

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, Inc.
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 2020 to 2020 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: JULY 2021 TO: DECEMBER 2021

(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	1.48	0.65	--
Max Measured	<.02	<.02	<.02	<.02	.059	<.02	.192	<.02	
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

1.05.22

DATE SIGNED

Arkansas Testing Laboratories

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

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

INTIMIDATOR

Collection Date: December 17, 2021
Collection Time: 11:59 AM
Collected By: MRRM

Collection Place: Final Discharge Point
Wastewater Analysis

pH Collected: 12/21/2021 @ 2:10 PM MRRM

Parameter	Analysis Begin Date / Time	Analysis End Date / Time	Results	Unit	Loading lb/dy	Analyst	% Spike	Rel %	Sample Type	Ref #
pH	12/21 2:10 PM	NA	6.70	S.U.	NA	MRRM	NA	0.15	Grab	4
Cyanide	12/29 2:45 PM	12/29 4:51 PM	< 0.01	mg/l	NA	KLB	97.2	3.55	Grab	5
Cadmium	01/03 2:08 PM	NA	< 0.02	mg/l	NA	KLB	98.0	7.00	Grab	7
Chromium	01/03 2:08 PM	NA	< 0.02	mg/l	NA	KLB	99.5	1.27	Grab	7
Copper	01/03 2:08 PM	NA	< 0.02	mg/l	NA	KLB	98.7	0.00	Grab	7
Lead	01/03 2:08 PM	NA	< 0.02	mg/l	NA	KLB	97.4	1.55	Grab	7
Nickel	01/03 2:08 PM	NA	0.059	mg/l	NA	KLB	96.1	1.31	Grab	7
Zinc	01/03 2:08 PM	NA	0.192	mg/l	NA	KLB	96	0.35	Grab	7
Silver	01/03 2:08 PM	NA	< 0.02	mg/l	NA	KLB	98.0	1.13	Grab	7
Base/Neutral/Acid Compounds Volatiles AI REPORT # 261510 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 Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 261510-1

Sample Identification: Intimidator 17-Dec-2021 1159

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 2011	< 0.01	0.01	mg/l	
Prep: 29-Dec-2021 1445 by 347	Analyzed: 29-Dec-2021 1651 by 347		Batch: W78144	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20	20	ug/l	H
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Acrylonitrile EPA 624.1	< 10	10	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Benzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Bromoform EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Carbon tetrachloride EPA 624.1	< 2.0	2.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Chlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Chlorodibromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Chloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
2-Chloroethyl vinyl ether EPA 624.1	< 10	10	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Chloroform EPA 624.1	< 4.0	4.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,2-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,3-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,4-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
Dichlorobromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,1-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,2-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,1-Dichloroethylene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
trans-1,2-Dichloroethylene EPA 624.1	< 2.0	2.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	
1,2-Dichloropropane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 24-Dec-2021 0606 by 354		Batch: V10230	

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ANALYTICAL RESULTS

AIC No. 261510-1 (Continued)

Sample Identification: Intimidator 17-Dec-2021 1159

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	B
1,1,2,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Toluene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 24-Dec-2021 0606 by 354	5.0	ug/l Batch: V10230	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 24-Dec-2021 0606 by 354	2.0	ug/l Batch: V10230	
Surrogate: 4-Bromofluorobenzene (69.4-128%) EPA 624.1	98.1 Analyzed: 24-Dec-2021 0606 by 354		% Batch: V10230	
Surrogate: Dibromofluoromethane (73.7-130%) EPA 624.1	99.5 Analyzed: 24-Dec-2021 0606 by 354		% Batch: V10230	
Surrogate: Toluene-D8 (62.4-133%) EPA 624.1	99.7 Analyzed: 24-Dec-2021 0606 by 354		% Batch: V10230	

AIC No. 261510-2

Sample Identification: Intimidator 21-Dec-2021 1410

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0 Analyzed: 29-Dec-2021 0328 by 271	5.0	ug/l Batch: B12654	
	Prep: 27-Dec-2021 1352 by 348			

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ANALYTICAL RESULTS

AIC No. 261510-2 (Continued)

Sample Identification: Intimidator 21-Dec-2021 1410

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Acenaphthylene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Benzidine EPA 625.1	< 50	50	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Benzo(a)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Benzo(a)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Benzo(g,h,i)perylene EPA 625.1	< 10	10	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Benzo(k)fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
3,4-Benzofluoranthene EPA 625.1	< 10	10	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Bis(2-chloroethyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
4-Bromophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Butylbenzyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
2-Chloronaphthalene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
2-Chlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Chrysene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	

Arkansas Testing Laboratories
 3301 Langley Drive
 Searcy, AR 72143

ANALYTICAL RESULTS
AIC No. 261510-2 (Continued)
Sample Identification: Intimidator 21-Dec-2021 1410

