE MATRIX W=H2O S=SLUDGE D=SOIL C=WELL	SAMPLED BY: <i>JC</i>					PARAMETERS # = no of bottles Q, L, H = Qtz, Ltr, Half Gal P, G = Plastic, Glass								
		DATE	TIME	Grab / Comp	CALIBRATION pH / DO #				PRESERVATIVES						
					pH				NP-Iced	HCl	NaOH	HNO3			
										Semi-vol	Volatiles	Cyanide	Metals		
EFF	W	12-9-22	10:44	Grab						6.21		1-L-G	2-40-G	1-L-P	1-L-P

Comments:

COLLECT:

Relinquished by:	Date/Time	REC'D INTO THE LAB 2.9 °C	Received by:	Date/Time
<i>JC</i>	12-9-22		(Into the Lab) <i>Y Bal</i>	12-9-22 12:02



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 received on December 13, 2022. 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.

A handwritten signature in black ink that reads 'Steve Bradford'. The signature is written in a cursive style and is positioned above a horizontal line.

Steve Bradford
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arktestlabs@gmail.com



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on December 13, 2022
2954
P.O. No. 2954

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>
271391-1	Intimidator	09-Dec-2022 1044	

Qualifiers:

- D Result is from a secondary dilution factor
- H Analytical holding time exceeded regulatory requirements
- J Result is less than the quantitation limit but greater than LOD
- Q Analyte is not within quality control limits
- R n-Nitrosodiphenylamine cannot be separated from diphenylamine

Case Narrative:

Matrix spike for batch B13055 was not performed on any sample associated with AIC Control No. 271391.

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. 271391-1

Sample Identification: Intimidator 09-Dec-2022 1044

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 2016	< 0.01 Analyzed: 15-Dec-2022 1543 by 352	0.01	mg/l Batch: W81713	
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Acenaphthylene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Anthracene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Benzidine EPA 625.1	< 50 Analyzed: 30-Dec-2022 1836 by 271	50	ug/l Batch: B13055	
Benzo(a)anthracene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Benzo(a)pyrene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Benzo(g,h,i)perylene EPA 625.1	< 10 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
Benzo(k)fluoranthene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
3,4-Benzofluoranthene EPA 625.1	< 10 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Bis(2-chloroethyl)ether EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
4-Bromophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Butylbenzyl phthalate EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2-Chloronaphthalene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2-Chlorophenol EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Chrysene EPA 625.1	< 5.0 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 271391-1 (Continued)

Sample Identification: Intimidator 09-Dec-2022 1044

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-butyl phthalate EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Di-n-octyl phthalate EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Dibenz(a,h)anthracene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
1,2-Dichlorobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
1,3-Dichlorobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
1,4-Dichlorobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2,4-Dichlorophenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Diethyl phthalate EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Dimethyl phthalate EPA 625.1	< 4.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	4.0	ug/l Batch: B13055	
2,4-Dimethylphenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
4,6-Dinitro-o-cresol EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
2,4-Dinitrophenol EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
2,4-Dinitrotoluene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2,6-Dinitrotoluene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
1,2-Diphenylhydrazine EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Fluoranthene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Fluorene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Hexachlorobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Hexachlorobutadiene EPA 625.1	< 2.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	2.0	ug/l Batch: B13055	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 271391-1 (Continued)

Sample Identification: Intimidator 09-Dec-2022 1044

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachlorocyclopentadiene EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
Hexachloroethane EPA 625.1	< 4.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	4.0	ug/l Batch: B13055	
Indeno(1,2,3-cd)pyrene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Isophorone EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
n-Nitrosodi-n-propylamine EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
n-Nitrosodimethylamine EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	
n-Nitrosodiphenylamine EPA 625.1	< 10 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	10	ug/l Batch: B13055	R
Naphthalene EPA 625.1	< 4.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	4.0	ug/l Batch: B13055	
Nitrobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2-Nitrophenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
4-Nitrophenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
p-Chloro-m-cresol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Pentachlorophenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Phenanthrene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Phenol EPA 625.1	< 4.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	4.0	ug/l Batch: B13055	
Pyrene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
1,2,4-Trichlorobenzene EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
2,4,6-Trichlorophenol EPA 625.1	< 5.0 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271	5.0	ug/l Batch: B13055	
Surrogate: 2-Fluorobiphenyl (39.1-104%) EPA 625.1	79.3 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271		% Batch: B13055	
Surrogate: 2-Fluorophenol (8.90-98.9%) EPA 625.1	62.5 Prep: 16-Dec-2022 0821 by 271 Analyzed: 30-Dec-2022 1836 by 271		% Batch: B13055	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 271391-1 (Continued)

