

Wilson, Tabatha

From: Gilliam, Allen
Sent: Thursday, June 26, 2014 11:10 AM
To: randel.davis@badboymowers.com
Cc: Fuller, Kim; Wilson, Tabatha; bateseville eugene townsley; batesville mike mcdaniel
Subject: AR0020702_Bad Boys ARP001027 June 2014 semi-annual Pretreatment report with ADEQ reply_20140626
Attachments: DOC052714-001.pdf; BAD BOY MOWERS 20140310 AI.PDF; BAD BOY MOWERS 20140310.pdf

Randel,

Bad Boy's June 2014 semi-annual Pretreatment Report (attached) was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically compliant with the Metal Finishing standards in 40 CFR 433.17.

No further action is deemed necessary at this time.

Note: In the future, only the analytical results of the regulated parameters in 40 CFR 433 and toxic organics in 40 CFR 433.11 need to be reported. The following lab's quality assurance/quality control pages ("duplicate results", "control sample results", "spike sample results" and "blank results") are for your review to ensure the analytical results are within EPA approved methods' acceptable QA/QC ranges and valid. These (and other Pretreatment related documents) must be kept in your Pretreatment files for a minimum of three (3) years per 40 CFR 403.12(o)(2).

Thank you for your timely report remaining in compliance with the Federal Pretreatment Regulations.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Eugene Townsley, Batesville Water Utilities Superintendent
Mike McDaniel, Batesville Pretreatment Coordinator

E/NPDES/NPDES/Pretreatment/Reports

From: Randel Davis [<mailto:randel.davis@badboymowers.com>]
Sent: Tuesday, May 27, 2014 10:42 AM
To: Gilliam, Allen
Subject: June report

Here is BadBoys June report

Thanks

Randel

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

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

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Bad Boy INC
102 Industrial DR.
Batesville AR 72501

B. FACILITY & LOCATION ADDRESS

Same as mailing address

AR 00 20702

C. FACILITY CONTACT: Randel Davis TELEPHONE NUMBER: 8706120350 e-mail: Randel.davis@badboymow.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: January TO: JUNE

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

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

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Stage 2+4 arc Rinse
stages in the five stage
cleaning process

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

N/A

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

C. Number of Regular Employees at this Facility

375

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)	7772	13200	
Regulated (Cyanide)			
' 403.6(e) Unregulated'			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	9375	15000	
Total Flow to POTW	17147	28200	*****

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

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

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

B. COMMENTS ON TREATMENT SYSTEM

Stages 1,3,5 Captured and picked up by Wasted 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		2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave		1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<.004	.005	.011	.004	.010	<.003	.064	<.01	BOL
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: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

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

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

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

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

Notary Public in and for _____
County, Arkansas

My commission expires _____.

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

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

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

N/A

(8) GENERAL COMMENTS

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

Randel Davis
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Randel D >
SIGNATURE

Paint SUPERVISOR
OFFICIAL TITLE

5-27-14
DATE SIGNED

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143

(501) 268-6431 f(501) 268-9314

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: March 10, 2014

10:00 AM

Wastewater Analysis

Collection Place: Effluent

Collected By: BET

Parameter	Date / Time Begin	Date / Time End	Results	Unit	Ldg (lbs/dy)	Analyst	% Spike	Rel %	Sample Type	Ref #
Cadmium	03/17 4:17 PM	NA	< 0.004	mg/l	NA	KLB	93.7	0.09	Grab	1
Chromium	03/17 4:17 PM	NA	0.005	mg/l	NA	KLB	98.5	1.12	Grab	1
Copper	03/17 4:17 PM	NA	0.011	mg/l	NA	KLB	97.7	0.45	Grab	1
Lead	03/17 4:17 PM	NA	0.004	mg/l	NA	KLB	101.7	2.56	Grab	1
Nickel	03/17 4:17 PM	NA	0.010	mg/l	NA	KLB	99.4	0.47	Grab	1
Silver	03/17 4:17 PM	NA	< 0.003	mg/l	NA	KLB	104.2	0.97	Grab	1
Zinc	03/17 4:17 PM	NA	0.064	mg/l	NA	KLB	93.5	1.45	Grab	1
pH	03/10 10:01 AM	NA	7.63	S.U.	NA	BET	NA	0.13	GRAB	3
Cyanide, Total	03/18 10:00 AM	NA	< 0.01	mg/l	NA	KLB	106.0	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 3111B
2. See attached American Interplex Report 165660
3. SM 4500 HB
4. SM 4500-CN-E


Neville Adams, Manager




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

This report contains the analytical results and supporting information for the sample submitted on March 13, 2014. 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 Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arkatl@sbcglobal.net

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on March 13, 2014
REF #2311
P.O. No. 2311

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>
176307-1	Sample #1 3-10-14 1000am	10-Mar-2014 1000	

Qualifiers:

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

Case Narrative:

Matrix spike for batch B8847 was not performed on any sample associated with AIC Control No. 176307.