Analyte		Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)					
Dibenz(a,h)anthracene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
1,2-Dichlorobenzene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
1,3-Dichlorobenzene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
1,4-Dichlorobenzene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
3,3'-Dichlorobenzidine EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
2,4-Dichlorophenol EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Diethyl phthalate EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Dimethyl phthalate EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 4.0	4.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
2,4-Dimethylphenol EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
4,6-Dinitro-o-cresol EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 10	10	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
2,4-Dinitrophenol EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 10	10	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
2,4-Dinitrotoluene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
2,6-Dinitrotoluene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
1,2-Diphenylhydrazine EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Fluoranthene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Fluorene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Hexachlorobenzene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 5.0	5.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Hexachlorobutadiene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 2.0	2.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Hexachlorocyclopentadiene EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 10	10	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				
Hexachloroethane EPA 625.1	Prep: 27-Dec-2021 1352 by 348	< 4.0	4.0	ug/l	Batch: B12654
	Analyzed: 29-Dec-2021 0328 by 271				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 261510-2 (Continued)

Sample Identification: Intimidator 21-Dec-2021 1410

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Indeno(1,2,3-cd)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Isophorone EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
n-Nitrosodi-n-propylamine EPA 625.1	< 10	10	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
n-Nitrosodimethylamine EPA 625.1	< 10	10	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
n-Nitrosodiphenylamine EPA 625.1	< 10	10	ug/l	R
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Naphthalene EPA 625.1	< 4.0	4.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Nitrobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
2-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
4-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
p-Chloro-m-cresol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Pentachlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Phenanthrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Phenol EPA 625.1	< 4.0	4.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
1,2,4-Trichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
2,4,6-Trichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Surrogate: 2-Fluorobiphenyl (23.4-114%) EPA 625.1	81.2		%	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Surrogate: 2-Fluorophenol (0.700-99.7%) EPA 625.1	46.1		%	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Surrogate: Nitrobenzene-D5 (20.6-121%) EPA 625.1	78.2		%	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	
Surrogate: Terphenyl-D14 (21.3-140%) EPA 625.1	91.0		%	
Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271		Batch: B12654	



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 261510-2 (Continued)

Sample Identification: Intimidator 21-Dec-2021 1410

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: 2,4,6-Tribromophenol (1.00-135%)	86.1		%	
EPA 625.1	Prep: 27-Dec-2021 1352 by 348	Analyzed: 29-Dec-2021 0328 by 271	Batch: B12654	

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	97.2	73.1-110			W78144	29Dec21 1445 by 347	29Dec21 1641 by 347		
Base/Neutral and Acid Compounds										
Acenaphthene	20 ug/l	69.5	60.0-132			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	78.8	60.0-132	12.6	48.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Acenaphthylene	20 ug/l	72.1	54.0-126			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.4	54.0-126	10.9	74.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Anthracene	20 ug/l	79.6	43.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.1	43.0-120	1.88	66.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Benzidine	100 ug/l	0.0921	1.00-36.6			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		Q
	100 ug/l	0.196	1.00-36.6	72.3	88.6	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		Q
Benzo(a)anthracene	20 ug/l	81.8	42.0-133			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	84.7	42.0-133	3.48	53.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Benzo(a)pyrene	20 ug/l	75.6	32.0-148			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.4	32.0-148	4.86	72.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Benzo(g,h,i)perylene	20 ug/l	82.0	1.00-195			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	87.1	1.00-195	6.06	97.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Benzo(k)fluoranthene	20 ug/l	75.6	25.0-146			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.0	25.0-146	8.12	63.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
3,4-Benzofluoranthene	20 ug/l	80.3	42.0-140			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.6	42.0-140	1.65	71.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Bis(2-chloroethoxy)methane	20 ug/l	64.7	49.0-165			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	78.1	49.0-165	18.8	54.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Bis(2-chloroethyl)ether	20 ug/l	67.1	43.0-126			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.5	43.0-126	16.9	108	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Bis(2-chloroisopropyl)ether	20 ug/l	65.6	63.0-139			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.2	63.0-139	18.8	76.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Bis(2-ethylhexyl)phthalate	20 ug/l	77.1	29.0-137			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.4	29.0-137	6.64	82.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
4-Bromophenyl phenyl ether	20 ug/l	80.8	65.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	84.3	65.0-120	4.14	43.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Butylbenzyl phthalate	20 ug/l	63.8	1.00-140			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	65.4	1.00-140	2.47	60.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2-Chloronaphthalene	20 ug/l	70.2	65.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.9	65.0-120	12.8	24.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2-Chlorophenol	20 ug/l	67.2	36.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.8	36.0-120	17.2	61.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
4-Chlorophenyl phenyl ether	20 ug/l	77.7	38.0-145			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.3	38.0-145	4.57	61.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Chrysene	20 ug/l	80.8	44.0-140			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	83.0	44.0-140	2.63	87.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Di-n-butyl phthalate	20 ug/l	79.2	8.00-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.1	8.00-120	1.11	47.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Di-n-octyl phthalate	20 ug/l	78.5	19.0-132			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	87.4	19.0-132	10.8	69.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Dibenz(a,h)anthracene	20 ug/l	82.8	1.00-200			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	86.8	1.00-200	4.74	126	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		