Sample Identification: Intimidator 09-Dec-2022 1044

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Nitrobenzene-D5 (34.7-119%) EPA 625.1 Prep: 16-Dec-2022 0821 by 271	83.3 Analyzed: 30-Dec-2022 1836 by 271		% Batch: B13055	
Surrogate: Terphenyl-D14 (16.2-152%) EPA 625.1 Prep: 16-Dec-2022 0821 by 271	105 Analyzed: 30-Dec-2022 1836 by 271		% Batch: B13055	
Surrogate: 2,4,6-Tribromophenol (2.50-148%) EPA 625.1 Prep: 16-Dec-2022 0821 by 271	86.4 Analyzed: 30-Dec-2022 1836 by 271		% Batch: B13055	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20 Analyzed: 15-Dec-2022 1502 by 271	20	ug/l Batch: V10409	H
Acrylonitrile EPA 624.1	< 10 Analyzed: 15-Dec-2022 1502 by 271	10	ug/l Batch: V10409	
Benzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Bromoform EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Carbon tetrachloride EPA 624.1	< 2.0 Analyzed: 15-Dec-2022 1502 by 271	2.0	ug/l Batch: V10409	
Chlorobenzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Chlorodibromomethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Chloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
2-Chloroethyl vinyl ether EPA 624.1	< 10 Analyzed: 15-Dec-2022 1502 by 271	10	ug/l Batch: V10409	
Chloroform EPA 624.1	< 4.0 Analyzed: 15-Dec-2022 1502 by 271	4.0	ug/l Batch: V10409	
1,2-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,3-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,4-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Dichlorobromomethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,1-Dichloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,2-Dichloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 271391-1 (Continued)

Sample Identification: Intimidator 09-Dec-2022 1044

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
1,1-Dichloroethylene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 15-Dec-2022 1502 by 271	2.0	ug/l Batch: V10409	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,1,2,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Toluene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 15-Dec-2022 1502 by 271	5.0	ug/l Batch: V10409	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 15-Dec-2022 1502 by 271	2.0	ug/l Batch: V10409	
Surrogate: 4-Bromofluorobenzene (83.3-107%) EPA 624.1	90.3 Analyzed: 15-Dec-2022 1502 by 271		% Batch: V10409	
Surrogate: Dibromofluoromethane (89.9-114%) EPA 624.1	118 Analyzed: 15-Dec-2022 1502 by 271		% Batch: V10409	Q
Surrogate: Toluene-D8 (90.6-104%) EPA 624.1	92.9 Analyzed: 15-Dec-2022 1502 by 271		% Batch: V10409	

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
Total Cyanide	0.1 mg/l	102	79.2-108			W81713	15Dec22 0929 by 376	15Dec22 1541 by 352		
Base/Neutral and Acid Compounds										
Acenaphthene	20 ug/l	72.4	60.0-132			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	69.0	60.0-132	4.82	48.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Acenaphthylene	20 ug/l	70.5	54.0-126			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	66.4	54.0-126	5.97	74.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Anthracene	20 ug/l	80.0	43.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	77.9	43.0-120	2.71	66.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Benzdine	100 ug/l	0.00	1.00-38.0			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		Q
	100 ug/l	0.00	1.00-38.0	0.00	47.1	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		Q
Benzo(a)anthracene	20 ug/l	79.1	42.0-133			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	76.5	42.0-133	3.35	53.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Benzo(a)pyrene	20 ug/l	82.2	32.0-148			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	85.2	32.0-148	3.50	72.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Benzo(g,h,i)perylene	20 ug/l	97.2	1.00-195			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	84.8	1.00-195	13.6	97.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Benzo(k)fluoranthene	20 ug/l	85.4	25.0-146			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	76.9	25.0-146	10.5	63.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
3,4-Benzofluoranthene	20 ug/l	86.8	42.0-140			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	79.8	42.0-140	8.42	71.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Bis(2-chloroethoxy)methane	20 ug/l	72.8	49.0-165			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	69.0	49.0-165	5.46	54.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Bis(2-chloroethyl)ether	20 ug/l	76.2	43.0-126			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	73.2	43.0-126	3.97	108	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Bis(2-chloroisopropyl)ether	20 ug/l	79.4	63.0-139			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	74.8	63.0-139	5.96	76.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Bis(2-ethylhexyl)phthalate	20 ug/l	70.5	29.0-137			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	68.7	29.0-137	2.64	82.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
4-Bromophenyl phenyl ether	20 ug/l	82.8	65.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.7	65.0-120	5.02	43.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Butylbenzyl phthalate	20 ug/l	51.3	1.00-140			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	50.1	1.00-140	2.34	60.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2-Chloronaphthalene	20 ug/l	66.7	65.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	66.0	65.0-120	1.09	24.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2-Chlorophenol	20 ug/l	70.4	36.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	67.5	36.0-120	4.23	61.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
4-Chlorophenyl phenyl ether	20 ug/l	77.6	38.0-145			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	73.8	38.0-145	5.08	61.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Chrysene	20 ug/l	81.7	44.0-140			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.0	44.0-140	4.61	87.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Di-n-butyl phthalate	20 ug/l	67.9	8.00-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	66.5	8.00-120	2.06	47.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Di-n-octyl phthalate	20 ug/l	74.5	19.0-132			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	70.4	19.0-132	5.65	69.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Dibenz(a,h)anthracene	20 ug/l	93.0	1.00-200			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	73.7	1.00-200	23.1	126	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		

