

Jamie Belcourt (adpce.ad)

From: Jamie Belcourt (adpce.ad)
Sent: Wednesday, December 28, 2022 3:00 PM
To: 'Randel Davis'
Cc: 'wwsuper@batesvillearkansas.gov'
Subject: Bad Boy Inc.'s December 2022 Semiannual Pretreatment Report

Mr. Davis,

Bad Boy Inc.'s (Pretreatment IDs ARP001027 & ARP001028) semiannual pretreatment reports for December 2022 were electronically received, reviewed, and deemed complete and compliant with the reporting requirements in 40 C.F.R. 403.12(e) and more specifically in compliance with the Metal Finishing Pretreatment standards in 40 C.F.R. 433.17.

Thank you,

Jamie Belcourt | State Pretreatment Coordinator
Division of Environmental Quality | **Office of Water Quality**
Policy and Administration
5301 Northshore Drive | North Little Rock, AR 72118
t: 501.682.0858 | e: jamie.belcourt@adeq.state.ar.us



ARKANSAS
ENERGY & ENVIRONMENT

From: Jamie Belcourt (adpce.ad)
Sent: Tuesday, December 27, 2022 7:00 AM
To: 'Randel Davis'; Pretreatment-Submittals
Cc: wwsuper@batesvillearkansas.gov
Subject: RE: report

Received, thank you.

Jamie Belcourt | State Pretreatment Coordinator
Division of Environmental Quality | **Office of Water Quality**
Policy and Administration
5301 Northshore Drive | North Little Rock, AR 72118
t: 501.682.0858 | e: jamie.belcourt@adeq.state.ar.us



ARKANSAS
ENERGY & ENVIRONMENT

From: Randel Davis [<mailto:randel.davis@badboymowers.com>]
Sent: Thursday, December 22, 2022 9:04 AM
To: Pretreatment-Submittals
Cc: wwsuper@batesvillearkansas.gov
Subject: report

Semi annual report

Thanks
Randel

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy Inc. AR 0020702
 102 Industrial Dr.
 Batesville AR 72579

B. FACILITY & LOCATION ADDRESS

Same as
 Mailing Address

001#

C. FACILITY CONTACT:

Randel Daus

TELEPHONE NUMBER:

870 612 0358

e-mail:

randel.daus@badboyrollers.com

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

A. MONTHS WHICH REPORTS ARE DUE

June & December

B. PERIOD COVERED BY THIS REPORT

FROM: June TO: December

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

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

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

stages 2 & 4 are rinse
 states in a five stage
 wash cleaning process

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

N/A

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

C. Number of Regular Employees at this Facility

947

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	12500	18500	
Regulated (Cyanide)			
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	18000	22000	
Total Flow to POTW	30500	40500	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Stages 1, 3 captured and picked up by Wastel Services Inc.

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES-- CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	40.02	40.02	40.02	0.023	0.038	0.02	0.067	0.01	BDL
Ave Measured									

Sample Location Sump pH at End of Process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: '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(f)]

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.

Randell Davis

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randell Davis

SIGNATURE

Paint supervisor

OFFICIAL TITLE

12-22-22

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

BAD BOY MOWERS

Collection Date / Time: November 18, 2022 9:18 AM

Wastewater Analysis

Collection Place: Paint Shop #1

Collected By: JC

Parameter	Date / Time Begin		Date / Time End	Results	Unit	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	11/29	11:19 AM	NA	< 0.02	mg/l	KLB	98.1	0.67	Grab	1
Chromium	11/29	11:19 AM	NA	< 0.02	mg/l	KLB	100.7	0.57	Grab	1
Copper	11/29	11:19 AM	NA	< 0.02	mg/l	KLB	98.5	3.66	Grab	1
Lead	11/29	11:19 AM	NA	0.023	mg/l	KLB	102.4	4.64	Grab	1
Nickel	11/29	11:19 AM	NA	0.038	mg/l	KLB	100.0	2.64	Grab	1
Zinc	11/29	11:19 AM	NA	0.067	mg/l	KLB	99.2	1.80	Grab	1
Silver	11/29	11:19 AM	NA	< 0.02	mg/l	KLB	97.8	0.22	Grab	1
Volatile, Semi-Volatile (BNA) AI # 270763			NA	SEE ATTACHED REPORT						
pH	11/18	9:18 AM	NA	6.51	S.U.	JC	NA	0.00	GRAB	3
Cyanide, Total	11/29	2:30 PM	NA	< 0.01	mg/l	KLB	98.4	0.00	GRAB	4

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

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

References:

Analysis complies with 40 CFR Part 136:

1. SM 3120B-2011
2. See attached American Interplex Report
3. SM 4500 HB
4. SM 4500-CN-E


 Neville Adams, Manager

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Bad Boy Inc. 102 Industrial Dr. Batesville AR 72579</p> <p>AR0020702</p> <p>002 #</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Same as mailing address</p>
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C. FACILITY CONTACT: Randel Davis TELEPHONE NUMBER: 8706120350 e-mail: Randel.davis@badboymanagers.com

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

<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p><u>June</u> & <u>December</u></p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: <u>June</u> TO: <u>December</u></p>
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(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p>CORE PROCESS(ES)</p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><input type="checkbox"/> Electroplating</p> <p><input type="checkbox"/> Electroless Plating</p> <p><input type="checkbox"/> Anodizing</p> <p><input checked="" type="checkbox"/> Coating</p> <p><input type="checkbox"/> Chemical Etching and Milling</p> <p><input type="checkbox"/> Printed Circuit Board Manufacture</p> <p>ANCILLARY PROCESS(ES)*</p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>stages 2 & 4 are</u></p> <p><u>rinse stages in a five</u></p> <p><u>stage wash cleaning</u></p> <p><u>process</u></p>	<p>B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.</p> <p><u>Na</u></p>
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*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

<p>C. Number of Regular Employees at this Facility</p> <p><u>947</u></p>	<p>D. [Reserved]</p>
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(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	15000	21000	
'403.6(e) Unregulated*			
'403.6(e) Dilute			
Cooling Water			
Sanitary	15000	22000	
Total Flow to POTW	33000	43000	*****

*"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

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	LO,02	LO,02	LO,02	0,054	LO,02	LO,02	LO,02	LO,01	BDL
Ave Measured									

Sample Location sump Pitt at End of Process

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

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

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

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

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

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

Notary Public in and for _____
County, Arkansas

My commission expires _____.