Arkansas Testing Laboratories
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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
1,2-Dichlorobenzene	20 ug/l	70.8	60.1-94.7			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.7	60.1-94.7	15.6	18.8	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
1,3-Dichlorobenzene	20 ug/l	69.3	55.7-92.3			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.6	55.7-92.3	15.1	22.1	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
1,4-Dichlorobenzene	20 ug/l	70.7	59.1-91.7			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.0	59.1-91.7	12.3	22.3	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
3,3'-Dichlorobenzidine	20 ug/l	65.9	8.00-213			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	67.5	8.00-213	2.29	108	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4-Dichlorophenol	20 ug/l	71.2	53.0-122			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.5	53.0-122	14.7	50.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Diethyl phthalate	20 ug/l	64.5	1.00-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	70.4	1.00-120	8.79	100	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Dimethyl phthalate	20 ug/l	40.0	1.00-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	47.1	1.00-120	16.2	183	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4-Dimethylphenol	20 ug/l	58.0	42.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	62.4	42.0-120	7.34	58.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
4,6-Dinitro-o-cresol	20 ug/l	74.7	53.0-130			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.2	53.0-130	9.64	203	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4-Dinitrophenol	20 ug/l	40.6	1.00-173			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	52.9	1.00-173	26.4	132	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4-Dinitrotoluene	20 ug/l	75.8	48.0-127			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.1	48.0-127	5.57	42.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,6-Dinitrotoluene	20 ug/l	73.3	68.0-137			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	78.8	68.0-137	7.27	48.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
1,2-Diphenylhydrazine	20 ug/l	72.0	52.8-114			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	77.9	52.8-114	7.80	28.1	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Fluoranthene	20 ug/l	85.4	43.0-121			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	84.9	43.0-121	0.596	66.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Fluorene	20 ug/l	77.4	70.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.9	70.0-120	5.68	38.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Hexachlorobenzene	20 ug/l	82.6	8.00-142			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	83.8	8.00-142	1.50	55.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Hexachlorobutadiene	20 ug/l	68.4	38.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	79.1	38.0-120	14.4	62.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Hexachlorocyclopentadiene	20 ug/l	65.4	37.6-104			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	75.6	37.6-104	14.5	34.3	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Hexachloroethane	20 ug/l	68.0	55.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.5	55.0-120	16.9	52.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Indeno(1,2,3-cd)pyrene	20 ug/l	83.0	1.00-151			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	87.4	1.00-151	5.11	99.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Isophorone	20 ug/l	63.9	47.0-180			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	76.1	47.0-180	17.5	93.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
n-Nitrosodi-n-propylamine	20 ug/l	66.1	14.0-198			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	80.2	14.0-198	19.2	87.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
n-Nitrosodimethylamine	20 ug/l	48.3	36.8-67.6			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	57.8	36.8-67.6	17.9	10.9	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		Q
n-Nitrosodiphenylamine	20 ug/l	78.5	40.5-106			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.3	40.5-106	4.69	31.2	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)										
Naphthalene	20 ug/l	70.2	36.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.0	36.0-120	14.3	65.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Nitrobenzene	20 ug/l	64.4	54.0-158			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	76.7	54.0-158	17.4	62.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2-Nitrophenol	20 ug/l	69.7	45.0-167			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.2	45.0-167	16.5	55.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
4-Nitrophenol	20 ug/l	35.7	13.0-129			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	40.8	13.0-129	13.4	131	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
p-Chloro-m-cresol	20 ug/l	69.6	41.0-128			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	78.6	41.0-128	12.1	73.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Pentachlorophenol	20 ug/l	70.2	38.0-152			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	73.0	38.0-152	3.93	86.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Phenanthrene	20 ug/l	81.4	65.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	83.1	65.0-120	2.08	39.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Phenol	20 ug/l	34.1	17.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	41.7	17.0-120	20.0	64.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Pyrene	20 ug/l	80.2	70.0-120			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.1	70.0-120	2.34	49.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
1,2,4-Trichlorobenzene	20 ug/l	69.8	57.0-130			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	81.9	57.0-130	16.0	50.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4,6-Trichlorophenol	20 ug/l	69.3	52.0-129			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	76.6	52.0-129	9.96	58.0	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	20 ug/l	69.4	40.7-112			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	78.3	40.7-112	-	-	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2-Fluorophenol	20 ug/l	48.1	21.3-105			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	58.4	21.3-105	-	-	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Nitrobenzene-D5	20 ug/l	63.5	42.0-121			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	75.7	42.0-121	-	-	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Terphenyl-D14	20 ug/l	81.0	47.5-114			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	82.6	47.5-114	-	-	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
2,4,6-Tribromophenol	20 ug/l	82.2	23.9-125			B12654	27Dec21 1352 by 348	29Dec21 0009 by 271		
	20 ug/l	84.4	23.9-125	-	-	B12654	27Dec21 1352 by 348	29Dec21 0049 by 271		
Volatile Organic Compounds										
Acrolein	250 ug/l	84.1	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	250 ug/l	82.8	70.0-130	1.51	60.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Acrylonitrile	250 ug/l	94.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	250 ug/l	94.0	70.0-130	0.738	60.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Benzene	50 ug/l	91.6	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	88.7	70.0-130	3.15	61.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Bromodichloromethane	50 ug/l	97.3	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	95.3	70.0-130	2.12	56.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Bromoform	50 ug/l	88.3	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	88.5	70.0-130	0.240	42.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Bromomethane	50 ug/l	96.6	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	98.1	70.0-130	1.51	61.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		