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", 21st edition.
- "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. 176307-1

Sample Identification: Sample #1 3-10-14 1000am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Acenaphthylene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Anthracene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Benzidine EPA 625	< 25 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	25	ug/l Batch: B8847	
Benzo(a)anthracene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Benzo(a)pyrene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Benzo(g,h,i)perylene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Benzo(k)fluoranthene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
3,4-Benzofluoranthene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Bis(2-chloroethoxy)methane EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Bis(2-chloroethyl)ether EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Bis(2-chloroisopropyl)ether EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Bis(2-ethylhexyl)phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
4-Bromophenyl phenyl ether EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Butylbenzyl phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2-Chloronaphthalene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2-Chlorophenol EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
4-Chlorophenyl phenyl ether EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Chrysene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Di-n-butyl phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	

Arkansas Testing Laboratories
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Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 176307-1 (Continued)

Sample Identification: Sample #1 3-10-14 1000am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Di-n-octyl phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Dibenz(a,h)anthracene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
3,3'-Dichlorobenzidine EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2,4-Dichlorophenol EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Diethyl phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Dimethyl phthalate EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2,4-Dimethylphenol EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
4,6-Dinitro-o-cresol EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2,4-Dinitrophenol EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2,4-Dinitrotoluene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
2,6-Dinitrotoluene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
1,2-Diphenylhydrazine EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Fluoranthene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Fluorene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Hexachlorobenzene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Hexachlorobutadiene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Hexachlorocyclopentadiene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Hexachloroethane EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	
Isophorone EPA 625	< 5.0 Prep: 14-Mar-2014 1100 by 306 Analyzed: 14-Mar-2014 2057 by 301	5.0	ug/l Batch: B8847	

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ANALYTICAL RESULTS

AIC No. 176307-1 (Continued)

Sample Identification: Sample #1 3-10-14 1000am

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
n-Nitrosodi-n-propylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
n-Nitrosodimethylamine EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
n-Nitrosodiphenylamine EPA 625	< 5.0	5.0	ug/l	R
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Naphthalene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Nitrobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
2-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
4-Nitrophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
p-Chloro-m-cresol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Phenanthrene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Phenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
1,2,4-Trichlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
2,4,6-Trichlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	58.0		%	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	42.5		%	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	53.5		%	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	51.8		%	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	41.8		%	
Prep: 14-Mar-2014 1100 by 306	Analyzed: 14-Mar-2014 2057 by 301		Batch: B8847	
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 25	25	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 176307-1 (Continued)

Sample Identification: Sample #1 3-10-14 1000am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Acrylonitrile EPA 624	< 25	25	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Benzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Bromoform EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Chlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Chlorodibromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Chloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Chloroform EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,2-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,3-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,4-Dichlorobenzene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
Dichlorobromomethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,1-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,2-Dichloroethane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,1-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
trans-1,2-Dichloroethylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
1,2-Dichloropropane EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
cis-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	
trans-1,3-Dichloropropylene EPA 624	< 5.0	5.0	ug/l	
Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301		Batch: V8472	

Arkansas Testing Laboratories
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ANALYTICAL RESULTS

AIC No. 176307-1 (Continued)

