

From: [Belcourt, Jamie](#)
To: jim.whitson@intimidatorutv.com
Subject: June 2022 Semiannual Pretreatment Report
Date: Wednesday, July 27, 2022 8:39:49 AM
Attachments: [image005.png](#)
[image006.jpg](#)
[image002.png](#)

Hello,

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

Thank you,

Jamie Belcourt | Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

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



From: Belcourt, Jamie
Sent: Wednesday, July 20, 2022 11:23 AM
To: 'Jim Whitson'
Subject: RE: June 2022 Semiannual Pretreatment Report
Thank you, Jim.

I'll send you a confirmation once I've had the chance to review.

Jamie Belcourt | Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

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



From: Jim Whitson [<mailto:jim.whitson@intimidatorutv.com>]
Sent: Wednesday, July 20, 2022 11:23 AM
To: Belcourt, Jamie
Subject: RE: June 2022 Semiannual Pretreatment Report
Hi Jamie.

This was submitted last week (see attachment) but I realize now when I put Pretreatment as the email address it went only to Batesville Wastewater. So sorry. I am resending it now.

Jim Whitson, P.E., CEM | The Toro Company | Intimidator Group Division
Direct 870-569-1959 | Cell 501-351-5284 | jim.whitson@intimidatorutv.com



From: Belcourt, Jamie <jamie.belcourt@adeq.state.ar.us>

Sent: Wednesday, July 20, 2022 11:19 AM

To: Jim Whitson <jim.whitson@intimidatorutv.com>

Subject: June 2022 Semiannual Pretreatment Report

Hello,

This is a reminder to submit Intimidator, Inc.'s June 2022 semiannual pretreatment report.

Thank you,

Jamie Belcourt | Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

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



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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: JAN 2022 TO: JUNE 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 & Regulated (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	0.051	<.02	.032	<.02	.148	0.3	
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

7.15.22

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: July 1, 2022
Collection Time: 12:38 PM
Collected By: MRM

Wastewater Analysis

Collection Place: Final Discharge Point

Parameter	Analysis Begin Date / Time	Analysis End Date / Time	Results	Unit	Loading lb/day	Analyst	% Spike	Rel %	Sample Type	Ref #
pH	07/01 12:38 PM	NA	5.14	S.U.	NA	MRM	NA	0.00	Grab	4
Cyanide	07/07 1:23 PM	7/11 9:47 AM	0.3	mg/l	NA	A1352/A1352	91.7	3.80	Grab	5
Cadmium	07/05 3:16 PM	NA	< 0.02	mg/l	NA	KLB	110.0	1.61	Grab	7
Chromium	07/05 3:16 PM	NA	< 0.02	mg/l	NA	KLB	113.4	0.94	Grab	7
Copper	07/05 3:16 PM	NA	0.051	mg/l	NA	KLB	114.0	1.50	Grab	7
Lead	07/05 3:16 PM	NA	< 0.02	mg/l	NA	KLB	108.0	3.19	Grab	7
Nickel	07/05 3:16 PM	NA	0.032	mg/l	NA	KLB	105.5	0.45	Grab	7
Zinc	07/05 3:16 PM	NA	0.148	mg/l	NA	KLB	99.0	3.15	Grab	7
Silver	07/05 3:16 PM	NA	< 0.02	mg/l	NA	KLB	90.0	0.00	Grab	7
Base/Neutral/Acid Compounds Volatiles AI REPORT # 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:

- SM 4500-HB-2011
- SM 4500-CN-E-2011
- 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							PARAMETERS						
	SAMPLE MATRIX	DATE	TIME	Grab / Comp	PH / DO #	NP-iced	HCI	NaOH	HNO3	PRESERVATIVES				
	W=H2O S=SLUDGE D=SOIL C=WELL	7-1	12:38	Grab	5.14	Semi-vol	Volatiles	Cyanide		Metals	1-L-G	2-40-G	1-L-P	1-L-P


Comments:

RELINQUISHED TO: 

RELINQUISHED BY: 

REC'D INTO THE LAB 31 °C

Received by: _____ Date/Time: _____

Received by: (into the Lab)  Date/Time: 7-22 1:28 pm

Date/Time: 7-22 12:00




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 July 6, 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.