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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
Carbon tetrachloride	50 ug/l	79.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	76.8	70.0-130	3.66	41.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Chlorobenzene	50 ug/l	94.2	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	92.2	70.0-130	2.18	53.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Chloroethane	50 ug/l	81.4	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	77.7	70.0-130	4.62	78.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
2-Chloroethyl vinyl ether	100 ug/l	98.1	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	100 ug/l	97.0	70.0-130	1.19	71.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Chloroform	50 ug/l	92.1	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	90.2	70.0-130	2.14	54.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Chloromethane	50 ug/l	89.4	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	85.9	70.0-130	3.97	60.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Dibromochloromethane	50 ug/l	86.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	86.5	70.0-130	0.177	50.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,2-Dichlorobenzene	50 ug/l	92.2	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	90.7	70.0-130	1.66	57.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,3-Dichlorobenzene	50 ug/l	90.3	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	89.3	70.0-130	1.20	43.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,4-Dichlorobenzene	50 ug/l	90.0	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	88.4	70.0-130	1.86	57.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,1-Dichloroethane	50 ug/l	93.8	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	90.3	70.0-130	3.76	40.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,2-Dichloroethane	50 ug/l	94.8	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	93.1	70.0-130	1.84	49.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,1-Dichloroethene	50 ug/l	80.4	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	76.4	70.0-130	5.11	32.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
trans-1,2-Dichloroethene	50 ug/l	84.0	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	81.4	70.0-130	3.14	45.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,2-Dichloropropane	50 ug/l	97.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	96.2	70.0-130	1.56	55.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
cis-1,3-Dichloropropene	50 ug/l	95.3	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	93.7	70.0-130	1.69	58.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
trans-1,3-Dichloropropene	50 ug/l	96.5	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	94.9	70.0-130	1.71	86.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Ethylbenzene	50 ug/l	88.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	86.3	70.0-130	2.77	63.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Methylene chloride	50 ug/l	90.9	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	89.1	70.0-130	1.98	28.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,1,2,2-Tetrachloroethane	50 ug/l	93.9	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	93.0	70.0-130	0.960	61.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Tetrachloroethene	50 ug/l	85.4	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	81.8	70.0-130	4.36	39.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Toluene	50 ug/l	87.7	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	86.0	70.0-130	2.06	41.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
1,1,1-Trichloroethane	50 ug/l	85.5	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	82.6	70.0-130	3.47	36.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		