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

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

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

(8) GENERAL COMMENTS**(9) SIGNATORY REQUIREMENTS [40CFR403.12(l)]**

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.

Randell Davis

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randell

SIGNATURE

Plant Supervisor

OFFICIAL TITLE

12-22-22

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

BAD BOY MOWERS

Collection Date / Time: November 18, 2022 9:32 AM

Collection Place: Paint Shop #2

Collected By: JC

Wastewater Analysis

Parameter	Date / Time Begin		Date / Time End	Results	Unit	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	98.1	0.67	Grab	1
Chromium	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	100.7	0.57	Grab	1
Copper	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	98.5	3.66	Grab	1
Lead	11/29	11:23 AM	NA	0.054	mg/l	KLB	102.4	4.64	Grab	1
Nickel	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	100.0	2.64	Grab	1
Zinc	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	99.2	1.80	Grab	1
Silver	11/29	11:23 AM	NA	< 0.02	mg/l	KLB	97.8	0.22	Grab	1
Vol & Semi Vols (BNA) American Interplex #270763				AI	SEE ATTACHED REPORT					
pH	11/18	9:32 AM	NA	7.03	S.U.	JC	NA	0.00	GRAB	3
Cyanide, Total	11/29	2:30 PM	NA	< 0.01	mg/l	KLB	98.4	0.00	GRAB	4


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

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

References:

Analysis complies with 40 CFR Part 136:

1. SM 3120B-2011
2. See attached American Interplex Report
3. SM 4500 HB-2000
4. SM 4500-CN-E-1999


 Neville Adams, Manager

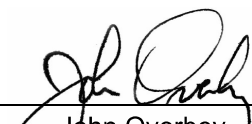


Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for samples received on November 22, 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:

Two (2) water sample(s) received on November 22, 2022
2951
P.O. No. 2951

Receipt Details:

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

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

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
270763-1	Bad Boy 1	18-Nov-2022 0918	
270763-2	Bad Boy 2	18-Nov-2022 0932	

Qualifiers:

- D Result is from a secondary dilution factor
- P Improper preservation
- Q Analyte is not within quality control limits
- R n-Nitrosodiphenylamine cannot be separated from diphenylamine

Case Narrative:

Matrix spike for batch B13025 was not performed on any sample associated with AIC Control No. 270763.

Due to matrix interference the surrogate recovery failed to meet acceptance criteria.

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

References:

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

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 270763-1

Sample Identification: Bad Boy 1 18-Nov-2022 0918

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Acenaphthylene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Benzidine EPA 625.1	< 50	50	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Benzo(a)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Benzo(a)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Benzo(g,h,i)perylene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Benzo(k)fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
3,4-Benzofluoranthene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Bis(2-chloroethyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
4-Bromophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Butylbenzyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2-Chloronaphthalene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2-Chlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Chrysene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 270763-1 (Continued)

Sample Identification: Bad Boy 1 18-Nov-2022 0918

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Dibenz(a,h)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
1,2-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
1,3-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
1,4-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2,4-Dichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Diethyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Dimethyl phthalate EPA 625.1	< 4.0	4.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2,4-Dimethylphenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
4,6-Dinitro-o-cresol EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2,4-Dinitrophenol EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2,4-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
2,6-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
1,2-Diphenylhydrazine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Fluorene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Hexachlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Hexachlorobutadiene EPA 625.1	< 2.0	2.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Hexachlorocyclopentadiene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	

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ANALYTICAL RESULTS

AIC No. 270763-1 (Continued)

Sample Identification: Bad Boy 1 18-Nov-2022 0918

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachloroethane EPA 625.1	< 4.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	4.0	ug/l Batch: B13025	
Indeno(1,2,3-cd)pyrene EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
Isophorone EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
n-Nitrosodi-n-propylamine EPA 625.1	< 10 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	10	ug/l Batch: B13025	
n-Nitrosodimethylamine EPA 625.1	< 10 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	10	ug/l Batch: B13025	
n-Nitrosodiphenylamine EPA 625.1	< 10 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	10	ug/l Batch: B13025	R
Naphthalene EPA 625.1	< 4.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	4.0	ug/l Batch: B13025	
Nitrobenzene EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
2-Nitrophenol EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
4-Nitrophenol EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
p-Chloro-m-cresol EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
Pentachlorophenol EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
Phenanthrene EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
Phenol EPA 625.1	< 4.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	4.0	ug/l Batch: B13025	
Pyrene EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
1,2,4-Trichlorobenzene EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
2,4,6-Trichlorophenol EPA 625.1	< 5.0 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271	5.0	ug/l Batch: B13025	
Surrogate: 2-Fluorobiphenyl (39.1-104%) EPA 625.1	15.8 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271		% Batch: B13025	Q
Surrogate: 2-Fluorophenol (8.90-98.9%) EPA 625.1	16.8 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271		% Batch: B13025	
Surrogate: Nitrobenzene-D5 (34.7-119%) EPA 625.1	16.8 Prep: 23-Nov-2022 1639 by 348 Analyzed: 08-Dec-2022 2353 by 271		% Batch: B13025	Q

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ANALYTICAL RESULTS

AIC No. 270763-1 (Continued)

Sample Identification: Bad Boy 1 18-Nov-2022 0918

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Terphenyl-D14 (16.2-152%) EPA 625.1	21.1		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Surrogate: 2,4,6-Tribromophenol (2.50-148%) EPA 625.1	25.0		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 08-Dec-2022 2353 by 271		Batch: B13025	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20	20	ug/l	P
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Acrylonitrile EPA 624.1	< 10	10	ug/l	P
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Benzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Bromoform EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Carbon tetrachloride EPA 624.1	< 2.0	2.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Chlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Chlorodibromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Chloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
2-Chloroethyl vinyl ether EPA 624.1	< 10	10	ug/l	P
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Chloroform EPA 624.1	< 4.0	4.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,2-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,3-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,4-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
Dichlorobromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,1-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,2-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	
1,1-Dichloroethylene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1756 by 271		Batch: V10390	