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:

One (1) water sample(s) received on July 6, 2022
2918
P.O. No. 2918

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>
266998-1	Intimidator	01-Jul-2022 1238	1

Notes:

- Received temperature of samples did not meet regulatory requirements

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 results for Semi-volatiles are not available due to interferences with the spiked sample.

References:

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

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 266998-1

Sample Identification: Intimidator 01-Jul-2022 1238

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 2016	0.30 Analyzed: 11-Jul-2022 0947 by 352	0.04	mg/l Batch: W80096	D Dil: 4
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 07-Jul-2022 1323 by 352				
Acenaphthylene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Anthracene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Benzidine EPA 625.1	< 50 Analyzed: 12-Jul-2022 1538 by 271	50	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Benzo(a)anthracene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Benzo(a)pyrene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Benzo(g,h,i)perylene EPA 625.1	< 10 Analyzed: 12-Jul-2022 1538 by 271	10	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Benzo(k)fluoranthene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
3,4-Benzofluoranthene EPA 625.1	< 10 Analyzed: 12-Jul-2022 1538 by 271	10	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Bis(2-chloroethyl)ether EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
4-Bromophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Butylbenzyl phthalate EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
2-Chloronaphthalene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
2-Chlorophenol EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				
Chrysene EPA 625.1	< 5.0 Analyzed: 12-Jul-2022 1538 by 271	5.0	ug/l Batch: B12881	
Prep: 08-Jul-2022 0728 by 348				

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 266998-1 (Continued)

Sample Identification: Intimidator 01-Jul-2022 1238

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Dibenz(a,h)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
1,2-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
1,3-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
1,4-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,4-Dichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Diethyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Dimethyl phthalate EPA 625.1	< 4.0	4.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,4-Dimethylphenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
4,6-Dinitro-o-cresol EPA 625.1	< 10	10	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,4-Dinitrophenol EPA 625.1	< 10	10	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,4-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,6-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
1,2-Diphenylhydrazine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Fluorene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Hexachlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Hexachlorobutadiene EPA 625.1	< 2.0	2.0	ug/l	
Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 266998-1 (Continued)

Sample Identification: Intimidator 01-Jul-2022 1238

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachlorocyclopentadiene	< 10	10	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Hexachloroethane	< 4.0	4.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Indeno(1,2,3-cd)pyrene	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Isophorone	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
n-Nitrosodi-n-propylamine	< 10	10	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
n-Nitrosodimethylamine	< 10	10	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
n-Nitrosodiphenylamine	< 10	10	ug/l	R
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Naphthalene	< 4.0	4.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Nitrobenzene	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2-Nitrophenol	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
4-Nitrophenol	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
p-Chloro-m-cresol	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Pentachlorophenol	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Phenanthrene	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Phenol	< 4.0	4.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Pyrene	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
1,2,4-Trichlorobenzene	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
2,4,6-Trichlorophenol	< 5.0	5.0	ug/l	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Surrogate: 2-Fluorobiphenyl (43.8-112%)	72.7		%	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	
Surrogate: 2-Fluorophenol (4.10-104%)	34.5		%	
EPA 625.1 Prep: 08-Jul-2022 0728 by 348	Analyzed: 12-Jul-2022 1538 by 271		Batch: B12881	

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ANALYTICAL RESULTS

AIC No. 266998-1 (Continued)