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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
1,1,2-Trichloroethane	50 ug/l	99.4	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	98.8	70.0-130	0.685	45.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Trichloroethene	50 ug/l	88.3	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	85.1	70.0-130	3.76	48.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Vinyl chloride	50 ug/l	76.6	70.0-130			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	50 ug/l	73.9	70.0-130	3.68	66.0	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	10 ug/l	100	78.0-115			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	10 ug/l	99.9	78.0-115	-	-	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Dibromofluoromethane	10 ug/l	100	90.1-109			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	10 ug/l	100	90.1-109	-	-	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		
Toluene-D8	10 ug/l	99.5	87.8-109			V10230	24Dec21 0139 by 354	24Dec21 0139 by 354		
	10 ug/l	99.6	87.8-109	-	-	V10230	24Dec21 0209 by 354	24Dec21 0209 by 354		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	261490-1	0.1 mg/l	96.9	70.1-109	W78144	29Dec21 1445 by 347	29Dec21 1645 by 347		
	261490-1	0.1 mg/l	100	70.1-109	W78144	29Dec21 1445 by 347	29Dec21 1647 by 347		
		Relative Percent Difference:	3.55	14.6	W78144				
Base/Neutral and Acid Compounds									
Acenaphthene	261367-1	20 ug/l	75.1	47.0-145	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	71.1	47.0-145	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	5.48	48.0	B12654				
Acenaphthylene	261367-1	20 ug/l	79.8	33.0-145	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	72.6	33.0-145	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	9.54	74.0	B12654				
Anthracene	261367-1	20 ug/l	81.2	27.0-133	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	75.6	27.0-133	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	7.11	66.0	B12654				
Benzidine	261367-1	100 ug/l	0.00	1.00-36.2	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		Q
	261367-1	100 ug/l	0.00	1.00-36.2	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		Q
		Relative Percent Difference:	0.00	88.6	B12654				
Benzo(a)anthracene	261367-1	20 ug/l	82.3	33.0-143	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	79.0	33.0-143	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	4.13	53.0	B12654				
Benzo(a)pyrene	261367-1	20 ug/l	70.6	17.0-163	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	69.2	17.0-163	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	1.96	72.0	B12654				
Benzo(g,h,i)perylene	261367-1	20 ug/l	84.1	1.00-219	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	81.8	1.00-219	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	2.82	97.0	B12654				
Benzo(k)fluoranthene	261367-1	20 ug/l	68.2	11.0-162	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.3	11.0-162	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	3.02	63.0	B12654				
3,4-Benzofluoranthene	261367-1	20 ug/l	76.8	24.0-159	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	80.2	24.0-159	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	4.31	71.0	B12654				
Bis(2-chloroethoxy)methane	261367-1	20 ug/l	76.5	33.0-184	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	65.9	33.0-184	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	14.8	54.0	B12654				
Bis(2-chloroethyl)ether	261367-1	20 ug/l	78.2	12.0-158	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	67.7	12.0-158	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	14.3	108	B12654				
Bis(2-chloroisopropyl)ether	261367-1	20 ug/l	76.6	36.0-166	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	65.9	36.0-166	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	15.1	76.0	B12654				
Bis(2-ethylhexyl)phthalate	261367-1	20 ug/l	58.2	8.00-158	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	63.4	8.00-158	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	8.26	82.0	B12654				
4-Bromophenyl phenyl ether	261367-1	20 ug/l	85.3	53.0-127	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	78.4	53.0-127	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	8.41	43.0	B12654				
Butylbenzyl phthalate	261367-1	20 ug/l	70.0	1.00-152	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	64.4	1.00-152	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
		Relative Percent Difference:	8.33	60.0	B12654				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Chloronaphthalene	261367-1	20 ug/l	79.0	60.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.3	60.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		11.6	24.0	B12654				
2-Chlorophenol	261367-1	20 ug/l	76.3	23.0-134	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	67.6	23.0-134	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		12.2	61.0	B12654				
4-Chlorophenyl phenyl ether	261367-1	20 ug/l	83.2	25.0-158	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	76.5	25.0-158	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		8.45	61.0	B12654				
Chrysene	261367-1	20 ug/l	81.4	17.0-168	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	77.2	17.0-168	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		5.30	87.0	B12654				
Di-n-butyl phthalate	261367-1	20 ug/l	79.2	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	74.6	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		5.63	47.0	B12654				
Di-n-octyl phthalate	261367-1	20 ug/l	45.2	4.00-146	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	50.4	4.00-146	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		8.16	69.0	B12654				
Dibenz(a,h)anthracene	261367-1	20 ug/l	84.1	1.00-227	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	81.2	1.00-227	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		3.52	126	B12654				
1,2-Dichlorobenzene	261367-1	20 ug/l	80.7	44.1-101	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.7	44.1-101	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.3	18.8	B12654				
1,3-Dichlorobenzene	261367-1	20 ug/l	79.9	42.7-99.9	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.3	42.7-99.9	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		12.7	22.1	B12654				
1,4-Dichlorobenzene	261367-1	20 ug/l	79.3	54.4-93.0	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	69.4	54.4-93.0	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.3	22.3	B12654				
3,3'-Dichlorobenzidine	261367-1	20 ug/l	54.5	1.00-262	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	40.3	1.00-262	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		30.0	108	B12654				
2,4-Dichlorophenol	261367-1	20 ug/l	81.9	39.0-135	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	71.6	39.0-135	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.5	50.0	B12654				