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
1,2-Dichlorobenzene	20 ug/l	67.4	52.4-101			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	64.7	52.4-101	4.10	21.1	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
1,3-Dichlorobenzene	20 ug/l	61.7	55.6-94.0			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	58.7	55.6-94.0	5.10	23.3	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
1,4-Dichlorobenzene	20 ug/l	64.8	52.2-96.8			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	61.2	52.2-96.8	5.62	21.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
3,3'-Dichlorobenzidine	20 ug/l	56.8	8.00-213			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	60.7	8.00-213	6.55	108	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4-Dichlorophenol	20 ug/l	73.1	53.0-122			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	68.7	53.0-122	6.13	50.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Diethyl phthalate	20 ug/l	61.3	1.00-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	58.7	1.00-120	4.20	100	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Dimethyl phthalate	20 ug/l	41.5	1.00-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	39.6	1.00-120	4.72	183	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4-Dimethylphenol	20 ug/l	51.7	42.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	52.8	42.0-120	2.10	58.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
4,6-Dinitro-o-cresol	20 ug/l	65.5	53.0-130			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	53.9	53.0-130	19.4	203	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4-Dinitrophenol	20 ug/l	45.4	1.00-173			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	31.1	1.00-173	37.4	132	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4-Dinitrotoluene	20 ug/l	74.3	48.0-127			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	71.3	48.0-127	4.07	42.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,6-Dinitrotoluene	20 ug/l	72.2	68.0-137			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	69.5	68.0-137	3.80	48.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
1,2-Diphenylhydrazine	20 ug/l	81.2	51.8-114			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	79.3	51.8-114	2.47	24.9	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Fluoranthene	20 ug/l	82.1	43.0-121			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.4	43.0-121	4.69	66.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Fluorene	20 ug/l	75.4	70.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	72.3	70.0-120	4.17	38.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Hexachlorobenzene	20 ug/l	81.9	8.00-142			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	79.3	8.00-142	3.19	55.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Hexachlorobutadiene	20 ug/l	61.7	38.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	61.7	38.0-120	0.0310	62.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Hexachlorocyclopentadiene	20 ug/l	60.7	42.4-112			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	57.7	42.4-112	4.99	30.2	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Hexachloroethane	20 ug/l	63.7	55.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	61.0	55.0-120	4.21	52.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Indeno(1,2,3-cd)pyrene	20 ug/l	93.5	1.00-151			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.5	1.00-151	17.4	99.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Isophorone	20 ug/l	78.0	47.0-180			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	74.5	47.0-180	4.69	93.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
n-Nitrosodi-n-propylamine	20 ug/l	82.2	14.0-198			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.3	14.0-198	4.81	87.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
n-Nitrosodimethylamine	20 ug/l	52.8	31.2-66.8			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	39.5	31.2-66.8	29.0	24.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		Q
n-Nitrosodiphenylamine	20 ug/l	78.6	49.1-111			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	77.2	49.1-111	1.81	59.1	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		