Sample Identification: Intimidator 01-Jul-2022 1238

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Nitrobenzene-D5 (40.8-112%) EPA 625.1 Prep: 08-Jul-2022 0728 by 348	81.4 Analyzed: 12-Jul-2022 1538 by 271		% Batch: B12881	
Surrogate: Terphenyl-D14 (22.8-152%) EPA 625.1 Prep: 08-Jul-2022 0728 by 348	84.1 Analyzed: 12-Jul-2022 1538 by 271		% Batch: B12881	
Surrogate: 2,4,6-Tribromophenol (5.20-143%) EPA 625.1 Prep: 08-Jul-2022 0728 by 348	43.4 Analyzed: 11-Jul-2022 2301 by 271		% Batch: B12881	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20 Analyzed: 06-Jul-2022 1930 by 271	20	ug/l Batch: V10326	H
Acrylonitrile EPA 624.1	< 10 Analyzed: 06-Jul-2022 1930 by 271	10	ug/l Batch: V10326	
Benzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Bromoform EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Carbon tetrachloride EPA 624.1	< 2.0 Analyzed: 06-Jul-2022 1930 by 271	2.0	ug/l Batch: V10326	
Chlorobenzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Chlorodibromomethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Chloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
2-Chloroethyl vinyl ether EPA 624.1	< 10 Analyzed: 06-Jul-2022 1930 by 271	10	ug/l Batch: V10326	
Chloroform EPA 624.1	< 4.0 Analyzed: 06-Jul-2022 1930 by 271	4.0	ug/l Batch: V10326	
1,2-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,3-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,4-Dichlorobenzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Dichlorobromomethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,1-Dichloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,2-Dichloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	

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ANALYTICAL RESULTS

AIC No. 266998-1 (Continued)

Sample Identification: Intimidator 01-Jul-2022 1238

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624.1 (Continued)				
1,1-Dichloroethylene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 06-Jul-2022 1930 by 271	2.0	ug/l Batch: V10326	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,1,2,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Toluene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 06-Jul-2022 1930 by 271	5.0	ug/l Batch: V10326	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 06-Jul-2022 1930 by 271	2.0	ug/l Batch: V10326	
Surrogate: 4-Bromofluorobenzene (88.6-108%) EPA 624.1	93.6 Analyzed: 06-Jul-2022 1930 by 271		% Batch: V10326	
Surrogate: Dibromofluoromethane (94.2-108%) EPA 624.1	101 Analyzed: 06-Jul-2022 1930 by 271		% Batch: V10326	
Surrogate: Toluene-D8 (89.8-109%) EPA 624.1	100 Analyzed: 06-Jul-2022 1930 by 271		% Batch: V10326	

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	91.7	81.9-118			W80096	07Jul22 1323 by 352	11Jul22 0901 by 352		
Base/Neutral and Acid Compounds										
Acenaphthene	20 ug/l	75.3	60.0-132			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	79.1	60.0-132	33.8	48.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Acenaphthylene	20 ug/l	77.2	54.0-126			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	77.8	54.0-126	28.8	74.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Anthracene	20 ug/l	59.9	43.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	73.4	43.0-120	20.2	66.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Benzdine	100 ug/l	0.00	1.00-36.6			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		Q
	100 ug/l	0.00	1.00-36.6	0.00	44.3	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		Q
Benzo(a)anthracene	20 ug/l	69.1	42.0-133			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	83.0	42.0-133	18.3	53.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Benzo(a)pyrene	20 ug/l	70.5	32.0-148			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	87.5	32.0-148	21.5	72.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Benzo(g,h,i)perylene	20 ug/l	71.0	1.00-195			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	91.3	1.00-195	25.0	97.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Benzo(k)fluoranthene	20 ug/l	66.7	25.0-146			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	91.1	25.0-146	30.9	63.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
3,4-Benzofluoranthene	20 ug/l	90.0	42.0-140			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	93.8	42.0-140	4.18	71.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Bis(2-chloroethoxy)methane	20 ug/l	61.7	49.0-165			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	79.9	49.0-165	25.6	54.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Bis(2-chloroethyl)ether	20 ug/l	62.7	43.0-126			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	77.5	43.0-126	21.1	108	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Bis(2-chloroisopropyl)ether	20 ug/l	68.6	63.0-139			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	85.2	63.0-139	21.6	76.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Bis(2-ethylhexyl)phthalate	20 ug/l	86.6	29.0-137			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	94.3	29.0-137	8.46	82.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
4-Bromophenyl phenyl ether	20 ug/l	78.9	65.0-120			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	77.2	65.0-120	29.8	43.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Butylbenzyl phthalate	20 ug/l	13.8	1.00-140			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	14.3	1.00-140	3.56	60.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2-Chloronaphthalene	20 ug/l	75.3	65.0-120			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	76.7	65.0-120	1.86	24.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2-Chlorophenol	20 ug/l	62.5	36.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	76.8	36.0-120	20.5	61.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
4-Chlorophenyl phenyl ether	20 ug/l	58.7	38.0-145			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	79.2	38.0-145	29.8	61.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Chrysene	20 ug/l	69.0	44.0-140			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	81.8	44.0-140	16.9	87.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Di-n-butyl phthalate	20 ug/l	31.3	8.00-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	33.0	8.00-120	5.51	47.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Di-n-octyl phthalate	20 ug/l	99.4	19.0-132			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	118	19.0-132	17.4	69.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Dibenz(a,h)anthracene	20 ug/l	75.7	1.00-200			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	97.5	1.00-200	25.2	126	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		