Sample Identification: Sample #1 3-10-14 1000am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Ethylbenzene	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Methyl bromide(Bromomethane)	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Methyl chloride(Chloromethane)	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Methylene chloride	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Tetrachloroethylene	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Toluene	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
1,1,1-Trichloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
1,1,2-Trichloroethane	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Trichloroethylene	< 5.0	5.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Vinyl chloride	< 2.0	2.0	ug/l	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Surrogate: 4-Bromofluorobenzene (75.0-120%)	100		%	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Surrogate: Dibromofluoromethane (85.0-115%)	99.0		%	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	
Surrogate: Toluene-D8 (85.0-120%)	102		%	
EPA 624	Prep: 14-Mar-2014 0951 by 301	Analyzed: 17-Mar-2014 1723 by 301	Batch: V8472	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds								
Acrolein	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Acrylonitrile	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Benzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Bromodichloromethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Bromoform	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Bromomethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Carbon tetrachloride	176241-1	< 0.20 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.20 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Chlorobenzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Chloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
2-Chloroethyl vinyl ether	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	20.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Chloroform	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Chloromethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Dibromochloromethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,2-Dichlorobenzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,3-Dichlorobenzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,4-Dichlorobenzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,1-Dichloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,2-Dichloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
trans-1,2-Dichloroethene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,1-Dichloroethylene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,2-Dichloropropane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
cis-1,3-Dichloropropene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
trans-1,3-Dichloropropene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Ethylbenzene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Methylene chloride	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,1,2,2-Tetrachloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Tetrachloroethylene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Toluene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,1,1-Trichloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
1,1,2-Trichloroethane	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Trichloroethylene	176241-1	< 0.50 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.50 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Vinyl chloride	176241-1	< 0.20 mg/l			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	< 0.20 mg/l	0.00	30.0	14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
4-Bromofluorobenzene (75.0-120%)	176241-1	96.9 %			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	96.3 %			14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Dibromofluoromethane (85.0-115%)	176241-1	98.9 %			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	98.8 %			14Mar14 0951 by 301	14Mar14 2215 by 301	100	D
Toluene-D8 (85.0-120%)	176241-1	100 %			14Mar14 0951 by 301	14Mar14 2135 by 301	100	D
	Batch: V8472 Duplicate	101 %			14Mar14 0951 by 301	14Mar14 2215 by 301	100	D

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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	40 ug/l	58.5	45.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Acenaphthylene	40 ug/l	58.0	50.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Anthracene	40 ug/l	60.5	55.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Benzidine	100 ug/l	2.30	0.00-66.3			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Benzo(a)anthracene	40 ug/l	58.0	55.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Benzo(a)pyrene	40 ug/l	56.5	55.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Benzo(g,h,i)perylene	40 ug/l	61.8	40.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Benzo(k)fluoranthene	40 ug/l	57.8	45.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
3,4-Benzofluoranthene	40 ug/l	56.0	45.0-120			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Bis(2-chloroethoxy)methane	40 ug/l	63.2	45.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Bis(2-chloroethyl)ether	40 ug/l	59.8	35.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	58.2	25.0-130			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	61.2	40.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
4-Bromophenyl phenyl ether	40 ug/l	61.8	50.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Butylbenzyl phthalate	40 ug/l	59.2	45.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2-Chloronaphthalene	40 ug/l	58.0	50.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2-Chlorophenol	40 ug/l	59.0	35.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	56.5	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Chrysene	40 ug/l	58.5	55.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Di-n-butyl phthalate	40 ug/l	60.8	55.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Di-n-octyl phthalate	40 ug/l	56.0	35.0-135			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Dibenz(a,h)anthracene	40 ug/l	59.8	40.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
1,2-Dichlorobenzene	40 ug/l	56.5	35.0-100			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
1,3-Dichlorobenzene	40 ug/l	55.8	30.0-100			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
1,4-Dichlorobenzene	40 ug/l	55.8	30.0-100			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
3,3'-Dichlorobenzidine	40 ug/l	59.0	20.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4-Dichlorophenol	40 ug/l	62.8	50.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Diethyl phthalate	40 ug/l	59.2	40.0-120			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Dimethyl phthalate	40 ug/l	60.8	25.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4-Dimethylphenol	40 ug/l	58.5	30.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
4,6-Dinitro-o-cresol	40 ug/l	51.5	40.0-130			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4-Dinitrophenol	40 ug/l	26.0	15.0-140			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4-Dinitrotoluene	40 ug/l	53.5	50.0-120			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,6-Dinitrotoluene	40 ug/l	59.2	50.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
1,2-Diphenylhydrazine	40 ug/l	61.5	55.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Fluoranthene	40 ug/l	58.2	55.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Fluorene	40 ug/l	57.2	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Hexachlorobenzene	40 ug/l	60.5	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Hexachlorobutadiene	40 ug/l	55.0	25.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Hexachlorocyclopentadiene	40 ug/l	56.0	31.4-95.0			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		