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
Base/Neutral and Acid Compounds (Continued)										
Naphthalene	20 ug/l	68.9	36.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	65.3	36.0-120	5.31	65.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Nitrobenzene	20 ug/l	76.9	54.0-158			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	73.7	54.0-158	4.28	62.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2-Nitrophenol	20 ug/l	70.3	45.0-167			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	66.5	45.0-167	5.44	55.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
4-Nitrophenol	20 ug/l	56.9	13.0-129			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	56.3	13.0-129	1.11	131	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
p-Chloro-m-cresol	20 ug/l	75.1	41.0-128			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	71.7	41.0-128	4.67	73.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Pentachlorophenol	20 ug/l	52.9	38.0-152			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	39.2	38.0-152	29.8	86.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Phenanthrene	20 ug/l	82.1	65.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	78.2	65.0-120	4.87	39.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Phenol	20 ug/l	59.9	17.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	55.9	17.0-120	6.80	64.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Pyrene	20 ug/l	76.1	70.0-120			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	73.9	70.0-120	2.95	49.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
1,2,4-Trichlorobenzene	20 ug/l	67.4	57.0-130			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	64.5	57.0-130	4.37	50.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4,6-Trichlorophenol	20 ug/l	74.8	52.0-129			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	72.5	52.0-129	3.15	58.0	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	20 ug/l	73.7	48.5-108			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	69.8	48.5-108	-	-	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2-Fluorophenol	20 ug/l	65.4	32.7-96.3			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	62.3	32.7-96.3	-	-	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Nitrobenzene-D5	20 ug/l	80.3	54.1-111			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	76.4	54.1-111	-	-	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Terphenyl-D14	20 ug/l	78.9	45.7-121			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	76.3	45.7-121	-	-	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
2,4,6-Tribromophenol	20 ug/l	88.2	34.6-125			B13055	16Dec22 0822 by 271	21Dec22 2116 by 271		
	20 ug/l	81.6	34.6-125	-	-	B13055	16Dec22 0822 by 271	21Dec22 2155 by 271		
Volatile Organic Compounds										
Acrolein	250 ug/l	109	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Acrylonitrile	250 ug/l	105	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Benzene	50 ug/l	102	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Bromodichloromethane	50 ug/l	101	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Bromoform	50 ug/l	97.9	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Bromomethane	50 ug/l	115	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Carbon tetrachloride	50 ug/l	103	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Chlorobenzene	50 ug/l	102	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Chloroethane	50 ug/l	100	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
2-Chloroethyl vinyl ether	100 ug/l	97.4	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		

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	50 ug/l	97.3	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Chloromethane	50 ug/l	101	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Dibromochloromethane	50 ug/l	89.9	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,2-Dichlorobenzene	50 ug/l	105	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,3-Dichlorobenzene	50 ug/l	105	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,4-Dichlorobenzene	50 ug/l	103	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,1-Dichloroethane	50 ug/l	104	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,2-Dichloroethane	50 ug/l	100	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,1-Dichloroethene	50 ug/l	98.2	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
trans-1,2-Dichloroethene	50 ug/l	99.5	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,2-Dichloropropane	50 ug/l	105	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
cis-1,3-Dichloropropene	50 ug/l	111	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
trans-1,3-Dichloropropene	50 ug/l	118	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Ethylbenzene	50 ug/l	106	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Methylene chloride	50 ug/l	94.0	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,1,2,2-Tetrachloroethane	50 ug/l	99.4	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Tetrachloroethene	50 ug/l	104	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Toluene	50 ug/l	103	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,1,1-Trichloroethane	50 ug/l	103	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
1,1,2-Trichloroethane	50 ug/l	104	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Trichloroethene	50 ug/l	104	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Vinyl chloride	50 ug/l	107	70.0-130			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	10 ug/l	103	85.9-112			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Dibromofluoromethane	10 ug/l	97.2	30.5-162			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		
Toluene-D8	10 ug/l	101	87.2-112			V10409	14Dec22 1327 by 271	14Dec22 1327 by 271		