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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	71.7	58.3-104			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	73.0	58.3-104	1.90	10.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
1,3-Dichlorobenzene	20 ug/l	71.8	58.6-97.6			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	74.2	58.6-97.6	3.37	10.0	B12881	08Jul22 0729 by 348	11Jul22 2219 by 271		
1,4-Dichlorobenzene	20 ug/l	72.7	56.0-101			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	74.2	56.0-101	2.05	14.3	B12881	08Jul22 0729 by 348	11Jul22 2219 by 271		
3,3'-Dichlorobenzidine	20 ug/l	29.0	8.00-213			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	24.2	8.00-213	18.3	108	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,4-Dichlorophenol	20 ug/l	58.0	53.0-122			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	72.9	53.0-122	22.8	50.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Diethyl phthalate	20 ug/l	8.02	1.00-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	8.39	1.00-120	4.55	100	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Dimethyl phthalate	20 ug/l	0.186	1.00-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		Q
	20 ug/l	0.133	1.00-120	32.8	183	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		Q
2,4-Dimethylphenol	20 ug/l	24.2	42.0-120			B12881	08Jul22 0729 by 348	11Jul22 2138 by 271		Q
	20 ug/l	22.5	42.0-120	7.06	58.0	B12881	08Jul22 0729 by 348	11Jul22 2219 by 271		Q
4,6-Dinitro-o-cresol	20 ug/l	92.1	53.0-130			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	107	53.0-130	15.0	203	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,4-Dinitrophenol	20 ug/l	78.2	1.00-173			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	75.6	1.00-173	3.32	132	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,4-Dinitrotoluene	20 ug/l	79.6	48.0-127			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	88.8	48.0-127	11.0	42.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,6-Dinitrotoluene	20 ug/l	69.2	68.0-137			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	89.3	68.0-137	25.4	48.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
1,2-Diphenylhydrazine	20 ug/l	57.2	53.9-105			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	76.4	53.9-105	2.93	18.7	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Fluoranthene	20 ug/l	72.0	43.0-121			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	83.7	43.0-121	15.1	66.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Fluorene	20 ug/l	80.9	70.0-120			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	80.3	70.0-120	27.7	38.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Hexachlorobenzene	20 ug/l	61.5	8.00-142			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	71.5	8.00-142	15.0	55.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Hexachlorobutadiene	20 ug/l	52.7	38.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	70.1	38.0-120	28.3	62.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Hexachlorocyclopentadiene	20 ug/l	73.6	62.7-101			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	73.7	62.7-101	0.160	30.6	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Hexachloroethane	20 ug/l	56.1	55.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	73.7	55.0-120	27.1	52.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Indeno(1,2,3-cd)pyrene	20 ug/l	80.2	1.00-151			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	99.4	1.00-151	21.4	99.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Isophorone	20 ug/l	65.6	47.0-180			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	79.7	47.0-180	19.3	93.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
n-Nitrosodi-n-propylamine	20 ug/l	69.0	14.0-198			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	88.6	14.0-198	24.8	87.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