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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)										
Hexachloroethane	40 ug/l	55.8	30.0-100			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	58.5	45.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Isophorone	40 ug/l	60.2	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	64.8	35.0-130			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
n-Nitrosodimethylamine	40 ug/l	45.0	25.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
n-Nitrosodiphenylamine	40 ug/l	61.8	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Naphthalene	40 ug/l	58.8	40.0-100			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Nitrobenzene	40 ug/l	59.5	45.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2-Nitrophenol	40 ug/l	58.2	40.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
4-Nitrophenol	40 ug/l	28.0	0.00-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
p-Chloro-m-cresol	40 ug/l	59.2	45.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Pentachlorophenol	40 ug/l	41.0	40.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Phenanthrene	40 ug/l	60.5	50.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Phenol	40 ug/l	39.0	0.00-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Pyrene	40 ug/l	59.0	50.0-130			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
1,2,4-Trichlorobenzene	40 ug/l	58.2	35.0-105			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4,6-Trichlorophenol	40 ug/l	55.8	50.0-115			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	63.5	50.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2-Fluorophenol	40 ug/l	50.8	20.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Nitrobenzene-D5	40 ug/l	61.8	40.0-110			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Terphenyl-D14	40 ug/l	61.5	50.0-135			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
2,4,6-Tribromophenol	40 ug/l	63.2	40.0-125			B8847	14Mar14 1100 by 306	14Mar14 1601 by 301		
Volatile Organic Compounds										
Acrolein	100 ug/l	98.9	33.0-154			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Acrylonitrile	100 ug/l	101	64.4-133			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Benzene	20 ug/l	87.4	80.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Bromodichloromethane	20 ug/l	86.6	75.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Bromoform	20 ug/l	86.2	70.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Bromomethane	20 ug/l	85.8	30.0-145			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Carbon tetrachloride	20 ug/l	87.8	65.0-140			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Chlorobenzene	20 ug/l	88.8	80.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Chloroethane	20 ug/l	89.7	60.0-135			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
2-Chloroethyl vinyl ether	40 ug/l	85.3	58.9-140			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Chloroform	20 ug/l	87.2	65.0-135			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Chloromethane	20 ug/l	87.0	40.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Dibromochloromethane	20 ug/l	85.7	60.0-135			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,2-Dichlorobenzene	20 ug/l	92.0	70.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,3-Dichlorobenzene	20 ug/l	92.4	75.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
1,4-Dichlorobenzene	20 ug/l	91.4	75.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,1-Dichloroethane	20 ug/l	86.8	70.0-135			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,2-Dichloroethane	20 ug/l	86.1	70.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,1-Dichloroethene	20 ug/l	85.6	70.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
trans-1,2-Dichloroethene	20 ug/l	86.8	60.0-140			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,2-Dichloropropane	20 ug/l	85.2	75.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
cis-1,3-Dichloropropene	20 ug/l	83.4	70.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
trans-1,3-Dichloropropene	20 ug/l	83.8	55.0-140			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Ethylbenzene	20 ug/l	86.6	75.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Methylene chloride	20 ug/l	84.2	55.0-140			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,1,2,2-Tetrachloroethane	20 ug/l	89.1	65.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Tetrachloroethene	20 ug/l	86.9	45.0-150			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Toluene	20 ug/l	88.6	75.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,1,1-Trichloroethane	20 ug/l	83.8	65.0-130			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
1,1,2-Trichloroethane	20 ug/l	87.3	75.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Trichloroethene	20 ug/l	86.8	70.0-125			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Vinyl chloride	20 ug/l	91.0	50.0-145			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	99.0	75.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Dibromofluoromethane	50 ug/l	97.6	85.0-115			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		
Toluene-D8	50 ug/l	99.6	85.0-120			V8472	14Mar14 0951 by 301	14Mar14 1729 by 301		