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	271391-1	0.1 mg/l	81.7	57.1-117	W81713	15Dec22 0929 by 376	15Dec22 1544 by 352		
	271391-1	0.1 mg/l	86.7	57.1-117	W81713	15Dec22 0929 by 376	15Dec22 1546 by 352		
	Relative Percent Difference:		5.94	10.8	W81713				
Base/Neutral and Acid Compounds									
Acenaphthene	271413-1	20 ug/l	75.4	47.0-145	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	74.2	47.0-145	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.58	48.0	B13055				
Acenaphthylene	271413-1	20 ug/l	72.0	33.0-145	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	70.7	33.0-145	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.81	74.0	B13055				
Anthracene	271413-1	20 ug/l	80.1	27.0-133	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	81.2	27.0-133	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.44	66.0	B13055				
Benzidine	271413-1	100 ug/l	0.00	1.00-50.6	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		Q
	271413-1	100 ug/l	0.00	1.00-50.6	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		Q
	Relative Percent Difference:		0.00	47.1	B13055				
Benzo(a)anthracene	271413-1	20 ug/l	77.0	33.0-143	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	78.8	33.0-143	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.28	53.0	B13055				
Benzo(a)pyrene	271413-1	20 ug/l	86.6	17.0-163	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	91.0	17.0-163	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		5.01	72.0	B13055				
Benzo(g,h,i)perylene	271413-1	20 ug/l	112	1.00-219	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	111	1.00-219	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.667	97.0	B13055				
Benzo(k)fluoranthene	271413-1	20 ug/l	88.1	11.0-162	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	90.4	11.0-162	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.50	63.0	B13055				
3,4-Benzofluoranthene	271413-1	20 ug/l	83.6	24.0-159	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	88.1	24.0-159	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		5.24	71.0	B13055				
Bis(2-chloroethoxy)methane	271413-1	20 ug/l	75.9	33.0-184	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	72.8	33.0-184	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		4.26	54.0	B13055				
Bis(2-chloroethyl)ether	271413-1	20 ug/l	77.2	12.0-158	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.9	12.0-158	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.62	108	B13055				
Bis(2-chloroisopropyl)ether	271413-1	20 ug/l	80.4	36.0-166	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	77.8	36.0-166	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		3.29	76.0	B13055				
Bis(2-ethylhexyl)phthalate	271413-1	20 ug/l	64.8	8.00-158	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	64.4	8.00-158	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.612	82.0	B13055				
4-Bromophenyl phenyl ether	271413-1	20 ug/l	85.6	53.0-127	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	88.0	53.0-127	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.68	43.0	B13055				
Butylbenzyl phthalate	271413-1	20 ug/l	57.8	1.00-152	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	56.2	1.00-152	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.83	60.0	B13055				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Chloronaphthalene	271413-1	20 ug/l	72.9	60.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	71.2	60.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.32	24.0	B13055				
2-Chlorophenol	271413-1	20 ug/l	69.2	23.0-134	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	70.1	23.0-134	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.30	61.0	B13055				
4-Chlorophenyl phenyl ether	271413-1	20 ug/l	79.8	25.0-158	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	78.4	25.0-158	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.85	61.0	B13055				
Chrysene	271413-1	20 ug/l	82.6	17.0-168	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	82.7	17.0-168	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.141	87.0	B13055				
Di-n-butyl phthalate	271413-1	20 ug/l	74.3	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	72.7	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.26	47.0	B13055				
Di-n-octyl phthalate	271413-1	20 ug/l	68.0	4.00-146	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	68.0	4.00-146	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.0904	69.0	B13055				
Dibenz(a,h)anthracene	271413-1	20 ug/l	103	1.00-227	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	108	1.00-227	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		4.47	126	B13055				
1,2-Dichlorobenzene	271413-1	20 ug/l	69.0	57.2-90.0	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	67.1	57.2-90.0	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.82	21.1	B13055				
1,3-Dichlorobenzene	271413-1	20 ug/l	62.9	54.7-87.1	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	61.4	54.7-87.1	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.45	23.3	B13055				
1,4-Dichlorobenzene	271413-1	20 ug/l	66.5	57.1-86.1	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	66.1	57.1-86.1	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.604	21.0	B13055				
3,3'-Dichlorobenzidine	271413-1	20 ug/l	12.9	1.00-262	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	16.5	1.00-262	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		24.2	108	B13055				
2,4-Dichlorophenol	271413-1	20 ug/l	76.2	39.0-135	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.7	39.0-135	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.648	50.0	B13055				
Diethyl phthalate	271413-1	20 ug/l	66.5	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	62.2	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		6.74	100	B13055				
Dimethyl phthalate	271413-1	20 ug/l	49.9	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	44.7	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		10.9	183	B13055				
2,4-Dimethylphenol	271413-1	20 ug/l	33.8	32.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	56.7	32.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		50.6	58.0	B13055				
4,6-Dinitro-o-cresol	271413-1	20 ug/l	92.0	1.00-181	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	92.6	1.00-181	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.648	203	B13055				
2,4-Dinitrophenol	271413-1	20 ug/l	85.7	1.00-191	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	84.2	1.00-191	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.81	132	B13055				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
2,4-Dinitrotoluene	271413-1	20 ug/l	77.1	39.0-139	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	74.9	39.0-139	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.83	42.0	B13055				
2,6-Dinitrotoluene	271413-1	20 ug/l	77.8	50.0-158	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.9	50.0-158	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.41	48.0	B13055				
1,2-Diphenylhydrazine	271413-1	20 ug/l	93.0	31.7-136	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	92.0	31.7-136	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.07	24.9	B13055				
Fluoranthene	271413-1	20 ug/l	83.5	26.0-137	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	83.8	26.0-137	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.383	66.0	B13055				
Fluorene	271413-1	20 ug/l	77.1	59.0-121	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	77.1	59.0-121	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.111	38.0	B13055				
Hexachlorobenzene	271413-1	20 ug/l	85.5	1.00-152	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	84.5	1.00-152	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.15	55.0	B13055				
Hexachlorobutadiene	271413-1	20 ug/l	64.0	24.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	61.4	24.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		4.20	62.0	B13055				
Hexachlorocyclopentadiene	271413-1	20 ug/l	55.1	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	51.6	1.00-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		6.58	30.2	B13055				
Hexachloroethane	271413-1	20 ug/l	64.2	40.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	63.3	40.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.42	52.0	B13055				
Indeno(1,2,3-cd)pyrene	271413-1	20 ug/l	106	1.00-171	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	114	1.00-171	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		7.26	99.0	B13055				
Isophorone	271413-1	20 ug/l	80.5	21.0-196	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	78.0	21.0-196	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		3.09	93.0	B13055				
n-Nitrosodi-n-propylamine	271413-1	20 ug/l	84.2	1.00-230	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	80.7	1.00-230	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		4.20	87.0	B13055				
n-Nitrosodimethylamine	271413-1	20 ug/l	50.0	34.0-57.8	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	57.1	34.0-57.8	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		13.2	24.0	B13055				
n-Nitrosodiphenylamine	271413-1	20 ug/l	86.7	29.4-125	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	88.8	29.4-125	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.38	59.1	B13055				
Naphthalene	271413-1	20 ug/l	70.7	21.0-133	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	68.8	21.0-133	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		2.80	65.0	B13055				