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ANALYTICAL RESULTS

AIC No. 270763-1 (Continued)

Sample Identification: Bad Boy 1 18-Nov-2022 0918

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 23-Nov-2022 1756 by 271	2.0	ug/l Batch: V10390	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
1,1,2,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Toluene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1756 by 271	5.0	ug/l Batch: V10390	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 23-Nov-2022 1756 by 271	2.0	ug/l Batch: V10390	
Surrogate: 4-Bromofluorobenzene (88.6-106%) EPA 624.1	94.9 Analyzed: 23-Nov-2022 1756 by 271		% Batch: V10390	
Surrogate: Dibromofluoromethane (89.5-112%) EPA 624.1	105 Analyzed: 23-Nov-2022 1756 by 271		% Batch: V10390	
Surrogate: Toluene-D8 (93.2-105%) EPA 624.1	97.0 Analyzed: 23-Nov-2022 1756 by 271		% Batch: V10390	

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ANALYTICAL RESULTS

AIC No. 270763-2

Sample Identification: Bad Boy 2 18-Nov-2022 0932

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1				
Acenaphthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Acenaphthylene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Benzidine EPA 625.1	< 50	50	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Benzo(a)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Benzo(a)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Benzo(g,h,i)perylene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Benzo(k)fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
3,4-Benzofluoranthene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Bis(2-chloroethoxy)methane EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Bis(2-chloroethyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Bis(2-chloroisopropyl)ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Bis(2-ethylhexyl)phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
4-Bromophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Butylbenzyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2-Chloronaphthalene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2-Chlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
4-Chlorophenyl phenyl ether EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Chrysene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Di-n-butyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	

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ANALYTICAL RESULTS

AIC No. 270763-2 (Continued)

Sample Identification: Bad Boy 2 18-Nov-2022 0932

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Di-n-octyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Dibenz(a,h)anthracene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
1,2-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
1,3-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
1,4-Dichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
3,3'-Dichlorobenzidine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,4-Dichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Diethyl phthalate EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Dimethyl phthalate EPA 625.1	< 4.0	4.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,4-Dimethylphenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
4,6-Dinitro-o-cresol EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,4-Dinitrophenol EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,4-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,6-Dinitrotoluene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
1,2-Diphenylhydrazine EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Fluoranthene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Fluorene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Hexachlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Hexachlorobutadiene EPA 625.1	< 2.0	2.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Hexachlorocyclopentadiene EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	

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ANALYTICAL RESULTS

AIC No. 270763-2 (Continued)

Sample Identification: Bad Boy 2 18-Nov-2022 0932

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Hexachloroethane EPA 625.1	< 4.0	4.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Indeno(1,2,3-cd)pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Isophorone EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
n-Nitrosodi-n-propylamine EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
n-Nitrosodimethylamine EPA 625.1	< 10	10	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
n-Nitrosodiphenylamine EPA 625.1	< 10	10	ug/l	R
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Naphthalene EPA 625.1	< 4.0	4.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Nitrobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
4-Nitrophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
p-Chloro-m-cresol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Pentachlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Phenanthrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Phenol EPA 625.1	< 4.0	4.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Pyrene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
1,2,4-Trichlorobenzene EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
2,4,6-Trichlorophenol EPA 625.1	< 5.0	5.0	ug/l	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Surrogate: 2-Fluorobiphenyl (39.1-104%) EPA 625.1	51.2		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Surrogate: 2-Fluorophenol (8.90-98.9%) EPA 625.1	16.9		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Surrogate: Nitrobenzene-D5 (34.7-119%) EPA 625.1	59.5		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	

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ANALYTICAL RESULTS

AIC No. 270763-2 (Continued)

Sample Identification: Bad Boy 2 18-Nov-2022 0932

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625.1 (Continued)				
Surrogate: Terphenyl-D14 (16.2-152%) EPA 625.1	59.9		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Surrogate: 2,4,6-Tribromophenol (2.50-148%) EPA 625.1	49.8		%	
Prep: 23-Nov-2022 1639 by 348	Analyzed: 09-Dec-2022 0028 by 271		Batch: B13025	
Volatile Organic Compounds By EPA 624.1				
Acrolein EPA 624.1	< 20	20	ug/l	P
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Acrylonitrile EPA 624.1	< 10	10	ug/l	P
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Benzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Bromoform EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Carbon tetrachloride EPA 624.1	< 2.0	2.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Chlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Chlorodibromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Chloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
2-Chloroethyl vinyl ether EPA 624.1	< 10	10	ug/l	P
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Chloroform EPA 624.1	< 4.0	4.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,2-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,3-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,4-Dichlorobenzene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
Dichlorobromomethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,1-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,2-Dichloroethane EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	
1,1-Dichloroethylene EPA 624.1	< 5.0	5.0	ug/l	
	Analyzed: 23-Nov-2022 1825 by 271		Batch: V10390	

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ANALYTICAL RESULTS

AIC No. 270763-2 (Continued)

Sample Identification: Bad Boy 2 18-Nov-2022 0932

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624.1 (Continued)				
trans-1,2-Dichloroethylene EPA 624.1	< 2.0 Analyzed: 23-Nov-2022 1825 by 271	2.0	ug/l Batch: V10390	
1,2-Dichloropropane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
cis-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
trans-1,3-Dichloropropylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Ethylbenzene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Methyl bromide(Bromomethane) EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Methyl chloride(Chloromethane) EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Methylene chloride EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
1,1,2,2-Tetrachloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Tetrachloroethylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Toluene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
1,1,1-Trichloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
1,1,2-Trichloroethane EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Trichloroethylene EPA 624.1	< 5.0 Analyzed: 23-Nov-2022 1825 by 271	5.0	ug/l Batch: V10390	
Vinyl chloride EPA 624.1	< 2.0 Analyzed: 23-Nov-2022 1825 by 271	2.0	ug/l Batch: V10390	
Surrogate: 4-Bromofluorobenzene (88.6-106%) EPA 624.1	93.8 Analyzed: 23-Nov-2022 1825 by 271		% Batch: V10390	
Surrogate: Dibromofluoromethane (89.5-112%) EPA 624.1	103 Analyzed: 23-Nov-2022 1825 by 271		% Batch: V10390	
Surrogate: Toluene-D8 (93.2-105%) EPA 624.1	95.5 Analyzed: 23-Nov-2022 1825 by 271		% Batch: V10390	