Diethyl phthalate	261367-1	20 ug/l	71.6	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	66.9	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		6.77	100	B12654				
Dimethyl phthalate	261367-1	20 ug/l	54.3	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	51.5	1.00-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		5.22	183	B12654				
2,4-Dimethylphenol	261367-1	20 ug/l	47.8	32.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	26.0	32.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		Q
	Relative Percent Difference:		56.0	58.0	B12654				
4,6-Dinitro-o-cresol	261367-1	20 ug/l	91.1	1.00-181	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	84.2	1.00-181	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		7.91	203	B12654				
2,4-Dinitrophenol	261367-1	20 ug/l	83.2	1.00-191	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	79.0	1.00-191	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		5.17	132	B12654				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
2,4-Dinitrotoluene	261367-1	20 ug/l	80.7	39.0-139	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	73.6	39.0-139	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		9.12	42.0	B12654				
2,6-Dinitrotoluene	261367-1	20 ug/l	79.6	50.0-158	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	71.7	50.0-158	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		10.4	48.0	B12654				
1,2-Diphenylhydrazine	261367-1	20 ug/l	76.9	50.2-94.6	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	69.8	50.2-94.6	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		9.72	28.1	B12654				
Fluoranthene	261367-1	20 ug/l	85.5	26.0-137	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	81.8	26.0-137	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		4.36	66.0	B12654				
Fluorene	261367-1	20 ug/l	82.5	59.0-121	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	76.0	59.0-121	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		8.13	38.0	B12654				
Hexachlorobenzene	261367-1	20 ug/l	85.9	1.00-152	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	79.8	1.00-152	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		7.33	55.0	B12654				
Hexachlorobutadiene	261367-1	20 ug/l	80.1	24.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.3	24.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.1	62.0	B12654				
Hexachlorocyclopentadiene	261367-1	20 ug/l	80.1	27.0-102	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	69.4	27.0-102	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		14.3	34.3	B12654				
Hexachloroethane	261367-1	20 ug/l	79.7	40.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	69.1	40.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		14.3	52.0	B12654				
Indeno(1,2,3-cd)pyrene	261367-1	20 ug/l	84.4	1.00-171	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	81.5	1.00-171	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		3.51	99.0	B12654				
Isophorone	261367-1	20 ug/l	73.9	21.0-196	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	63.6	21.0-196	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		14.9	93.0	B12654				
n-Nitrosodi-n-propylamine	261367-1	20 ug/l	77.1	1.00-230	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	68.0	1.00-230	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		12.6	87.0	B12654				
n-Nitrosodimethylamine	261367-1	20 ug/l	55.7	21.7-72.1	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	48.5	21.7-72.1	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.9	10.9	B12654				
n-Nitrosodiphenylamine	261367-1	20 ug/l	82.4	36.2-111	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	75.6	36.2-111	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		8.57	31.2	B12654				
Naphthalene	261367-1	20 ug/l	79.6	21.0-133	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	71.5	21.0-133	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		10.6	65.0	B12654				
Nitrobenzene	261367-1	20 ug/l	75.3	35.0-180	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	65.9	35.0-180	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.3	62.0	B12654				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	DII	Qual
2-Nitrophenol	261367-1	20 ug/l	83.0	29.0-182	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	73.0	29.0-182	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		12.8	55.0	B12654				
4-Nitrophenol	261367-1	20 ug/l	40.9	1.00-132	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	38.7	1.00-132	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		5.48	131	B12654				
p-Chloro-m-cresol	261367-1	20 ug/l	76.5	22.0-147	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	68.2	22.0-147	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		11.4	73.0	B12654				
Pentachlorophenol	261367-1	20 ug/l	88.1	14.0-176	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	82.2	14.0-176	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		7.00	86.0	B12654				
Phenanthrene	261367-1	20 ug/l	84.1	54.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	81.0	54.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		3.75	39.0	B12654				
Phenol	261367-1	20 ug/l	39.7	5.00-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	33.5	5.00-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		16.8	64.0	B12654				
Pyrene	261367-1	20 ug/l	83.9	52.0-120	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	73.9	52.0-120	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		12.6	49.0	B12654				
1,2,4-Trichlorobenzene	261367-1	20 ug/l	82.4	44.0-142	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	72.2	44.0-142	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		13.3	50.0	B12654				
2,4,6-Trichlorophenol	261367-1	20 ug/l	78.7	37.0-144	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.0	37.0-144	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
	Relative Percent Difference:		11.7	58.0	B12654				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	261367-1	20 ug/l	78.6	23.4-114	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	70.8	23.4-114	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
2-Fluorophenol	261367-1	20 ug/l	56.4	0.700-99.7	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	48.3	0.700-99.7	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
Nitrobenzene-D5	261367-1	20 ug/l	74.5	20.6-121	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	64.5	20.6-121	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
Terphenyl-D14	261367-1	20 ug/l	83.1	21.3-140	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	76.1	21.3-140	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
2,4,6-Tribromophenol	261367-1	20 ug/l	84.2	1.00-135	B12654	27Dec21 1352 by 348	29Dec21 0129 by 271		
	261367-1	20 ug/l	78.4	1.00-135	B12654	27Dec21 1352 by 348	29Dec21 0209 by 271		
Volatile Organic Compounds									