Nitrobenzene	271413-1	20 ug/l	81.2	35.0-180	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.8	35.0-180	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		6.97	62.0	B13055				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Nitrophenol	271413-1	20 ug/l	72.9	29.0-182	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	72.5	29.0-182	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.615	55.0	B13055				
4-Nitrophenol	271413-1	20 ug/l	74.9	1.00-132	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.5	1.00-132	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.834	131	B13055				
p-Chloro-m-cresol	271413-1	20 ug/l	76.1	22.0-147	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	74.8	22.0-147	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.71	73.0	B13055				
Pentachlorophenol	271413-1	20 ug/l	85.5	14.0-176	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	90.2	14.0-176	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		5.38	86.0	B13055				
Phenanthrene	271413-1	20 ug/l	84.0	54.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	84.5	54.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.596	39.0	B13055				
Phenol	271413-1	20 ug/l	58.4	5.00-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	57.9	5.00-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		0.732	64.0	B13055				
Pyrene	271413-1	20 ug/l	73.0	52.0-120	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	75.4	52.0-120	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		3.25	49.0	B13055				
1,2,4-Trichlorobenzene	271413-1	20 ug/l	67.6	44.0-142	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	65.3	44.0-142	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		3.38	50.0	B13055				
2,4,6-Trichlorophenol	271413-1	20 ug/l	83.1	37.0-144	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	81.7	37.0-144	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
	Relative Percent Difference:		1.70	58.0	B13055				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	271413-1	20 ug/l	78.9	39.1-104	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	76.0	39.1-104	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
2-Fluorophenol	271413-1	20 ug/l	64.5	8.90-98.9	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	60.6	8.90-98.9	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
Nitrobenzene-D5	271413-1	20 ug/l	81.7	34.7-119	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	79.9	34.7-119	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
Terphenyl-D14	271413-1	20 ug/l	76.1	16.2-152	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	79.2	16.2-152	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
2,4,6-Tribromophenol	271413-1	20 ug/l	94.4	2.50-148	B13055	16Dec22 0822 by 271	21Dec22 2234 by 271		
	271413-1	20 ug/l	97.6	2.50-148	B13055	16Dec22 0822 by 271	21Dec22 2313 by 271		
Volatile Organic Compounds									
Acrolein	271399-1	250 ug/l	107	40.0-160	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	250 ug/l	107	40.0-160	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.591	60.0	V10409				
Acrylonitrile	271399-1	250 ug/l	100	40.0-160	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	250 ug/l	102	40.0-160	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.64	60.0	V10409				
Benzene	271399-1	50 ug/l	98.1	37.0-151	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.3	37.0-151	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.83	61.0	V10409				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Bromodichloromethane	271399-1	50 ug/l	96.5	35.0-155	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	95.3	35.0-155	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.25	56.0	V10409				
Bromoform	271399-1	50 ug/l	94.4	45.0-169	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	94.6	45.0-169	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.207	42.0	V10409				
Bromomethane	271399-1	50 ug/l	92.5	1.00-242	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	87.0	1.00-242	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		6.05	61.0	V10409				
Carbon tetrachloride	271399-1	50 ug/l	98.4	70.0-140	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	93.8	70.0-140	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		4.79	41.0	V10409				
Chlorobenzene	271399-1	50 ug/l	97.1	37.0-160	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.5	37.0-160	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.605	53.0	V10409				
Chloroethane	271399-1	50 ug/l	93.9	14.0-230	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	90.4	14.0-230	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		3.71	78.0	V10409				
2-Chloroethyl vinyl ether	271399-1	100 ug/l	97.8	1.00-305	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	100 ug/l	98.8	1.00-305	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.977	71.0	V10409				
Chloroform	271399-1	50 ug/l	93.1	51.0-138	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	90.5	51.0-138	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.79	54.0	V10409				
Chloromethane	271399-1	50 ug/l	93.3	1.00-273	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	92.2	1.00-273	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.18	60.0	V10409				
Dibromochloromethane	271399-1	50 ug/l	87.9	53.0-149	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	86.1	53.0-149	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.10	50.0	V10409				
1,2-Dichlorobenzene	271399-1	50 ug/l	101	18.0-190	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	100	18.0-190	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.616	57.0	V10409				
1,3-Dichlorobenzene	271399-1	50 ug/l	99.9	59.0-156	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	99.7	59.0-156	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.169	43.0	V10409				
1,4-Dichlorobenzene	271399-1	50 ug/l	98.5	18.0-190	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	99.7	18.0-190	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.18	57.0	V10409				
1,1-Dichloroethane	271399-1	50 ug/l	95.5	59.0-155	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	94.0	59.0-155	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.55	40.0	V10409				
1,2-Dichloroethane	271399-1	50 ug/l	96.9	49.0-155	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.1	49.0-155	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.829	49.0	V10409				
1,1-Dichloroethene	271399-1	50 ug/l	92.6	1.00-234	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	93.5	1.00-234	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		0.931	32.0	V10409				
trans-1,2-Dichloroethene	271399-1	50 ug/l	97.2	54.0-156	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	93.7	54.0-156	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		3.61	45.0	V10409				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,2-Dichloropropane	271399-1	50 ug/l	101	1.00-210	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	98.1	1.00-210	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.47	55.0	V10409				
cis-1,3-Dichloropropene	271399-1	50 ug/l	104	1.00-227	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	103	1.00-227	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.50	58.0	V10409				
trans-1,3-Dichloropropene	271399-1	50 ug/l	111	17.0-183	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	110	17.0-183	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.07	86.0	V10409				
Ethylbenzene	271399-1	50 ug/l	102	37.0-162	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	99.2	37.0-162	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.49	63.0	V10409				
Methylene chloride	271399-1	50 ug/l	89.2	1.00-221	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	87.5	1.00-221	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.94	28.0	V10409				
1,1,2,2-Tetrachloroethane	271399-1	50 ug/l	95.3	46.0-157	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.5	46.0-157	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.28	61.0	V10409				
Tetrachloroethene	271399-1	50 ug/l	99.9	64.0-148	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.3	64.0-148	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		3.66	39.0	V10409				
Toluene	271399-1	50 ug/l	98.8	47.0-150	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	97.5	47.0-150	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.26	41.0	V10409				
1,1,1-Trichloroethane	271399-1	50 ug/l	98.6	52.0-162	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.4	52.0-162	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.21	36.0	V10409				
1,1,2-Trichloroethane	271399-1	50 ug/l	101	52.0-150	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	100	52.0-150	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		1.10	45.0	V10409				
Trichloroethene	271399-1	50 ug/l	100	70.0-157	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	97.3	70.0-157	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		2.93	48.0	V10409				
Vinyl chloride	271399-1	50 ug/l	100	1.00-251	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	50 ug/l	96.7	1.00-251	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
	Relative Percent Difference:		3.66	66.0	V10409				
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	271399-1	10 ug/l	104	83.3-107	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	10 ug/l	104	83.3-107	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
Dibromofluoromethane	271399-1	10 ug/l	97.7	89.9-114	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	10 ug/l	96.6	89.9-114	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D
Toluene-D8	271399-1	10 ug/l	101	90.6-104	V10409	14Dec22 1554 by 271	14Dec22 1554 by 271	100	D
	271399-1	10 ug/l	99.7	90.6-104	V10409	14Dec22 1624 by 271	14Dec22 1624 by 271	100	D