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds										
Acenaphthene	20 ug/l	67.5	60.0-132			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	67.7	60.0-132	0.301	48.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Acenaphthylene	20 ug/l	66.5	54.0-126			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	67.5	54.0-126	1.53	74.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Anthracene	20 ug/l	68.4	43.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	71.0	43.0-120	3.71	66.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Benzidine	100 ug/l	0.0455	1.00-38.0			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		Q
	100 ug/l	0.0483	1.00-38.0	5.96	47.1	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		Q
Benzo(a)anthracene	20 ug/l	75.6	42.0-133			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	79.3	42.0-133	4.84	53.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Benzo(a)pyrene	20 ug/l	75.5	32.0-148			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	79.2	32.0-148	4.85	72.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Benzo(g,h,i)perylene	20 ug/l	70.0	1.00-195			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	73.0	1.00-195	4.26	97.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Benzo(k)fluoranthene	20 ug/l	72.1	25.0-146			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	73.8	25.0-146	2.38	63.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
3,4-Benzofluoranthene	20 ug/l	79.3	42.0-140			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	82.8	42.0-140	4.27	71.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Bis(2-chloroethoxy)methane	20 ug/l	71.4	49.0-165			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	68.9	49.0-165	3.59	54.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Bis(2-chloroethyl)ether	20 ug/l	65.9	43.0-126			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	68.7	43.0-126	4.13	108	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Bis(2-chloroisopropyl)ether	20 ug/l	73.2	63.0-139			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	75.0	63.0-139	2.40	76.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Bis(2-ethylhexyl)phthalate	20 ug/l	91.4	29.0-137			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	90.9	29.0-137	0.582	82.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
4-Bromophenyl phenyl ether	20 ug/l	69.8	65.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	70.1	65.0-120	0.517	43.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Butylbenzyl phthalate	20 ug/l	84.0	1.00-140			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	82.9	1.00-140	1.32	60.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2-Chloronaphthalene	20 ug/l	65.2	65.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	68.7	65.0-120	5.27	24.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2-Chlorophenol	20 ug/l	66.6	36.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	72.5	36.0-120	8.45	61.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
4-Chlorophenyl phenyl ether	20 ug/l	69.2	38.0-145			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	71.0	38.0-145	2.53	61.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Chrysene	20 ug/l	71.4	44.0-140			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	73.7	44.0-140	3.25	87.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Di-n-butyl phthalate	20 ug/l	78.5	8.00-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	81.0	8.00-120	3.10	47.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Di-n-octyl phthalate	20 ug/l	96.2	19.0-132			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	96.5	19.0-132	0.299	69.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Dibenz(a,h)anthracene	20 ug/l	73.9	1.00-200			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	76.5	1.00-200	3.49	126	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
1,2-Dichlorobenzene	20 ug/l	60.7	52.4-101			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	64.9	52.4-101	6.74	21.1	B13025	23Nov22 1638 by 348	08Dec22 2058 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)										
1,3-Dichlorobenzene	20 ug/l	54.7	55.6-94.0			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		Q
	20 ug/l	59.3	55.6-94.0	8.05	23.3	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
1,4-Dichlorobenzene	20 ug/l	57.4	52.2-96.8			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	60.5	52.2-96.8	5.20	21.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
3,3'-Dichlorobenzidine	20 ug/l	61.5	8.00-213			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	57.4	8.00-213	6.98	108	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4-Dichlorophenol	20 ug/l	76.5	53.0-122			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	78.8	53.0-122	2.95	50.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Diethyl phthalate	20 ug/l	76.1	1.00-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	76.1	1.00-120	0.0446	100	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Dimethyl phthalate	20 ug/l	70.0	1.00-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	74.5	1.00-120	6.21	183	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4-Dimethylphenol	20 ug/l	37.6	42.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		Q
	20 ug/l	51.0	42.0-120	30.1	58.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
4,6-Dinitro-o-cresol	20 ug/l	75.2	53.0-130			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	80.7	53.0-130	7.00	203	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4-Dinitrophenol	20 ug/l	50.4	1.00-173			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	63.3	1.00-173	22.8	132	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4-Dinitrotoluene	20 ug/l	79.8	48.0-127			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	85.1	48.0-127	6.32	42.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,6-Dinitrotoluene	20 ug/l	77.9	68.0-137			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	71.8	68.0-137	8.15	48.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
1,2-Diphenylhydrazine	20 ug/l	65.5	51.8-114			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	66.2	51.8-114	0.990	24.9	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Fluoranthene	20 ug/l	73.4	43.0-121			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	76.2	43.0-121	3.72	66.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Fluorene	20 ug/l	70.2	70.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	70.2	70.0-120	0.0252	38.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Hexachlorobenzene	20 ug/l	71.6	8.00-142			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	69.9	8.00-142	2.32	55.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Hexachlorobutadiene	20 ug/l	57.3	38.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	57.3	38.0-120	0.0706	62.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Hexachlorocyclopentadiene	20 ug/l	57.5	42.4-112			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	58.5	42.4-112	1.58	30.2	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Hexachloroethane	20 ug/l	55.0	55.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	57.8	55.0-120	4.94	52.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Indeno(1,2,3-cd)pyrene	20 ug/l	70.3	1.00-151			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	75.4	1.00-151	7.02	99.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Isophorone	20 ug/l	70.2	47.0-180			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	70.8	47.0-180	0.724	93.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
n-Nitrosodi-n-propylamine	20 ug/l	69.7	14.0-198			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	68.1	14.0-198	2.33	87.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
n-Nitrosodimethylamine	20 ug/l	39.2	31.2-66.8			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	47.9	31.2-66.8	19.8	24.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
n-Nitrosodiphenylamine	20 ug/l	65.5	49.1-111			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	65.2	49.1-111	0.384	59.1	B13025	23Nov22 1638 by 348	08Dec22 2058 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	62.7	36.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	63.9	36.0-120	1.81	65.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Nitrobenzene	20 ug/l	67.0	54.0-158			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	67.6	54.0-158	0.865	62.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2-Nitrophenol	20 ug/l	71.3	45.0-167			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	74.5	45.0-167	4.31	55.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
4-Nitrophenol	20 ug/l	74.8	13.0-129			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	79.7	13.0-129	6.43	131	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
p-Chloro-m-cresol	20 ug/l	72.9	41.0-128			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	73.7	41.0-128	0.990	73.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Pentachlorophenol	20 ug/l	75.7	38.0-152			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	72.3	38.0-152	4.67	86.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Phenanthrene	20 ug/l	72.2	65.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	72.6	65.0-120	0.625	39.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Phenol	20 ug/l	45.0	17.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	47.2	17.0-120	4.84	64.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Pyrene	20 ug/l	70.4	70.0-120			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	70.3	70.0-120	0.240	49.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
1,2,4-Trichlorobenzene	20 ug/l	62.8	57.0-130			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	61.0	57.0-130	2.96	50.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4,6-Trichlorophenol	20 ug/l	73.0	52.0-129			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	77.8	52.0-129	6.46	58.0	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	20 ug/l	65.9	48.5-108			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	66.6	48.5-108	-	-	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2-Fluorophenol	20 ug/l	57.3	32.7-96.3			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	59.5	32.7-96.3	-	-	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Nitrobenzene-D5	20 ug/l	67.3	54.1-111			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	69.5	54.1-111	-	-	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Terphenyl-D14	20 ug/l	73.3	45.7-121			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	73.5	45.7-121	-	-	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
2,4,6-Tribromophenol	20 ug/l	74.8	34.6-125			B13025	23Nov22 1638 by 348	08Dec22 2023 by 271		
	20 ug/l	72.1	34.6-125	-	-	B13025	23Nov22 1638 by 348	08Dec22 2058 by 271		
Volatile Organic Compounds										
Acrolein	250 ug/l	135	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		Q
Acrylonitrile	250 ug/l	98.4	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Benzene	50 ug/l	98.3	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Bromodichloromethane	50 ug/l	99.7	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Bromoform	50 ug/l	103	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Bromomethane	50 ug/l	80.8	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Carbon tetrachloride	50 ug/l	104	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Chlorobenzene	50 ug/l	100	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Chloroethane	50 ug/l	94.4	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
2-Chloroethyl vinyl ether	100 ug/l	74.6	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 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)										
Chloroform	50 ug/l	97.3	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Chloromethane	50 ug/l	86.4	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Dibromochloromethane	50 ug/l	90.9	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,2-Dichlorobenzene	50 ug/l	95.6	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,3-Dichlorobenzene	50 ug/l	97.1	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,4-Dichlorobenzene	50 ug/l	96.6	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,1-Dichloroethane	50 ug/l	98.2	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,2-Dichloroethane	50 ug/l	98.4	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,1-Dichloroethene	50 ug/l	93.5	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
trans-1,2-Dichloroethene	50 ug/l	93.9	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,2-Dichloropropane	50 ug/l	98.6	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
cis-1,3-Dichloropropene	50 ug/l	103	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
trans-1,3-Dichloropropene	50 ug/l	112	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Ethylbenzene	50 ug/l	100	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Methylene chloride	50 ug/l	90.5	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,1,2,2-Tetrachloroethane	50 ug/l	93.3	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Tetrachloroethene	50 ug/l	100	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Toluene	50 ug/l	100	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,1,1-Trichloroethane	50 ug/l	101	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
1,1,2-Trichloroethane	50 ug/l	103	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Trichloroethene	50 ug/l	101	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Vinyl chloride	50 ug/l	95.0	70.0-130			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	10 ug/l	102	85.9-112			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Dibromofluoromethane	10 ug/l	100	30.5-162			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		
Toluene-D8	10 ug/l	101	87.2-112			V10390	23Nov22 1329 by 271	23Nov22 1329 by 271		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds									
Acenaphthene	270755-1	20 ug/l	56.2	47.0-145	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	52.2	47.0-145	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		7.18	48.0	B13025				
Acenaphthylene	270755-1	20 ug/l	58.6	33.0-145	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	53.7	33.0-145	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		8.60	74.0	B13025				
Anthracene	270755-1	20 ug/l	66.3	27.0-133	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	57.4	27.0-133	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		14.1	66.0	B13025				
Benzidine	270755-1	100 ug/l	0.104	1.00-50.6	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	100 ug/l	0.0639	1.00-50.6	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		47.4	47.1	B13025				
Benzo(a)anthracene	270755-1	20 ug/l	79.0	33.0-143	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	69.7	33.0-143	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.5	53.0	B13025				
Benzo(a)pyrene	270755-1	20 ug/l	75.9	17.0-163	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	70.8	17.0-163	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		6.98	72.0	B13025				
Benzo(g,h,i)perylene	270755-1	20 ug/l	72.6	1.00-219	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	64.3	1.00-219	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.1	97.0	B13025				
Benzo(k)fluoranthene	270755-1	20 ug/l	74.8	11.0-162	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	65.3	11.0-162	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		13.6	63.0	B13025				
3,4-Benzofluoranthene	270755-1	20 ug/l	82.0	24.0-159	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	71.6	24.0-159	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		13.6	71.0	B13025				
Bis(2-chloroethoxy)methane	270755-1	20 ug/l	58.8	33.0-184	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	56.4	33.0-184	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		4.18	54.0	B13025				
Bis(2-chloroethyl)ether	270755-1	20 ug/l	56.0	12.0-158	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	52.2	12.0-158	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		6.81	108	B13025				
Bis(2-chloroisopropyl)ether	270755-1	20 ug/l	61.3	36.0-166	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.5	36.0-166	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		4.73	76.0	B13025				
Bis(2-ethylhexyl)phthalate	270755-1	20 ug/l	93.5	8.00-158	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	82.2	8.00-158	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.9	82.0	B13025				