Acrolein	261367-1	250 ug/l	70.4	40.0-160	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	250 ug/l	71.2	40.0-160	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.09	60.0	V10230				
Acrylonitrile	261367-1	250 ug/l	93.6	40.0-160	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	250 ug/l	93.8	40.0-160	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.262	60.0	V10230				
Benzene	261367-1	50 ug/l	101	37.0-151	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	99.3	37.0-151	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.91	61.0	V10230				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Bromodichloromethane	261367-1	50 ug/l	104	35.0-155	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	103	35.0-155	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.24	56.0	V10230				
Bromoform	261367-1	50 ug/l	92.1	45.0-169	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	91.6	45.0-169	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.531	42.0	V10230				
Bromomethane	261367-1	50 ug/l	113	1.00-242	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	110	1.00-242	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.89	61.0	V10230				
Carbon tetrachloride	261367-1	50 ug/l	95.4	70.0-140	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	93.2	70.0-140	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.32	41.0	V10230				
Chlorobenzene	261367-1	50 ug/l	103	37.0-160	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	101	37.0-160	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.50	53.0	V10230				
Chloroethane	261367-1	50 ug/l	92.1	14.0-230	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	92.9	14.0-230	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.913	78.0	V10230				
2-Chloroethyl vinyl ether	261367-1	100 ug/l	103	1.00-305	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	100 ug/l	99.8	1.00-305	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.70	71.0	V10230				
Chloroform	261367-1	50 ug/l	101	51.0-138	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	97.8	51.0-138	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.78	54.0	V10230				
Chloromethane	261367-1	50 ug/l	102	1.00-273	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	98.5	1.00-273	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		3.29	60.0	V10230				
Dibromochloromethane	261367-1	50 ug/l	91.8	53.0-149	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	91.4	53.0-149	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.457	50.0	V10230				
1,2-Dichlorobenzene	261367-1	50 ug/l	98.6	18.0-190	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.5	18.0-190	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.19	57.0	V10230				
1,3-Dichlorobenzene	261367-1	50 ug/l	98.7	59.0-156	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	97.2	59.0-156	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.51	43.0	V10230				
1,4-Dichlorobenzene	261367-1	50 ug/l	97.9	18.0-190	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.5	18.0-190	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.43	57.0	V10230				
1,1-Dichloroethane	261367-1	50 ug/l	103	59.0-155	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	101	59.0-155	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.11	40.0	V10230				
1,2-Dichloroethane	261367-1	50 ug/l	99.1	49.0-155	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.9	49.0-155	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.23	49.0	V10230				
1,1-Dichloroethene	261367-1	50 ug/l	94.0	1.00-234	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	91.5	1.00-234	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.64	32.0	V10230				
trans-1,2-Dichloroethene	261367-1	50 ug/l	95.6	54.0-156	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	93.5	54.0-156	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.22	45.0	V10230				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,2-Dichloropropane	261367-1	50 ug/l	106	1.00-210	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	103	1.00-210	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.09	55.0	V10230				
cis-1,3-Dichloropropene	261367-1	50 ug/l	100	1.00-227	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	99.7	1.00-227	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.520	58.0	V10230				
trans-1,3-Dichloropropene	261367-1	50 ug/l	100	17.0-183	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	99.4	17.0-183	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.818	86.0	V10230				
Ethylbenzene	261367-1	50 ug/l	99.8	37.0-162	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	98.0	37.0-162	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.77	63.0	V10230				
Methylene chloride	261367-1	50 ug/l	101	1.00-221	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	97.9	1.00-221	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.94	28.0	V10230				
1,1,2,2-Tetrachloroethane	261367-1	50 ug/l	97.2	46.0-157	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.2	46.0-157	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		1.02	61.0	V10230				
Tetrachloroethene	261367-1	50 ug/l	98.9	64.0-148	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.5	64.0-148	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.44	39.0	V10230				
Toluene	261367-1	50 ug/l	97.6	47.0-150	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	95.6	47.0-150	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.13	41.0	V10230				
1,1,1-Trichloroethane	261367-1	50 ug/l	98.9	52.0-162	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	96.0	52.0-162	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.90	36.0	V10230				
1,1,2-Trichloroethane	261367-1	50 ug/l	103	52.0-150	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	102	52.0-150	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		0.209	45.0	V10230				
Trichloroethene	261367-1	50 ug/l	99.1	70.0-157	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	95.8	70.0-157	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		3.41	48.0	V10230				
Vinyl chloride	261367-1	50 ug/l	92.5	1.00-251	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	50 ug/l	89.8	1.00-251	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
	Relative Percent Difference:		2.99	66.0	V10230				
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	261367-1	10 ug/l	100	69.4-128	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	10 ug/l	100	69.4-128	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
Dibromofluoromethane	261367-1	10 ug/l	99.6	73.7-130	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	10 ug/l	99.0	73.7-130	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D
Toluene-D8	261367-1	10 ug/l	100	62.4-133	V10230	24Dec21 0238 by 354	24Dec21 0238 by 354	100	D
	261367-1	10 ug/l	99.7	62.4-133	V10230	24Dec21 0308 by 354	24Dec21 0308 by 354	100	D