n-Nitrosodimethylamine	20 ug/l	35.3	33.7-67.5			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	48.8	33.7-67.5	2.74	16.8	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
n-Nitrosodiphenylamine	20 ug/l	60.5	46.7-106			B12881	08Jul22 0729 by 348	11Jul22 2138 by 271		
	20 ug/l	49.2	46.7-106	13.0	27.4	B12881	08Jul22 0729 by 348	12Jul22 1504 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	57.3	36.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	76.5	36.0-120	28.7	65.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Nitrobenzene	20 ug/l	60.7	54.0-158			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	80.7	54.0-158	28.3	62.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2-Nitrophenol	20 ug/l	70.4	45.0-167			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	88.7	45.0-167	23.0	55.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
4-Nitrophenol	20 ug/l	70.9	13.0-129			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	82.3	13.0-129	15.0	131	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
p-Chloro-m-cresol	20 ug/l	70.2	41.0-128			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	81.8	41.0-128	15.3	73.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Pentachlorophenol	20 ug/l	71.5	38.0-152			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	74.2	38.0-152	3.70	86.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Phenanthrene	20 ug/l	81.1	65.0-120			B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Phenol	20 ug/l	42.5	17.0-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	54.7	17.0-120	25.2	64.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Pyrene	20 ug/l	83.3	70.0-120			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	78.6	70.0-120	16.1	49.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
1,2,4-Trichlorobenzene	20 ug/l	71.9	57.0-130			B12881	08Jul22 0729 by 348	13Jul22 1600 by 271		
	20 ug/l	69.9	57.0-130	21.4	50.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,4,6-Trichlorophenol	20 ug/l	54.6	52.0-129			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	65.5	52.0-129	18.2	58.0	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	20 ug/l	53.4	52.2-106			B12881	08Jul22 0729 by 348	11Jul22 2138 by 271		
	20 ug/l	70.8	52.2-106	-	-	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2-Fluorophenol	20 ug/l	47.1	30.6-96.6			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	62.1	30.6-96.6	-	-	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Nitrobenzene-D5	20 ug/l	60.4	57.2-105			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	78.1	57.2-105	-	-	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Terphenyl-D14	20 ug/l	64.4	53.8-120			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	77.0	53.8-120	-	-	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
2,4,6-Tribromophenol	20 ug/l	55.0	23.7-131			B12881	08Jul22 0729 by 348	12Jul22 1429 by 271		
	20 ug/l	61.9	23.7-131	-	-	B12881	08Jul22 0729 by 348	12Jul22 1504 by 271		
Volatile Organic Compounds										
Acrolein	250 ug/l	115	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Acrylonitrile	250 ug/l	110	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Benzene	50 ug/l	97.0	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Bromodichloromethane	50 ug/l	95.1	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Bromoform	50 ug/l	99.6	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Bromomethane	50 ug/l	88.3	70.0-130			V10326	07Jul22 1218 by 271	07Jul22 1218 by 271		
Carbon tetrachloride	50 ug/l	96.3	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Chlorobenzene	50 ug/l	96.3	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Chloroethane	50 ug/l	91.5	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
2-Chloroethyl vinyl ether	100 ug/l	80.1	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Chloroform	50 ug/l	92.9	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		