4-Bromophenyl phenyl ether	270755-1	20 ug/l	63.3	53.0-127	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	67.0	53.0-127	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		5.73	43.0	B13025				
Butylbenzyl phthalate	270755-1	20 ug/l	91.8	1.00-152	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	79.0	1.00-152	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		15.1	60.0	B13025				
2-Chloronaphthalene	270755-1	20 ug/l	56.2	60.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	20 ug/l	54.3	60.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		3.42	24.0	B13025				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Chlorophenol	270755-1	20 ug/l	55.6	23.0-134	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	54.2	23.0-134	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		2.44	61.0	B13025				
4-Chlorophenyl phenyl ether	270755-1	20 ug/l	62.5	25.0-158	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	56.1	25.0-158	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		10.8	61.0	B13025				
Chrysene	270755-1	20 ug/l	69.0	17.0-168	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	60.5	17.0-168	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		13.1	87.0	B13025				
Di-n-butyl phthalate	270755-1	20 ug/l	83.2	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	71.3	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		15.4	47.0	B13025				
Di-n-octyl phthalate	270755-1	20 ug/l	103	4.00-146	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	89.6	4.00-146	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		13.8	69.0	B13025				
Dibenz(a,h)anthracene	270755-1	20 ug/l	78.2	1.00-227	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	69.9	1.00-227	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		11.3	126	B13025				
1,2-Dichlorobenzene	270755-1	20 ug/l	52.0	57.2-90.0	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	20 ug/l	50.0	57.2-90.0	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		3.87	21.1	B13025				
1,3-Dichlorobenzene	270755-1	20 ug/l	51.3	54.7-87.1	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	20 ug/l	48.5	54.7-87.1	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		5.66	23.3	B13025				
1,4-Dichlorobenzene	270755-1	20 ug/l	54.0	57.1-86.1	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	20 ug/l	50.7	57.1-86.1	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		6.27	21.0	B13025				
3,3'-Dichlorobenzidine	270755-1	20 ug/l	22.0	1.00-262	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	26.2	1.00-262	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		17.3	108	B13025				
2,4-Dichlorophenol	270755-1	20 ug/l	62.0	39.0-135	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	56.5	39.0-135	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		9.40	50.0	B13025				
Diethyl phthalate	270755-1	20 ug/l	70.7	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	65.4	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		7.75	100	B13025				
Dimethyl phthalate	270755-1	20 ug/l	65.3	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.0	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		11.8	183	B13025				
2,4-Dimethylphenol	270755-1	20 ug/l	24.8	32.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		Q
	270755-1	20 ug/l	28.6	32.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		14.4	58.0	B13025				
4,6-Dinitro-o-cresol	270755-1	20 ug/l	83.0	1.00-181	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	82.5	1.00-181	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		0.614	203	B13025				
2,4-Dinitrophenol	270755-1	20 ug/l	92.1	1.00-191	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	82.0	1.00-191	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		11.6	132	B13025				
2,4-Dinitrotoluene	270755-1	20 ug/l	73.2	39.0-139	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	69.8	39.0-139	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		4.75	42.0	B13025				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
2,6-Dinitrotoluene	270755-1	20 ug/l	66.4	50.0-158	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	59.8	50.0-158	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		10.6	48.0	B13025				
1,2-Diphenylhydrazine	270755-1	20 ug/l	56.4	31.7-136	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	53.2	31.7-136	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		5.70	24.9	B13025				
Fluoranthene	270755-1	20 ug/l	79.1	26.0-137	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	68.0	26.0-137	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		15.0	66.0	B13025				
Fluorene	270755-1	20 ug/l	63.8	59.0-121	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	57.4	59.0-121	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		Q
	Relative Percent Difference:		10.5	38.0	B13025				
Hexachlorobenzene	270755-1	20 ug/l	65.0	1.00-152	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.3	1.00-152	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		10.8	55.0	B13025				
Hexachlorobutadiene	270755-1	20 ug/l	49.3	24.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	44.6	24.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		10.0	62.0	B13025				
Hexachlorocyclopentadiene	270755-1	20 ug/l	51.2	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	46.6	1.00-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		9.34	30.2	B13025				
Hexachloroethane	270755-1	20 ug/l	47.1	40.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	45.4	40.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		3.44	52.0	B13025				
Indeno(1,2,3-cd)pyrene	270755-1	20 ug/l	76.7	1.00-171	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	66.5	1.00-171	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		14.3	99.0	B13025				
Isophorone	270755-1	20 ug/l	57.8	21.0-196	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	57.5	21.0-196	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		0.432	93.0	B13025				
n-Nitrosodi-n-propylamine	270755-1	20 ug/l	60.1	1.00-230	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.9	1.00-230	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		1.99	87.0	B13025				
n-Nitrosodimethylamine	270755-1	20 ug/l	39.4	34.0-57.8	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	40.1	34.0-57.8	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		1.69	24.0	B13025				
n-Nitrosodiphenylamine	270755-1	20 ug/l	63.3	29.4-125	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.0	29.4-125	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		8.70	59.1	B13025				
Naphthalene	270755-1	20 ug/l	52.3	21.0-133	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	51.2	21.0-133	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		2.11	65.0	B13025				
Nitrobenzene	270755-1	20 ug/l	61.3	35.0-180	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	60.7	35.0-180	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		0.994	62.0	B13025				
2-Nitrophenol	270755-1	20 ug/l	57.7	29.0-182	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	53.7	29.0-182	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		7.05	55.0	B13025				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
4-Nitrophenol	270755-1	20 ug/l	73.4	1.00-132	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	64.5	1.00-132	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.9	131	B13025				
p-Chloro-m-cresol	270755-1	20 ug/l	70.5	22.0-147	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	62.3	22.0-147	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.2	73.0	B13025				
Pentachlorophenol	270755-1	20 ug/l	87.6	14.0-176	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	79.9	14.0-176	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		9.08	86.0	B13025				
Phenanthrene	270755-1	20 ug/l	70.0	54.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	61.8	54.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		12.4	39.0	B13025				
Phenol	270755-1	20 ug/l	38.8	5.00-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	36.3	5.00-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		6.47	64.0	B13025				
Pyrene	270755-1	20 ug/l	63.4	52.0-120	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	58.7	52.0-120	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		7.65	49.0	B13025				
1,2,4-Trichlorobenzene	270755-1	20 ug/l	56.5	44.0-142	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	52.2	44.0-142	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		7.94	50.0	B13025				
2,4,6-Trichlorophenol	270755-1	20 ug/l	63.6	37.0-144	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	61.9	37.0-144	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
	Relative Percent Difference:		2.68	58.0	B13025				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	270755-1	20 ug/l	53.5	39.1-104	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	50.8	39.1-104	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
2-Fluorophenol	270755-1	20 ug/l	47.6	8.90-98.9	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	48.1	8.90-98.9	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
Nitrobenzene-D5	270755-1	20 ug/l	70.2	34.7-119	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	67.6	34.7-119	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
Terphenyl-D14	270755-1	20 ug/l	70.4	16.2-152	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	61.5	16.2-152	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
2,4,6-Tribromophenol	270755-1	20 ug/l	71.6	2.50-148	B13025	23Nov22 1638 by 348	08Dec22 2133 by 271		
	270755-1	20 ug/l	64.2	2.50-148	B13025	23Nov22 1638 by 348	08Dec22 2208 by 271		
Volatile Organic Compounds									
Acrolein	270671-1	250 ug/l	123	40.0-160	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	250 ug/l	124	40.0-160	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.621	60.0	V10390				
Acrylonitrile	270671-1	250 ug/l	103	40.0-160	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	250 ug/l	99.5	40.0-160	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		3.48	60.0	V10390				
Benzene	270671-1	50 ug/l	99.7	37.0-151	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	103	37.0-151	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.86	61.0	V10390				
Bromodichloromethane	270671-1	50 ug/l	102	35.0-155	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	104	35.0-155	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.14	56.0	V10390				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Bromoform	270671-1	50 ug/l	107	45.0-169	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	104	45.0-169	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		3.25	42.0	V10390				
Bromomethane	270671-1	50 ug/l	82.4	1.00-242	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	87.7	1.00-242	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		6.27	61.0	V10390				
Carbon tetrachloride	270671-1	50 ug/l	103	70.0-140	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	106	70.0-140	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.23	41.0	V10390				
Chlorobenzene	270671-1	50 ug/l	101	37.0-160	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	102	37.0-160	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.678	53.0	V10390				
Chloroethane	270671-1	50 ug/l	97.7	14.0-230	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	98.2	14.0-230	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.434	78.0	V10390				
2-Chloroethyl vinyl ether	270671-1	100 ug/l	82.5	1.00-305	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	100 ug/l	70.5	1.00-305	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		15.6	71.0	V10390				
Chloroform	270671-1	50 ug/l	99.9	51.0-138	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	101	51.0-138	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.14	54.0	V10390				
Chloromethane	270671-1	50 ug/l	87.1	1.00-273	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	89.6	1.00-273	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.80	60.0	V10390				
Dibromochloromethane	270671-1	50 ug/l	93.9	53.0-149	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	94.2	53.0-149	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.336	50.0	V10390				
1,2-Dichlorobenzene	270671-1	50 ug/l	100	18.0-190	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	101	18.0-190	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.967	57.0	V10390				
1,3-Dichlorobenzene	270671-1	50 ug/l	99.5	59.0-156	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	102	59.0-156	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.45	43.0	V10390				
1,4-Dichlorobenzene	270671-1	50 ug/l	97.4	18.0-190	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	101	18.0-190	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		3.49	57.0	V10390				
1,1-Dichloroethane	270671-1	50 ug/l	100	59.0-155	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	102	59.0-155	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.15	40.0	V10390				
1,2-Dichloroethane	270671-1	50 ug/l	103	49.0-155	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	103	49.0-155	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.266	49.0	V10390				
1,1-Dichloroethene	270671-1	50 ug/l	94.8	1.00-234	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	96.7	1.00-234	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.96	32.0	V10390				
trans-1,2-Dichloroethene	270671-1	50 ug/l	96.4	54.0-156	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	97.5	54.0-156	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.10	45.0	V10390				
1,2-Dichloropropane	270671-1	50 ug/l	99.4	1.00-210	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	102	1.00-210	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.43	55.0	V10390				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
cis-1,3-Dichloropropene	270671-1	50 ug/l	104	1.00-227	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	106	1.00-227	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.50	58.0	V10390				
trans-1,3-Dichloropropene	270671-1	50 ug/l	114	17.0-183	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	114	17.0-183	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.383	86.0	V10390				
Ethylbenzene	270671-1	50 ug/l	102	37.0-162	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	104	37.0-162	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.21	63.0	V10390				
Methylene chloride	270671-1	50 ug/l	92.9	1.00-221	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	92.5	1.00-221	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		0.437	28.0	V10390				
1,1,2,2-Tetrachloroethane	270671-1	50 ug/l	90.5	46.0-157	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	88.3	46.0-157	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.38	61.0	V10390				
Tetrachloroethene	270671-1	50 ug/l	107	64.0-148	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	110	64.0-148	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.46	39.0	V10390				
Toluene	270671-1	50 ug/l	101	47.0-150	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	103	47.0-150	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		2.09	41.0	V10390				
1,1,1-Trichloroethane	270671-1	50 ug/l	103	52.0-162	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	104	52.0-162	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.28	36.0	V10390				
1,1,2-Trichloroethane	270671-1	50 ug/l	107	52.0-150	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	103	52.0-150	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		4.20	45.0	V10390				
Trichloroethene	270671-1	50 ug/l	109	70.0-157	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	113	70.0-157	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		3.44	48.0	V10390				
Vinyl chloride	270671-1	50 ug/l	96.7	1.00-251	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	50 ug/l	98.5	1.00-251	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
	Relative Percent Difference:		1.90	66.0	V10390				
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	270671-1	10 ug/l	102	88.6-106	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	10 ug/l	102	88.6-106	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
Dibromofluoromethane	270671-1	10 ug/l	105	89.5-112	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	10 ug/l	104	89.5-112	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D
Toluene-D8	270671-1	10 ug/l	103	93.2-105	V10390	23Nov22 1557 by 271	23Nov22 1557 by 271	100	D
	270671-1	10 ug/l	101	93.2-105	V10390	23Nov22 1627 by 271	23Nov22 1627 by 271	100	D