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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	176241-2	40 ug/l	59.2	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	59.5	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.421	30.0	B8847				
Acenaphthylene	176241-2	40 ug/l	61.0	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	61.8	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.22	30.0	B8847				
Anthracene	176241-2	40 ug/l	63.2	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	65.0	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.73	30.0	B8847				
Benzidine	176241-2	100 ug/l	7.00	0.00-32.6	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	100 ug/l	0.500	0.00-32.6	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		173	172	B8847				
Benzo(a)anthracene	176241-2	40 ug/l	62.5	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.0	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.37	30.0	B8847				
Benzo(a)pyrene	176241-2	40 ug/l	63.5	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.2	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.17	30.0	B8847				
Benzo(g,h,i)perylene	176241-2	40 ug/l	73.8	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	72.5	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.71	30.0	B8847				
Benzo(k)fluoranthene	176241-2	40 ug/l	60.0	45.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.5	45.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.830	30.0	B8847				
3,4-Benzofluoranthene	176241-2	40 ug/l	61.2	45.0-120	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.0	45.0-120	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		4.39	30.0	B8847				
Bis(2-chloroethoxy)methane	176241-2	40 ug/l	66.0	45.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	66.8	45.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.13	30.0	B8847				
Bis(2-chloroethyl)ether	176241-2	40 ug/l	63.8	35.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.5	35.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.393	30.0	B8847				
Bis(2-chloroisopropyl)ether	176241-2	40 ug/l	60.5	25.0-130	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	59.0	25.0-130	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.51	30.0	B8847				
Bis(2-ethylhexyl)phthalate	176241-2	40 ug/l	65.8	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	67.8	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		3.00	30.0	B8847				
4-Bromophenyl phenyl ether	176241-2	40 ug/l	65.2	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	66.0	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.14	30.0	B8847				
Butylbenzyl phthalate	176241-2	40 ug/l	62.8	45.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.2	45.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.36	30.0	B8847				
2-Chloronaphthalene	176241-2	40 ug/l	60.8	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.2	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.826	30.0	B8847				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
2-Chlorophenol	176241-2	40 ug/l	61.0	35.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	61.2	35.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.409	30.0	B8847				
4-Chlorophenyl phenyl ether	176241-2	40 ug/l	58.2	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	58.8	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.855	30.0	B8847				
Chrysene	176241-2	40 ug/l	62.8	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.0	55.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.398	30.0	B8847				
Di-n-butyl phthalate	176241-2	40 ug/l	63.5	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.8	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.393	30.0	B8847				
Di-n-octyl phthalate	176241-2	40 ug/l	60.0	35.0-135	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.5	35.0-135	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		7.23	30.0	B8847				
Dibenz(a,h)anthracene	176241-2	40 ug/l	78.2	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	79.2	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.27	30.0	B8847				
1,2-Dichlorobenzene	176241-2	40 ug/l	60.8	35.0-100	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	59.5	35.0-100	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.08	30.0	B8847				
1,3-Dichlorobenzene	176241-2	40 ug/l	60.2	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.0	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.416	30.0	B8847				
1,4-Dichlorobenzene	176241-2	40 ug/l	60.8	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.2	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.826	30.0	B8847				
3,3'-Dichlorobenzidine	176241-2	40 ug/l	49.8	20.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	40.2	20.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		21.1	30.0	B8847				
2,4-Dichlorophenol	176241-2	40 ug/l	64.2	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	65.0	50.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.16	30.0	B8847				
Diethyl phthalate	176241-2	40 ug/l	60.2	40.0-120	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	61.2	40.0-120	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.65	30.0	B8847				
Dimethyl phthalate	176241-2	40 ug/l	55.5	25.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	54.2	25.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.28	30.0	B8847				
2,4-Dimethylphenol	176241-2	40 ug/l	63.0	30.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	62.8	30.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.398	30.0	B8847				
4,6-Dinitro-o-cresol	176241-2	40 ug/l	56.8	40.0-130	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	56.5	40.0-130	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.442	30.0	B8847				
2,4-Dinitrophenol	176241-2	40 ug/l	46.5	15.0-140	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	47.5	15.0-140	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.13	30.0	B8847				
2,4-Dinitrotoluene	176241-2	40 ug/l	54.8	50.0-120	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	56.5	50.0-120	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		3.15	30.0	B8847				

