Springdale Water Utilities

526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 (479) 751-5751

Enforcement Branch
Arkansas Dept. of Environmental Quality
5301 Northshore Dr.
North Little Rock, AR 72118-5317

RE: NPDES Permit No. AR0022063
AFIN #72-00003
Springdale, AR

October 14, 2016

Dear Sir or Madame:

Enclosed please find the results of third quarter Table II and Table III analyses conducted on Springdale Water Utilities' wastewater treatment facility influent, effluent, and biosolids (Belt Press Influent) for 2016. These analyses are required by our NPDES Permit.

Please feel free to call Ms. Jennifer Enos at (479)756-3657 if you have any questions concerning these analyses.

Sincerely yours,

Heath A. Ward
Executive Director

JEE/jee
Enclosures
Cc: Jennifer Enos, SWU
File

Springdale Water Utilities

Springdale, Arkansas

System Overflow Report for September 2016

This report submitted to Arkansas Department of Environmental Quality in compliance with Permit Number AR0022063 AFIN: 72-00003

Date	Time	Duration	Address	Est. Vol.	Cause of overflow	Remedial Action	Environmental Impact	Discharge Location
09/05/2016	12:41 pm-1:15 pm	34 min.	1107 Thomas Blvd. Springdale, AR 72762	15 gal	Grease	Jet-Vac	None	Soaked into the ground.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that all 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 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."

Signature Keith A. Ward **Date** 10/13/2016

Mercury One LTD

Mercury Analysis

Analytical Report **Report #: 15-0927springdale ar**

EPA Method 1631E **Page 1 of 1**

Customer Name: Springdale Water Utlilities **9/27/15**

P.O. Box 769

Springdale, AR 72765-0769

Attention:

Project/PO# **swu01**

Lab /(Field ID) or (Customer ID)	Results ng/L	Results ng/L	Results ng/L	Results ng/L	Mercury One ID:
Influent (Compsite Samples 1-4)	**95.2**				150923-14
Effluent (Composite Samples 1-4)		**7.75**			150923-15
Field Blank			**<0.5**		150923-16
Sample Type	Influent	Effluent	Field Blank		
Date Sampled:	9/14-15/15	9/17-18/15	9/17/15		
Date Received:	9/23/15	9/23/15	9/23/15		
Date Prepared:	9/23/15	9/23/15	9/23/15		
Date Analyzed:	9/25/15	9/25/15	9/25/15		
	11:06	8:44	8:56		
Dilution Factor					
					QCS/MS/MSD
Method Detection Limit	0.2ng/L				**Acceptable Range**
QCS (Quality Control Standard)	89%				71-125%
Method Blank Result	<0.2	Method Blank Requirement			<0.2

M= Modified: See Below for Explanation

Dilution Factors are calculated into the results.

Method Reporting Limit 0.5ng/L RPD Acceptable Range <20%

Matrix Spike/ Matrix Spike Duplicate Recoveries MS/MSD Acceptable Range 71-125%

Mercury One Sample ID	**% MS Recovery**	**% MSD Recovery**	**RPD**

Kentucky Cert# 98034

Arkansas Cert# 88-0911

West Virginia Cert # 348

The results are related only to the samples presented on this report.

The test results are certified to meet all requirements of the certifying authority

Other Codes

J* = Estimated result ,

*** A value found between the Reporting Limit and the Method Detection Limit is considered estimated or the sample was not received in proper condition as required by the method.**

R* = Rejected, Sample may not have met Method or sampling requirements.

William W. Purves

Rev 4 6/23/11

Phone: 330-963-0843 2241 Pinnacle Parkway, Suite B, Twinsburg, OH 44087 Fax: 330-963-1016

Chain of Custody

Mercury One Ltd.
2241 Pinnacle Parkway, Suite B
Twinsburg, OH 44087

Phone: 330-963-0843
Fax: 330-963-1016
E-Mail: customerservice@mercuryoneltd.com

Method 1631 Mercury

Other:

ATTN:

Client: SPRINGDALE WATER UTILITIES

Address:

City: **State:** **Zip:**

Phone: **Fax:** **E-Mail:** bstewart@springdalewater.com

Sampled By: LABORATORY STAFF

Collection Date	Time	Sample Matrix	Comp/ Grab	Sample Description/Comments	Mercury One Lab ID
09/14/15	0900	WATER	G	INFLUENT	
09/14/15	1200	WATER	G	INFLUENT	150923-14a,b,c&d
09/14/15	1600	WATER	G	INFLUENT	
09/15/15	0900	WATER	G	INFLUENT	
09/17/15	0800	WATER	G	EFFLUENT	
09/17/15	1200	WATER	G	EFFLUENT	150923-15a,b,c&d
09/17/15	1600	WATER	G	EFFLUENT	
09/18/15	0900	WATER	G	EFFLUENT	
09/17/15	1200	WATER	G	FIELD BLANK	150923-16

Relinquished By: **Date:** 9/21/15 **Time:** 1400

Received By: M. Shoemaker **Date:** 9/23/15 **Time:** 1305

Relinquished By: **Date:** **Time:**

Received By: **Date:** **Time:**

Use multiple lines for description if necessary.

Temp

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for the sample submitted on September 22, 2016. 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: Springdale Water Utilities
ATTN: Mr. Brad Stewart
bstewart@springdalewater.com

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:
One (1) sludge sample(s) (AIC Contol No. 205655) Resubmitted September 22, 2016
Table II P.P.
P.O. No. 0019302

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

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

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
205792-1	Belt Press Inf	15-Sep-2016 0910	

Case Narrative:
Analysis of soils/sludges are reported on a dry-weight basis unless otherwise specified.

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).

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205792-1
Sample Identification: Belt Press Inf 15-Sep-2016 0910

Analyte		Result	RL	Units	Qualifier
Polychlorinated Biphenyls (PCBs) By EPA 3550C, 8082A					
PCB 1016		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1221		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1232		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1242		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1248		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1254		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
PCB 1260		**< 0.29**	0.29	**mg/Kg**	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	
Surrogate: Decachlorobiphenyl (48.8-183%)		62.6		%	
EPA 3550C, 8082A	Prep: 26-Sep-2016 1039 by 306	Analyzed: 27-Sep-2016 1517 by 306		Batch: G10602	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Polychlorinated Biphenyls (PCBs)								
PCB 1016	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1221	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1232	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1242	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1248	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1254	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	20.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
PCB 1260	205792-1	< 0.29 mg/Kg			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	< 0.29 mg/Kg	0.00	30.0	26Sep16 1039 by 306	27Sep16 1502 by 306		
Decachlorobiphenyl (48.8-183%)	205792-1	62.6 %			26Sep16 1039 by 306	27Sep16 1517 by 306		
Batch: G10602	Duplicate	73.4 %			26Sep16 1039 by 306	27Sep16 1502 by 306		

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Polychlorinated Biphenyls (PCBs)										
PCB 1254	0.167 mg/Kg	65.8	50.0-130			G10602	26Sep16 1039 by 306	27Sep16 1432 by 306		
Polychlorinated Biphenyls (PCBs) Surrogates:										
Decachlorobiphenyl	50.0 ug/Kg	61.0	31.1-129			G10602	26Sep16 1039 by 306	27Sep16 1432 by 306		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Polychlorinated Biphenyls (PCBs)									
PCB 1254	205792-1	0.1667 mg/Kg	52.0	31.6-119	G10602	26Sep16 1039 by 306	27Sep16 1447 by 306		
Polychlorinated Biphenyls (PCBs) Surrogates:									
Decachlorobiphenyl	205792-1	50 ug/Kg	79.2	48.8-183	G10602	26Sep16 1039 by 306	27Sep16 1447 by 306		

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Polychlorinated Biphenyls (PCBs)							
PCB 1016	< 0.0025 mg/Kg	0.0025	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1221	< 0.059 mg/Kg	0.059	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1232	< 0.0052 mg/Kg	0.0052	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1242	< 0.0050 mg/Kg	0.0050	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1248	< 0.0032 mg/Kg	0.0032	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1254	< 0.0026 mg/Kg	0.0026	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
PCB 1260	< 0.0052 mg/Kg	0.0052	0.013	G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	
Polychlorinated Biphenyls (PCBs) Surrogates:							
Decachlorobiphenyl (31.1-129%)	68.0 %			G10602-1	26Sep16 1039 by 306	27Sep16 1417 by 306	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: Springdale Water Utilities
Project Reference: Table II TP
Project Manager: Brad Stewart
Sampled By: Brad Stewart (BJS)
PO No. 0019303