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LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Acenaphthene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Acenaphthylene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Anthracene	< 2.7 ug/l	2.7	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Benzidine	< 49 ug/l	49	50	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Benzo(a)anthracene	< 2.6 ug/l	2.6	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Benzo(a)pyrene	< 2.6 ug/l	2.6	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Benzo(g,h,i)perylene	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Benzo(k)fluoranthene	< 3.1 ug/l	3.1	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
3,4-Benzofluoranthene	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Bis(2-chloroethoxy)methane	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Bis(2-chloroethyl)ether	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Bis(2-chloroisopropyl)ether	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Bis(2-ethylhexyl)phthalate	< 3.2 ug/l	3.2	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
4-Bromophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Butylbenzyl phthalate	< 3.1 ug/l	3.1	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2-Chloronaphthalene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2-Chlorophenol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
4-Chlorophenyl phenyl ether	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Chrysene	< 2.8 ug/l	2.8	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Di-n-butyl phthalate	< 2.7 ug/l	2.7	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Di-n-octyl phthalate	< 3.8 ug/l	3.8	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Dibenz(a,h)anthracene	< 4.0 ug/l	4.0	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4-Dichlorophenol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Diethyl phthalate	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Dimethyl phthalate	< 2.0 ug/l	2.0	4.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4-Dimethylphenol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
4,6-Dinitro-o-cresol	< 5.6 ug/l	5.6	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4-Dinitrophenol	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,6-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
1,2-Diphenylhydrazine	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Fluoranthene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Fluorene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Hexachlorobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Hexachlorobutadiene	< 1.7 ug/l	1.7	2.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Hexachlorocyclopentadiene	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Hexachloroethane	< 2.0 ug/l	2.0	4.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Indeno(1,2,3-cd)pyrene	< 4.1 ug/l	4.1	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Isophorone	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
n-Nitrosodi-n-propylamine	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
n-Nitrosodimethylamine	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
n-Nitrosodiphenylamine	< 5.0 ug/l	5.0	10	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	R
Naphthalene	< 2.0 ug/l	2.0	4.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Nitrobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2-Nitrophenol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	