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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	176241-2	40 ug/l	60.2	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	61.2	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.65	30.0	B8847				
1,2-Diphenylhydrazine	176241-2	40 ug/l	66.8	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	68.5	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.59	30.0	B8847				
Fluoranthene	176241-2	40 ug/l	59.0	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.5	55.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.51	30.0	B8847				
Fluorene	176241-2	40 ug/l	59.0	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	59.5	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.844	30.0	B8847				
Hexachlorobenzene	176241-2	40 ug/l	64.0	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	65.0	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.55	30.0	B8847				
Hexachlorobutadiene	176241-2	40 ug/l	58.8	25.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	59.0	25.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.425	30.0	B8847				
Hexachlorocyclopentadiene	176241-2	40 ug/l	55.8	10.5-102	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	53.5	10.5-102	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		4.12	41.5	B8847				
Hexachloroethane	176241-2	40 ug/l	60.5	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.0	30.0-100	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.830	30.0	B8847				
Indeno(1,2,3-cd)pyrene	176241-2	40 ug/l	69.5	45.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	70.2	45.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.07	30.0	B8847				
Isophorone	176241-2	40 ug/l	62.5	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	62.5	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.00	30.0	B8847				
n-Nitrosodi-n-propylamine	176241-2	40 ug/l	70.8	35.0-130	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	72.0	35.0-130	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.75	30.0	B8847				
n-Nitrosodimethylamine	176241-2	40 ug/l	48.2	25.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	49.2	25.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.05	30.0	B8847				
n-Nitrosodiphenylamine	176241-2	40 ug/l	66.5	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	67.8	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.86	30.0	B8847				
Naphthalene	176241-2	40 ug/l	63.5	40.0-100	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	62.8	40.0-100	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.19	30.0	B8847				
Nitrobenzene	176241-2	40 ug/l	63.8	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.8	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.00	30.0	B8847				
2-Nitrophenol	176241-2	40 ug/l	63.2	40.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.5	40.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		0.394	30.0	B8847				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
4-Nitrophenol	176241-2	40 ug/l	34.5	0.00-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	37.2	0.00-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		7.67	30.0	B8847				
p-Chloro-m-cresol	176241-2	40 ug/l	61.8	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	63.0	45.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.00	30.0	B8847				
Pentachlorophenol	176241-2	40 ug/l	64.5	40.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	68.2	40.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		5.65	30.0	B8847				
Phenanthrene	176241-2	40 ug/l	63.8	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	65.0	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.94	30.0	B8847				
Phenol	176241-2	40 ug/l	42.8	0.00-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	44.5	0.00-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		4.01	30.0	B8847				
Pyrene	176241-2	40 ug/l	62.0	50.0-130	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	64.8	50.0-130	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		4.34	30.0	B8847				
1,2,4-Trichlorobenzene	176241-2	40 ug/l	62.0	35.0-105	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.5	35.0-105	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		2.45	30.0	B8847				
2,4,6-Trichlorophenol	176241-2	40 ug/l	59.2	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301	10	D
	176241-2	40 ug/l	60.2	50.0-115	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301	10	D
	Relative Percent Difference:		1.67	30.0	B8847				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	176241-2	40 ug/l	64.0	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301		
	176241-2	40 ug/l	64.0	50.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301		
2-Fluorophenol	176241-2	40 ug/l	51.0	20.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301		
	176241-2	40 ug/l	52.2	20.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301		
Nitrobenzene-D5	176241-2	40 ug/l	62.2	40.0-110	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301		
	176241-2	40 ug/l	63.0	40.0-110	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301		
Terphenyl-D14	176241-2	40 ug/l	61.0	50.0-135	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301		
	176241-2	40 ug/l	63.5	50.0-135	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301		
2,4,6-Tribromophenol	176241-2	40 ug/l	64.5	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1638 by 301		
	176241-2	40 ug/l	67.5	40.0-125	B8847	14Mar14 1100 by 306	14Mar14 1716 by 301		
Volatile Organic Compounds									
Acrolein	176241-1	100 ug/l	94.0	25.8-152	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Acrylonitrile	176241-1	100 ug/l	100	32.4-149	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Benzene	176241-1	20 ug/l	105	80.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Bromodichloromethane	176241-1	20 ug/l	106	75.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Bromoform	176241-1	20 ug/l	105	70.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Bromomethane	176241-1	20 ug/l	101	30.0-145	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Carbon tetrachloride	176241-1	20 ug/l	106	65.0-140	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Chlorobenzene	176241-1	20 ug/l	107	80.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Chloroethane	176241-1	20 ug/l	108	60.0-135	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
2-Chloroethyl vinyl ether	176241-1	40 ug/l	106	58.2-122	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Chloroform	176241-1	20 ug/l	104	65.0-135	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
Chloromethane	176241-1	20 ug/l	105	40.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Dibromochloromethane	176241-1	20 ug/l	104	60.0-135	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,2-Dichlorobenzene	176241-1	20 ug/l	110	70.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,3-Dichlorobenzene	176241-1	20 ug/l	109	75.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,4-Dichlorobenzene	176241-1	20 ug/l	109	75.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,1-Dichloroethane	176241-1	20 ug/l	105	70.0-135	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,2-Dichloroethane	176241-1	20 ug/l	106	70.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,1-Dichloroethene	176241-1	20 ug/l	106	70.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
trans-1,2-Dichloroethene	176241-1	20 ug/l	106	60.0-140	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,2-Dichloropropane	176241-1	20 ug/l	103	75.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
cis-1,3-Dichloropropene	176241-1	20 ug/l	102	70.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
trans-1,3-Dichloropropene	176241-1	20 ug/l	103	55.0-140	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Ethylbenzene	176241-1	20 ug/l	105	75.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Methylene chloride	176241-1	20 ug/l	103	55.0-140	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,1,2,2-Tetrachloroethane	176241-1	20 ug/l	110	65.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Tetrachloroethene	176241-1	20 ug/l	104	45.0-150	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Toluene	176241-1	20 ug/l	105	75.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,1,1-Trichloroethane	176241-1	20 ug/l	102	65.0-130	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
1,1,2-Trichloroethane	176241-1	20 ug/l	107	75.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Trichloroethene	176241-1	20 ug/l	104	70.0-125	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Vinyl chloride	176241-1	20 ug/l	112	50.0-145	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	176241-1	50 ug/l	99.9	75.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Dibromofluoromethane	176241-1	50 ug/l	100	85.0-115	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D
Toluene-D8	176241-1	50 ug/l	99.7	85.0-120	V8472	14Mar14 0951 by 301	14Mar14 1811 by 301	100	D