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	MATRIX WATER	MATRIX SOIL	NO OF BOTTLES	ANALYSES REQUESTED: Table II TP
1	Bell Prog Int	9/15/16/0910	X		X		1	X
		Container Type					G	
		Preservative					NO	

AIC CONTROL NO: 205655/205792
AIC PROPOSAL NO:
Carrier: Fed-X
Received Temperature C: 0.1°C
Remarks
Field pH calibration on ____ @ ____
Buffer:

G = Glass, P = Plastic, V = VOA vials, H = HCl to pH2, T = Sodium Thiosulfate
NO = none, S = Sulfuric acid pH2, N = Nitric acid pH2, B = NaOH to pH12, Z = Zinc acetate, A=$(NH_4)_2SO_4$, NH_4OH

Turnaround Time Requested: (Please circle)
(NORMAL) or EXPEDITED IN ____ DAYS
Expedited results requested by: ____
Who should AIC contact with questions: Brad Stewart
Phone: 479-756-76[illegible] Fax:
Report Attention to:
Report Address to:
Email Address:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/15/16/0930		
Relinquished By:	Date/Time	Received in Lab By: [signature]	Date/Time 9-16-16 1015

Comments:

9/2014

FORM 0060

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for the sample submitted on September 16, 2016. 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: Springdale Water Utilities
ATTN: Mr. Brad Stewart
bstewart@springdalewater.com

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:
One (1) sludge sample(s) received on September 16, 2016
Table II PP
P.O. No. 0019302

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

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

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
205655-1	Belt Press Inf	15-Sep-2016 0910	

Qualifiers:
R n-Nitrosodiphenylamine cannot be separated from diphenylamine

Case Narrative:
Elevated reporting limits for Volatile Compounds are due to matrix interference.

Analysis of soils/sludges are reported on a dry-weight basis unless specified.

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).

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205655-1
Sample Identification: Belt Press Inf 15-Sep-2016 0910

Analyte		Result	RL	Units	Qualifier
Total Solids		**4.6**	0.01	**wt %**	
SM 2540 G 1997	Prep: 19-Sep-2016 0830 by 100	Analyzed: 20-Sep-2016 1104 by 100		Batch: W57204	
Base/Neutral and Acid Compounds By EPA 3550C, 8270D					
3 & 4-Methylphenol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Acenaphthene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Acenaphthylene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Anthracene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzo(a)anthracene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzo(a)pyrene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzo(b)fluoranthene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzo(g,h,i)perylene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzo(k)fluoranthene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzoic acid		**< 36000**	36000	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Benzyl alcohol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
bis(2-Chloroethoxy)Methane		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
bis(2-Chloroethyl)Ether		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
bis(2-Chloroisopropyl)Ether		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
bis(2-Ethylhexyl)Phthalate		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Bromophenyl phenyl ether		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Butyl benzyl phthalate		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Chloro-3-methylphenol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Chloroaniline		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205655-1 (Continued)
Sample Identification: Belt Press Inf 15-Sep-2016 0910

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 3550C, 8270D (Continued)				
2-Chloronaphthalene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2-Chlorophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Chlorophenyl phenyl ether	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Chrysene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Di-n-butyl phthalate	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Di-n-octyl phthalate	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Dibenz(a,h)anthracene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Dibenzofuran	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
1,2-Dichlorobenzene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
1,3-Dichlorobenzene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
1,4-Dichlorobenzene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
3,3'-Dichlorobenzidine	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4-Dichlorophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Diethyl phthalate	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Dimethyl phthalate	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4-Dimethylphenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4,6-Dinitro-2-methylphenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4-Dinitrophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4-Dinitrotoluene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,6-Dinitrotoluene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	

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AIC No. 205655-1 (Continued)
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Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 3550C, 8270D (Continued)				
Fluoranthene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Fluorene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Hexachlorobenzene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Hexachlorobutadiene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Hexachlorocyclopentadiene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Hexachloroethane	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Indeno(1,2,3-cd)pyrene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Isophorone	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2-Methylnaphthalene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2-Methylphenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
N-Nitroso-di-n-propylamine	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
n-Nitrosodiphenylamine	**< 7100**	7100	**ug/Kg**	R
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Naphthalene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2-Nitroaniline	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
3-Nitroaniline	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Nitroaniline	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Nitrobenzene	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2-Nitrophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
4-Nitrophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Pentachlorophenol	**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	