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LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
4-Nitrophenol	< 3.7 ug/l	3.7	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
p-Chloro-m-cresol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Pentachlorophenol	< 3.7 ug/l	3.7	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Phenanthrene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Phenol	< 2.0 ug/l	2.0	4.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Pyrene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
1,2,4-Trichlorobenzene	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4,6-Trichlorophenol	< 2.5 ug/l	2.5	5.0	B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (48.5-108%)	65.6 %			B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2-Fluorophenol (32.7-96.3%)	53.1 %			B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Nitrobenzene-D5 (54.1-111%)	66.1 %			B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Terphenyl-D14 (45.7-121%)	69.2 %			B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
2,4,6-Tribromophenol (34.6-125%)	56.7 %			B13025-1	23Nov22 1638 by 348	08Dec22 1949 by 271	
Volatile Organic Compounds							
Acrolein	< 20 ug/l	20	20	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Acrylonitrile	< 5.6 ug/l	5.6	10	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Benzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Bromoform	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Carbon tetrachloride	< 1.8 ug/l	1.8	2.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Chlorobenzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Chlorodibromomethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Chloroethane	< 2.9 ug/l	2.9	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
2-Chloroethyl vinyl ether	< 5.0 ug/l	5.0	10	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Chloroform	< 2.1 ug/l	2.1	4.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,2-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,3-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,4-Dichlorobenzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Dichlorobromomethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,1-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,2-Dichloroethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,1-Dichloroethylene	< 2.6 ug/l	2.6	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
trans-1,2-Dichloroethylene	< 1.5 ug/l	1.5	2.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,2-Dichloropropane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
cis-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
trans-1,3-Dichloropropylene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Ethylbenzene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Methyl bromide(Bromomethane)	< 2.8 ug/l	2.8	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Methyl chloride(Chloromethane)	< 2.7 ug/l	2.7	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Methylene chloride	< 4.7 ug/l	4.7	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,1,2,2-Tetrachloroethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Tetrachloroethylene	< 2.6 ug/l	2.6	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Toluene	< 3.2 ug/l	3.2	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,1,1-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
1,1,2-Trichloroethane	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Trichloroethylene	< 2.5 ug/l	2.5	5.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Vinyl chloride	< 1.6 ug/l	1.6	2.0	V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (85.9-112%)	90.0 %			V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>LOQ</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Volatile Organic Compounds							
Volatile Organic Compounds Surrogates:							
Dibromofluoromethane (30.5-162%)	104 %			V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	
Toluene-D8 (87.2-112%)	95.0 %			V10390-1	23Nov22 1458 by 271	23Nov22 1458 by 271	