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Acenaphthene	< 0.83 ug/l	0.83	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Acenaphthylene	< 0.79 ug/l	0.79	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Anthracene	< 1.5 ug/l	1.5	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Benzidine	< 14 ug/l	14	25	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Benzo(a)anthracene	< 0.75 ug/l	0.75	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Benzo(a)pyrene	< 0.63 ug/l	0.63	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Benzo(g,h,i)perylene	< 0.79 ug/l	0.79	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Benzo(k)fluoranthene	< 1.6 ug/l	1.6	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
3,4-Benzofluoranthene	< 1.4 ug/l	1.4	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Bis(2-chloroethoxy)methane	< 0.80 ug/l	0.80	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Bis(2-chloroethyl)ether	< 0.88 ug/l	0.88	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Bis(2-chloroisopropyl)ether	< 0.94 ug/l	0.94	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Bis(2-ethylhexyl)phthalate	< 3.8 ug/l	3.8	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
4-Bromophenyl phenyl ether	< 1.2 ug/l	1.2	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Butylbenzyl phthalate	< 1.5 ug/l	1.5	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2-Chloronaphthalene	< 0.84 ug/l	0.84	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2-Chlorophenol	< 2.1 ug/l	2.1	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
4-Chlorophenyl phenyl ether	< 0.96 ug/l	0.96	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Chrysene	< 0.83 ug/l	0.83	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Di-n-butyl phthalate	< 1.1 ug/l	1.1	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Di-n-octyl phthalate	< 0.70 ug/l	0.70	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Dibenz(a,h)anthracene	< 1.2 ug/l	1.2	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
3,3'-Dichlorobenzidine	< 4.9 ug/l	4.9	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4-Dichlorophenol	< 0.51 ug/l	0.51	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Diethyl phthalate	< 0.85 ug/l	0.85	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Dimethyl phthalate	< 0.93 ug/l	0.93	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4-Dimethylphenol	< 0.79 ug/l	0.79	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
4,6-Dinitro-o-cresol	< 0.75 ug/l	0.75	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4-Dinitrophenol	< 0.74 ug/l	0.74	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4-Dinitrotoluene	< 0.51 ug/l	0.51	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,6-Dinitrotoluene	< 0.83 ug/l	0.83	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
1,2-Diphenylhydrazine	< 0.60 ug/l	0.60	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Fluoranthene	< 0.96 ug/l	0.96	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Fluorene	< 0.99 ug/l	0.99	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Hexachlorobenzene	< 1.1 ug/l	1.1	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Hexachlorobutadiene	< 0.71 ug/l	0.71	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Hexachlorocyclopentadiene	< 0.74 ug/l	0.74	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Hexachloroethane	< 0.73 ug/l	0.73	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Indeno(1,2,3-cd)pyrene	< 1.2 ug/l	1.2	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Isophorone	< 0.90 ug/l	0.90	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
n-Nitrosodi-n-propylamine	< 0.90 ug/l	0.90	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
n-Nitrosodimethylamine	< 2.5 ug/l	2.5	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
n-Nitrosodiphenylamine	< 1.1 ug/l	1.1	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	R
Naphthalene	< 0.87 ug/l	0.87	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Nitrobenzene	< 0.85 ug/l	0.85	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2-Nitrophenol	< 0.82 ug/l	0.82	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
4-Nitrophenol	< 0.70 ug/l	0.70	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
p-Chloro-m-cresol	< 1.7 ug/l	1.7	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Pentachlorophenol	< 1.2 ug/l	1.2	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	

Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Phenanthrene	< 0.93 ug/l	0.93	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Phenol	< 2.6 ug/l	2.6	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Pyrene	< 0.56 ug/l	0.56	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
1,2,4-Trichlorobenzene	< 0.87 ug/l	0.87	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4,6-Trichlorophenol	< 1.4 ug/l	1.4	5.0	B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	57.5 %			B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2-Fluorophenol (20.0-110%)	45.2 %			B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Nitrobenzene-D5 (40.0-110%)	59.0 %			B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Terphenyl-D14 (50.0-135%)	60.2 %			B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
2,4,6-Tribromophenol (40.0-125%)	42.5 %			B8847-1	14Mar14 1100 by 306	14Mar14 1524 by 301	
Volatile Organic Compounds							
Acrolein	< 0.78 ug/l	0.78	25	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Acrylonitrile	< 0.63 ug/l	0.63	25	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Benzene	< 0.12 ug/l	0.12	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Bromoform	< 0.26 ug/l	0.26	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Carbon tetrachloride	< 0.21 ug/l	0.21	2.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Chlorobenzene	< 0.11 ug/l	0.11	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Chlorodibromomethane	< 0.11 ug/l	0.11	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Chloroethane	< 0.35 ug/l	0.35	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
2-Chloroethyl vinyl ether	< 0.24 ug/l	0.24	10	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Chloroform	< 0.16 ug/l	0.16	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,2-Dichlorobenzene	< 0.17 ug/l	0.17	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,3-Dichlorobenzene	< 0.14 ug/l	0.14	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,4-Dichlorobenzene	< 0.19 ug/l	0.19	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Dichlorobromomethane	< 0.17 ug/l	0.17	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,1-Dichloroethane	< 0.15 ug/l	0.15	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,2-Dichloroethane	< 0.21 ug/l	0.21	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,1-Dichloroethylene	< 0.24 ug/l	0.24	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
trans-1,2-Dichloroethylene	< 0.20 ug/l	0.20	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,2-Dichloropropane	< 0.19 ug/l	0.19	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
cis-1,3-Dichloropropylene	< 0.14 ug/l	0.14	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
trans-1,3-Dichloropropylene	< 0.20 ug/l	0.20	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Ethylbenzene	< 0.12 ug/l	0.12	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Methyl bromide(Bromomethane)	< 0.16 ug/l	0.16	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Methyl chloride(Chloromethane)	< 0.19 ug/l	0.19	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Methylene chloride	< 0.25 ug/l	0.25	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,1,2,2-Tetrachloroethane	< 0.20 ug/l	0.20	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Tetrachloroethylene	< 0.18 ug/l	0.18	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Toluene	< 0.16 ug/l	0.16	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,1,1-Trichloroethane	< 0.13 ug/l	0.13	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
1,1,2-Trichloroethane	< 0.19 ug/l	0.19	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Trichloroethylene	< 0.22 ug/l	0.22	5.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Vinyl chloride	< 0.47 ug/l	0.47	2.0	V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	96.2 %			V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Dibromofluoromethane (85.0-115%)	98.8 %			V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	
Toluene-D8 (85.0-120%)	101 %			V8472-1	14Mar14 0951 by 301	14Mar14 1934 by 301	

176307

Arkansas Testing Laboratories

3301 Langley Drive
Searcy, AR 72143
Off 501-268-6431
Fax 501-268-9314

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

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

CLIENT: ARKANSAS TESTING LAB				PO #	PARAMETERS			
SAMPLE ID EFF INF CLAR POND BACKWASH	SAMPLE MATRIX W=H2O S=SLUDG D=SOIL C=WELL	SAMPLED BY: BET		REF #	PRESERVATIVES			
		DATE	Time		NP-Ferd	HCl		
Sample #1	W	3-10-14	10 ⁰⁰ AM	72311	Semi-Vol	Volatiles		
					1-L-G	2-40-G		
# = number of bottles				Q, L, H = Quart, Liter, Half Gallon	P, G = Plastic, Glass			
Relinquished by:		Date/Time		Received by:		Date/Time		
[Signature]		3-13-14 4:30 PM		Eyre Hopton		3-13-14		1630
Relinquished by:		Date/Time		Received by:		Date/Time		

4.90C