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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)										
Chloromethane	50 ug/l	89.7	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Dibromochloromethane	50 ug/l	96.7	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,2-Dichlorobenzene	50 ug/l	101	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,3-Dichlorobenzene	50 ug/l	99.2	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,4-Dichlorobenzene	50 ug/l	100	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,1-Dichloroethane	50 ug/l	96.9	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,2-Dichloroethane	50 ug/l	96.7	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,1-Dichloroethene	50 ug/l	92.2	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
trans-1,2-Dichloroethene	50 ug/l	92.7	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,2-Dichloropropane	50 ug/l	99.4	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
cis-1,3-Dichloropropene	50 ug/l	98.3	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
trans-1,3-Dichloropropene	50 ug/l	99.3	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Ethylbenzene	50 ug/l	96.7	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Methylene chloride	50 ug/l	88.6	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,1,2,2-Tetrachloroethane	50 ug/l	105	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Tetrachloroethene	50 ug/l	93.8	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Toluene	50 ug/l	96.1	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,1,1-Trichloroethane	50 ug/l	93.9	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
1,1,2-Trichloroethane	50 ug/l	98.8	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Trichloroethene	50 ug/l	96.8	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Vinyl chloride	50 ug/l	90.1	70.0-130			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	10 ug/l	98.4	89.7-109			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Dibromofluoromethane	10 ug/l	101	90.9-109			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		
Toluene-D8	10 ug/l	102	81.5-119			V10326	06Jul22 1403 by 271	06Jul22 1403 by 271		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	267019-2	0.1 mg/l	89.0	65.2-124	W80096	07Jul22 1323 by 352	11Jul22 0905 by 352		
	267019-2	0.1 mg/l	92.6	65.2-124	W80096	07Jul22 1323 by 352	11Jul22 0907 by 352		
	Relative Percent Difference:		3.80	14.7	W80096				
Volatile Organic Compounds									
Acrolein	266947-1	250 ug/l	93.6	40.0-160	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	250 ug/l	87.9	40.0-160	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		6.34	60.0	V10326				
Acrylonitrile	266947-1	250 ug/l	102	40.0-160	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	250 ug/l	97.1	40.0-160	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		5.00	60.0	V10326				
Benzene	266947-1	50 ug/l	95.0	37.0-151	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	91.8	37.0-151	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.40	61.0	V10326				
Bromodichloromethane	266947-1	50 ug/l	93.4	35.0-155	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	90.7	35.0-155	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.90	56.0	V10326				
Bromoform	266947-1	50 ug/l	95.8	45.0-169	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	94.1	45.0-169	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		1.77	42.0	V10326				
Bromomethane	266947-1	50 ug/l	71.1	1.00-242	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	67.1	1.00-242	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		5.84	61.0	V10326				
Carbon tetrachloride	266947-1	50 ug/l	96.3	70.0-140	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	92.9	70.0-140	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.58	41.0	V10326				
Chlorobenzene	266947-1	50 ug/l	95.0	37.0-160	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	93.0	37.0-160	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.09	53.0	V10326				
Chloroethane	266947-1	50 ug/l	87.3	14.0-230	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	87.2	14.0-230	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		0.181	78.0	V10326				
2-Chloroethyl vinyl ether	266947-1	100 ug/l	53.7	1.00-305	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	100 ug/l	54.8	1.00-305	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.11	71.0	V10326				
Chloroform	266947-1	50 ug/l	89.2	51.0-138	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	85.9	51.0-138	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.81	54.0	V10326				
Chloromethane	266947-1	50 ug/l	94.7	1.00-273	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	89.9	1.00-273	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		5.16	60.0	V10326				
Dibromochloromethane	266947-1	50 ug/l	93.6	53.0-149	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	91.9	53.0-149	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		1.89	50.0	V10326				
1,2-Dichlorobenzene	266947-1	50 ug/l	101	18.0-190	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	98.3	18.0-190	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.90	57.0	V10326				
1,3-Dichlorobenzene	266947-1	50 ug/l	101	59.0-156	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	97.8	59.0-156	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.78	43.0	V10326				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
1,4-Dichlorobenzene	266947-1	50 ug/l	99.5	18.0-190	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	98.2	18.0-190	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		1.37	57.0	V10326				