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.0076 mg/l	0.0076	0.01	W81713-1	15Dec22 0929 by 376	15Dec22 1539 by 352	
Base/Neutral and Acid Compounds							
Acenaphthene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Acenaphthylene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Anthracene	< 2.7 ug/l	2.7	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Benzidine	< 49 ug/l	49	50	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Benzo(a)anthracene	< 2.6 ug/l	2.6	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Benzo(a)pyrene	< 2.6 ug/l	2.6	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Benzo(g,h,i)perylene	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Benzo(k)fluoranthene	< 3.1 ug/l	3.1	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
3,4-Benzofluoranthene	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Bis(2-chloroethoxy)methane	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Bis(2-chloroethyl)ether	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Bis(2-ethylhexyl)phthalate	< 3.2 ug/l	3.2	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
4-Bromophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Butylbenzyl phthalate	< 3.1 ug/l	3.1	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2-Chloronaphthalene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2-Chlorophenol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
4-Chlorophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Chrysene	< 2.8 ug/l	2.8	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Di-n-butyl phthalate	< 2.7 ug/l	2.7	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Di-n-octyl phthalate	< 3.8 ug/l	3.8	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Dibenz(a,h)anthracene	< 4.0 ug/l	4.0	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4-Dichlorophenol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Dimethyl phthalate	< 2.0 ug/l	2.0	4.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4-Dimethylphenol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
4,6-Dinitro-o-cresol	< 5.6 ug/l	5.6	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4-Dinitrophenol	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,6-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
1,2-Diphenylhydrazine	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Fluoranthene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Fluorene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Hexachlorobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Hexachlorobutadiene	< 1.7 ug/l	1.7	2.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Hexachlorocyclopentadiene	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Hexachloroethane	< 2.0 ug/l	2.0	4.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Indeno(1,2,3-cd)pyrene	< 4.1 ug/l	4.1	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Isophorone	4.0 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	J
n-Nitrosodi-n-propylamine	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
n-Nitrosodimethylamine	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
n-Nitrosodiphenylamine	< 5.0 ug/l	5.0	10	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	R
Naphthalene	< 2.0 ug/l	2.0	4.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Nitrobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
2-Nitrophenol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
4-Nitrophenol	< 3.7 ug/l	3.7	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
p-Chloro-m-cresol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Pentachlorophenol	< 3.7 ug/l	3.7	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Phenanthrene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Phenol	< 2.0 ug/l	2.0	4.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Pyrene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
1,2,4-Trichlorobenzene	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4,6-Trichlorophenol	< 2.5 ug/l	2.5	5.0	B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (48.5-108%)	73.2 %			B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2-Fluorophenol (32.7-96.3%)	62.3 %			B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Nitrobenzene-D5 (54.1-111%)	78.3 %			B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Terphenyl-D14 (45.7-121%)	72.7 %			B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
2,4,6-Tribromophenol (34.6-125%)	74.1 %			B13055-1	16Dec22 0822 by 271	21Dec22 2037 by 271	
Volatile Organic Compounds							
Acrolein	< 20 ug/l	20	20	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Acrylonitrile	< 5.6 ug/l	5.6	10	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Benzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Bromoform	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Carbon tetrachloride	< 1.8 ug/l	1.8	2.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Chlorobenzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Chlorodibromomethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Chloroethane	< 2.9 ug/l	2.9	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
2-Chloroethyl vinyl ether	< 5.0 ug/l	5.0	10	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Chloroform	< 2.1 ug/l	2.1	4.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Dichlorobromomethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,1-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,2-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,1-Dichloroethylene	< 2.6 ug/l	2.6	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
trans-1,2-Dichloroethylene	< 1.5 ug/l	1.5	2.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,2-Dichloropropane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
cis-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
trans-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Ethylbenzene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Methyl bromide(Bromomethane)	< 2.8 ug/l	2.8	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Methyl chloride(Chloromethane)	< 2.7 ug/l	2.7	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Methylene chloride	< 4.7 ug/l	4.7	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,1,2,2-Tetrachloroethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Tetrachloroethylene	< 2.6 ug/l	2.6	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Toluene	< 3.2 ug/l	3.2	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,1,1-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
1,1,2-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Trichloroethylene	< 2.5 ug/l	2.5	5.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Vinyl chloride	< 1.6 ug/l	1.6	2.0	V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