Arkansas Testing Laboratories

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 arkatll@stbcglabal.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: **Bad Boy Mowers #1**

SAMPLE TYPE	SAMPLE MATRIX	SAMPLED BY:			Grab / Comp	CALIBRATION				PRESERVATIVES				
		DATE	TIME	INITIALS		PH / DO #		NP-iced	HCl	NaOH	HNO3			
						Q	L					H = 0.1L	Lr	Half Gal
EFF	W	11-18	9:15		Grab						1-L-G	2-40-G	1-L-P	1-L-P

Comments:

COLLECT:

REC'D INTO THE LAB
 2.9 °C

Relinquished by:	Date/Time	Received by:	Date/Time
<i>JPC</i>	11-18-22	<i>(into the Lab)</i>	11:15
Relinquished by:	Date/Time	Received by:	Date/Time
<i>JPC</i>	11-18-22	<i>Mr. Becker</i>	11:15

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

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: **Bad Boy Mowers #2**

SAMPLE TYPE	SAMPLE MATRIX W=H2O S=SLUDGE D=SOIL C=WELL	DATE	TIME	Grab / Comp	CALIBRATION PH / DO #	PARAMETERS			
						NP-lead	HCl	NaOH	HNO3
						PRESERVATIVES			
						MI-lead	HCl	NaOH	HNO3
EFF	W	11-18	9:32	Grab	7.03	1-L-G	2-40-G	1-L-P	1-L-P

Comments: _____

COLLECT: _____

REC'D INTO THE LAB
 2-9 °C

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

Relinquished by: *RL* Date/Time: 11-18-22 Received by: *[Signature]* Date/Time: 11-18-22

Received by: (into the Lab) *[Signature]* Date/Time: 11-18-22

INTO THE LAB