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Analyte		Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 3550C, 8270D (Continued)					
Phenanthrene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Phenol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Pyrene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
1,2,4-Trichlorobenzene		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4,5-Trichlorophenol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
2,4,6-Trichlorophenol		**< 7100**	7100	**ug/Kg**	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Surrogate: 2-Fluorobiphenyl (45.0-105%)		82.1		%	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Surrogate: 2-Fluorophenol (35.0-105%)		73.6		%	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Surrogate: Nitrobenzene-D5 (35.0-100%)		66.6		%	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Surrogate: Terphenyl-D14 (30.0-125%)		89.5		%	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Surrogate: 2,4,6-Tribromophenol (35.0-125%)		66.0		%	
EPA 3550C, 8270D	Prep: 19-Sep-2016 1436 by 306	Analyzed: 20-Sep-2016 1348 by 306		Batch: B10169	
Volatile Organic Compounds By EPA 5035, 8260C					
Acetone		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Benzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Bromobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Bromochloromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Bromodichloromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Bromoform		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Bromomethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
2-Butanone		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	

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Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5035, 8260C (Continued)					
Carbon disulfide		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Carbon Tetrachloride		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Chlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Chloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
2-Chloroethyl vinyl ether		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Chloroform		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Chloromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
2-Chlorotoluene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
4-Chlorotoluene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2-Dibromo-3-chloropropane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Dibromochloromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2-Dibromoethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Dibromomethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2-Dichlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,3-Dichlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,4-Dichlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Dichlorodifluoromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1-Dichloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2-Dichloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1-Dichloroethene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	

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AIC No. 205655-1 (Continued)
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Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5035, 8260C (Continued)					
cis-1,2-Dichloroethene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
trans-1,2-Dichloroethene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2-Dichloropropane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,3-Dichloropropane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
2,2-Dichloropropane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1-Dichloropropene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
cis-1,3-Dichloropropene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
trans-1,3-Dichloropropene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Ethylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Hexachlorobutadiene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
2-Hexanone		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Isopropylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
m&p-Xylenes		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
4-Methyl-2-pentanone		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Methylene chloride		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
n-Butylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
n-Propylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Naphthalene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
o-Xylene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
p-Isopropyltoluene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	

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Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5035, 8260C (Continued)					
sec-Butylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Styrene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
tert-Butylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1,1,2-Tetrachloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1,2,2-Tetrachloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Tetrachloroethene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Toluene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2,3-Trichlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2,4-Trichlorobenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1,1-Trichloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,1,2-Trichloroethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Trichloroethene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Trichlorofluoromethane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2,3-Trichloropropane		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,2,4-Trimethylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
1,3,5-Trimethylbenzene		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Vinyl acetate		**< 10000**	10000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Vinyl chloride		**< 5000**	5000	**ug/Kg**	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Surrogate: 4-Bromofluorobenzene (85.0-120%)		91.7		%	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Surrogate: Dibromofluoromethane (80.0-120%)		103		%	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	

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Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 5035, 8260C (Continued)					
Surrogate: Toluene-D8 (85.0-115%)		97.3		%	
EPA 5035, 8260C	Prep: 19-Sep-2016 0954 by 301	Analyzed: 19-Sep-2016 2007 by 301		Batch: V9043	
Organochlorine Pesticides By EPA 3550C, 8081B					
Aldrin		**< 15**	15	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
alpha-BHC		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
alpha-Endosulfan		**< 15**	15	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
beta-BHC		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
beta-Endosulfan		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Chlordane		**< 150**	150	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
4,4'-DDD		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
4,4'-DDE		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
4,4'-DDT		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
delta-BHC		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Dieldrin		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Endosulfan sulfate		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Endrin		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Endrin aldehyde		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
gamma-BHC		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Heptachlor		**< 15**	15	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Heptachlor epoxide		**< 15**	15	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Methoxychlor		**< 29**	29	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	

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ANALYTICAL RESULTS

AIC No. 205655-1 (Continued)
Sample Identification: Belt Press Inf 15-Sep-2016 0910