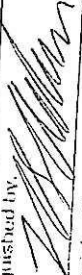

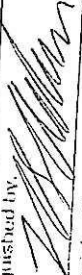
<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>LOQ</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (85.9-112%)	98.3 %			V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Dibromofluoromethane (30.5-162%)	95.7 %			V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	
Toluene-D8 (87.2-112%)	98.8 %			V10409-1	14Dec22 1455 by 271	14Dec22 1455 by 271	

Arkansas Testing Laboratories

3301 Langley Drive
 Searcy, AR 72143
 Off 501-268-6431
 Fax 501-268-9314
 ARKATL@SBCGLOBAL.NET

*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			PO # <u>27/391</u>			REF # <u>2954</u>		
SAMPLE ID EFF INF CLAR POND BACKWASH	SAMPLE MATRIX W=H2O S=SLUDG D=SOIL C=WELL	SAMPLED BY: <i>J. Cope land</i>	DATE	TIME	Grab X	PARAMETERS		
			12-9-22	1044		NaOH	HCl	Feed
Intimidator	W				CN	Volatiles	Semi Vol	
					1-L-P	2-40-G	1-L-G	
						3/e		
# = number of bottles			Q, L, H = Quart, Liter, Half Gallon			P, G = Plastic, Glass		
Retrieved by: 			Date/Time: <u>12-13-22 10:24A</u>			Received by: 		
Retrieved by: 			Date/Time: <u>12-13-22 10:24A</u>			Received by: 