1,1-Dichloroethane	266947-1	50 ug/l	93.5	59.0-155	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	89.9	59.0-155	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.97	40.0	V10326				
1,2-Dichloroethane	266947-1	50 ug/l	92.9	49.0-155	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	89.9	49.0-155	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.30	49.0	V10326				
1,1-Dichloroethene	266947-1	50 ug/l	90.8	1.00-234	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	87.8	1.00-234	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.44	32.0	V10326				
trans-1,2-Dichloroethene	266947-1	50 ug/l	90.5	54.0-156	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	86.5	54.0-156	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		4.56	45.0	V10326				
1,2-Dichloropropane	266947-1	50 ug/l	97.9	1.00-210	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	94.7	1.00-210	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.33	55.0	V10326				
cis-1,3-Dichloropropene	266947-1	50 ug/l	95.0	1.00-227	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	90.9	1.00-227	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		4.42	58.0	V10326				
trans-1,3-Dichloropropene	266947-1	50 ug/l	92.2	17.0-183	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	89.9	17.0-183	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.54	86.0	V10326				
Ethylbenzene	266947-1	50 ug/l	96.0	37.0-162	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	93.8	37.0-162	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		2.36	63.0	V10326				
Methylene chloride	266947-1	50 ug/l	83.5	1.00-221	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	81.0	1.00-221	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.06	28.0	V10326				
1,1,2,2-Tetrachloroethane	266947-1	50 ug/l	101	46.0-157	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	99.0	46.0-157	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		1.67	61.0	V10326				
Tetrachloroethene	266947-1	50 ug/l	94.8	64.0-148	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	91.7	64.0-148	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.30	39.0	V10326				
Toluene	266947-1	50 ug/l	94.7	47.0-150	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	91.7	47.0-150	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.26	41.0	V10326				
1,1,1-Trichloroethane	266947-1	50 ug/l	94.0	52.0-162	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	90.8	52.0-162	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.51	36.0	V10326				
1,1,2-Trichloroethane	266947-1	50 ug/l	94.5	52.0-150	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	91.3	52.0-150	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.40	45.0	V10326				
Trichloroethene	266947-1	50 ug/l	97.4	70.0-157	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	93.0	70.0-157	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		4.57	48.0	V10326				
Vinyl chloride	266947-1	50 ug/l	87.5	1.00-251	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	50 ug/l	84.6	1.00-251	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
	Relative Percent Difference:		3.34	66.0	V10326				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	266947-1	10 ug/l	97.5	88.6-108	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	10 ug/l	98.7	88.6-108	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
Dibromofluoromethane	266947-1	10 ug/l	101	94.2-108	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	10 ug/l	99.0	94.2-108	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		
Toluene-D8	266947-1	10 ug/l	103	89.8-109	V10326	06Jul22 2029 by 271	06Jul22 2029 by 271		
	266947-1	10 ug/l	101	89.8-109	V10326	06Jul22 2059 by 271	06Jul22 2059 by 271		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.0076 mg/l	0.0076	0.01	W80096-1	07Jul22 1323 by 352	11Jul22 0900 by 352	
Base/Neutral and Acid Compounds							
Acenaphthene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Acenaphthylene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Anthracene	< 2.7 ug/l	2.7	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Benzidine	< 49 ug/l	49	50	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Benzo(a)anthracene	< 2.6 ug/l	2.6	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Benzo(a)pyrene	< 2.6 ug/l	2.6	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Benzo(g,h,i)perylene	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Benzo(k)fluoranthene	< 3.1 ug/l	3.1	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
3,4-Benzofluoranthene	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Bis(2-chloroethoxy)methane	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Bis(2-chloroethyl)ether	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Bis(2-ethylhexyl)phthalate	< 3.2 ug/l	3.2	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
4-Bromophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Butylbenzyl phthalate	< 3.1 ug/l	3.1	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2-Chloronaphthalene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2-Chlorophenol	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
4-Chlorophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Chrysene	< 2.8 ug/l	2.8	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Di-n-butyl phthalate	< 2.7 ug/l	2.7	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Di-n-octyl phthalate	< 3.8 ug/l	3.8	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Dibenz(a,h)anthracene	< 4.0 ug/l	4.0	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4-Dichlorophenol	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Dimethyl phthalate	< 2.0 ug/l	2.0	4.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4-Dimethylphenol	2.7 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	J