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LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.0085 mg/l	0.0085	0.01	W78144-1	29Dec21 1445 by 347	29Dec21 1639 by 347	
Base/Neutral and Acid Compounds							
Acenaphthene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Acenaphthylene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Anthracene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Benzidine	< 50 ug/l	50	50	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Benzo(a)anthracene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Benzo(a)pyrene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Benzo(g,h,i)perylene	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Benzo(k)fluoranthene	< 3.1 ug/l	3.1	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
3,4-Benzofluoranthene	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Bis(2-chloroethoxy)methane	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Bis(2-chloroethyl)ether	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Bis(2-ethylhexyl)phthalate	< 2.6 ug/l	2.6	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
4-Bromophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Butylbenzyl phthalate	< 3.1 ug/l	3.1	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2-Chloronaphthalene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2-Chlorophenol	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
4-Chlorophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Chrysene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Di-n-butyl phthalate	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Di-n-octyl phthalate	< 4.6 ug/l	4.6	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Dibenz(a,h)anthracene	< 3.5 ug/l	3.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
3,3'-Dichlorobenzidine	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4-Dichlorophenol	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Dimethyl phthalate	< 2.0 ug/l	2.0	4.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4-Dimethylphenol	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
4,6-Dinitro-o-cresol	< 5.3 ug/l	5.3	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4-Dinitrophenol	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,6-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
1,2-Diphenylhydrazine	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Fluoranthene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Fluorene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Hexachlorobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Hexachlorobutadiene	< 1.3 ug/l	1.3	2.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Hexachlorocyclopentadiene	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Hexachloroethane	< 2.0 ug/l	2.0	4.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Indeno(1,2,3-cd)pyrene	< 3.1 ug/l	3.1	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Isophorone	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
n-Nitrosodi-n-propylamine	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
n-Nitrosodimethylamine	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
n-Nitrosodiphenylamine	< 5.0 ug/l	5.0	10	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	R
Naphthalene	< 2.0 ug/l	2.0	4.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Nitrobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 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	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
4-Nitrophenol	< 3.7 ug/l	3.7	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
p-Chloro-m-cresol	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Pentachlorophenol	< 3.3 ug/l	3.3	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Phenanthrene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Phenol	< 2.0 ug/l	2.0	4.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Pyrene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
1,2,4-Trichlorobenzene	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4,6-Trichlorophenol	< 2.5 ug/l	2.5	5.0	B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (40.7-112%)	70.7 %			B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2-Fluorophenol (21.3-105%)	51.2 %			B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Nitrobenzene-D5 (42.0-121%)	69.6 %			B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Terphenyl-D14 (47.5-114%)	75.9 %			B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
2,4,6-Tribromophenol (23.9-125%)	81.6 %			B12654-1	27Dec21 1352 by 348	28Dec21 2329 by 271	
Volatile Organic Compounds							
Acrolein	< 11 ug/l	11	20	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Acrylonitrile	< 5.0 ug/l	5.0	10	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Benzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Bromoform	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Carbon tetrachloride	< 1.6 ug/l	1.6	2.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Chlorobenzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Chlorodibromomethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Chloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
2-Chloroethyl vinyl ether	< 5.0 ug/l	5.0	10	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Chloroform	< 2.9 ug/l	2.9	4.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Dichlorobromomethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,1-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,2-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,1-Dichloroethylene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
trans-1,2-Dichloroethylene	< 1.4 ug/l	1.4	2.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,2-Dichloropropane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
cis-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
trans-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Ethylbenzene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Methyl bromide(Bromomethane)	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Methyl chloride(Chloromethane)	< 2.7 ug/l	2.7	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Methylene chloride	4.7 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	J
1,1,2,2-Tetrachloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Tetrachloroethylene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Toluene	< 3.2 ug/l	3.2	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,1,1-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
1,1,2-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Trichloroethylene	< 2.5 ug/l	2.5	5.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Vinyl chloride	< 1.9 ug/l	1.9	2.0	V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	



Arkansas Testing Laboratories
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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 (78.0-115%)	97.4 %			V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Dibromofluoromethane (90.1-109%)	98.7 %			V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	
Toluene-D8 (87.8-109%)	100 %			V10230-1	24Dec21 0437 by 354	24Dec21 0437 by 354	

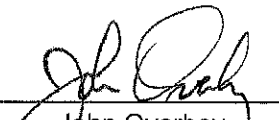


Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for samples received on December 23, 2021. 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
arktestlabs@gmail.com

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on December 23, 2021
2886
P.O. No. 2886

Receipt Details:

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

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

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
261510-1	Intimidator	17-Dec-2021 1159	
261510-2	Intimidator	21-Dec-2021 1410	

Qualifiers:

- B Analyte was found in the associated blank
- 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 B12654 was not performed on any sample associated with AIC Control No. 261510.

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).