4,6-Dinitro-o-cresol	< 5.6 ug/l	5.6	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4-Dinitrophenol	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,6-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
1,2-Diphenylhydrazine	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Fluoranthene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Fluorene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Hexachlorobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Hexachlorobutadiene	< 1.7 ug/l	1.7	2.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Hexachlorocyclopentadiene	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Hexachloroethane	< 2.0 ug/l	2.0	4.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Indeno(1,2,3-cd)pyrene	< 4.1 ug/l	4.1	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Isophorone	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
n-Nitrosodi-n-propylamine	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
n-Nitrosodimethylamine	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
n-Nitrosodiphenylamine	< 5.0 ug/l	5.0	10	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	R
Naphthalene	< 2.0 ug/l	2.0	4.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Nitrobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 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	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
4-Nitrophenol	< 3.7 ug/l	3.7	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
p-Chloro-m-cresol	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Pentachlorophenol	< 3.7 ug/l	3.7	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Phenanthrene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Phenol	< 2.0 ug/l	2.0	4.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Pyrene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
1,2,4-Trichlorobenzene	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4,6-Trichlorophenol	< 2.5 ug/l	2.5	5.0	B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (52.2-106%)	59.6 %			B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2-Fluorophenol (30.6-96.6%)	37.0 %			B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Nitrobenzene-D5 (57.2-105%)	69.3 %			B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
Terphenyl-D14 (53.8-120%)	77.5 %			B12881-1	08Jul22 0729 by 348	12Jul22 1356 by 271	
2,4,6-Tribromophenol (23.7-131%)	47.1 %			B12881-1	08Jul22 0729 by 348	11Jul22 2058 by 271	
Volatile Organic Compounds							
Acrolein	< 20 ug/l	20	20	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Acrylonitrile	< 5.6 ug/l	5.6	10	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Benzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Bromoform	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Carbon tetrachloride	< 1.8 ug/l	1.8	2.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Chlorobenzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Chlorodibromomethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Chloroethane	< 2.9 ug/l	2.9	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
2-Chloroethyl vinyl ether	< 5.0 ug/l	5.0	10	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Chloroform	< 2.1 ug/l	2.1	4.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Dichlorobromomethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,1-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,2-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,1-Dichloroethylene	< 2.6 ug/l	2.6	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
trans-1,2-Dichloroethylene	< 1.5 ug/l	1.5	2.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,2-Dichloropropane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
cis-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
trans-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Ethylbenzene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Methyl bromide(Bromomethane)	< 2.8 ug/l	2.8	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Methyl chloride(Chloromethane)	< 2.7 ug/l	2.7	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Methylene chloride	< 4.7 ug/l	4.7	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,1,2,2-Tetrachloroethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Tetrachloroethylene	< 2.6 ug/l	2.6	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Toluene	< 3.2 ug/l	3.2	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,1,1-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
1,1,2-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Trichloroethylene	< 2.5 ug/l	2.5	5.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Vinyl chloride	< 1.6 ug/l	1.6	2.0	V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	



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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 (89.7-109%)	90.3 %			V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Dibromofluoromethane (90.9-109%)	100 %			V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	
Toluene-D8 (81.5-119%)	102 %			V10326-1	06Jul22 1502 by 271	06Jul22 1502 by 271	

Arkansas Testing Laboratories

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

266998

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: ARKANSAS TESTING LAB					PO # <u>2918</u>	REF # <u>7</u>
SAMPLE ID EFF	SAMPLE MATRIX	SAMPLED BY: MRM	DATE	TIME	CONTAINER	PARAMETERS
CLAR POND BACKWASH	W=H2O S=SLUDGE D=SOIL C=WELL					
Initial before	W	7-1-22	1238 pm		Emb X	Feed HCl Semi-Vol Volatility CN 1-L-G 2-H-G 1-L-P
# = number of bottles	Q, L, H = Quart, Liter, Half Gallon	P, G = Plastic, Glass				
Relinquished by:			Date/Time		Received by:	Date/Time
Relinquished by:			Date/Time		Received by:	Date/Time

Date/Time 7-1-22
 Date/Time 8:52
 Date/Time 10:10
 Date/Time