Analyte		Result	RL	Units	Qualifier
Organochlorine Pesticides By EPA 3550C, 8081B (Continued)					
Toxaphene		**< 290**	290	**ug/Kg**	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Surrogate: Decachlorobiphenyl (55.0-130%)		103		%	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	
Surrogate: Tetrachloro-m-xylene (70.0-125%)		102		%	
EPA 3550C, 8081B	Prep: 19-Sep-2016 1341 by 306	Analyzed: 20-Sep-2016 1905 by 306		Batch: G10594	

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Total Solids	205657-1	6.0 wt %			19Sep16 0830 by 100	20Sep16 1104 by 100		
Batch: W57204	Duplicate	6.0 wt %	0.569	10.0	19Sep16 0830 by 100	20Sep16 1104 by 100		
Volatile Organic Compounds								
Acetone	205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Benzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Bromobenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Bromochloromethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Bromodichloromethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Bromoform	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Bromomethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
2-Butanone	205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Carbon disulfide	205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Carbon Tetrachloride	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Chlorobenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Chloroethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
2-Chloroethyl vinyl ether	205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Chloroform	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Chloromethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
2-Chlorotoluene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
4-Chlorotoluene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2-Dibromo-3-chloropropane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Dibromochloromethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2-Dibromoethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Dibromomethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2-Dichlorobenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
1,3-Dichlorobenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,4-Dichlorobenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Dichlorodifluoromethane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1-Dichloroethane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2-Dichloroethane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1-Dichloroethene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
cis-1,2-Dichloroethene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
trans-1,2-Dichloroethene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2-Dichloropropane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,3-Dichloropropane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
2,2-Dichloropropane		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1-Dichloropropene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
cis-1,3-Dichloropropene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
trans-1,3-Dichloropropene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Ethylbenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Hexachlorobutadiene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
2-Hexanone		205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Isopropylbenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
m&p-Xylenes		205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
4-Methyl-2-pentanone		205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Methylene chloride		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
n-Butylbenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
n-Propylbenzene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Naphthalene		205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
	Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)								
o-Xylene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
p-Isopropyltoluene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
sec-Butylbenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Styrene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
tert-Butylbenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1,1,2-Tetrachloroethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1,2,2-Tetrachloroethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Tetrachloroethene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Toluene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2,3-Trichlorobenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2,4-Trichlorobenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1,1-Trichloroethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,1,2-Trichloroethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Trichloroethene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Trichlorofluoromethane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2,3-Trichloropropane	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,2,4-Trimethylbenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
1,3,5-Trimethylbenzene	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Vinyl acetate	205655-1	< 10000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 10000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
Vinyl chloride	205655-1	< 5000 ug/Kg			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	< 5000 ug/Kg	0.00	30.0	19Sep16 0955 by 301	19Sep16 2040 by 301		
4-Bromofluorobenzene (85.0-120%)	205655-1	91.7 %			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	93.4 %			19Sep16 0955 by 301	19Sep16 2040 by 301		
Dibromofluoromethane (80.0-120%)	205655-1	103 %			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	94.7 %			19Sep16 0955 by 301	19Sep16 2040 by 301		
Toluene-D8 (85.0-115%)	205655-1	97.3 %			19Sep16 0954 by 301	19Sep16 2007 by 301		
Batch: V9043	Duplicate	98.6 %			19Sep16 0955 by 301	19Sep16 2040 by 301		

AMERICAN INTERPLEX
CORPORATION
LABORATORIES

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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										
3 & 4-Methylphenol	2670 ug/Kg	78.5	40.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Acenaphthene	2670 ug/Kg	66.3	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Acenaphthylene	2670 ug/Kg	72.5	45.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Anthracene	2670 ug/Kg	70.4	55.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzo(a)anthracene	2670 ug/Kg	74.0	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzo(a)pyrene	2670 ug/Kg	75.8	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzo(b)fluoranthene	2670 ug/Kg	75.8	45.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzo(g,h,i)perylene	2670 ug/Kg	66.8	40.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzo(k)fluoranthene	2670 ug/Kg	78.7	45.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzoic acid	6670 ug/Kg	38.3	0.00-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Benzyl alcohol	2670 ug/Kg	74.0	20.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
bis(2-Chloroethoxy)Methane	2670 ug/Kg	64.9	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
bis(2-Chloroethyl)Ether	2670 ug/Kg	76.5	40.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
bis(2-Chloroisopropyl)Ether	2670 ug/Kg	75.4	20.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
bis(2-Ethylhexyl)Phthalate	2670 ug/Kg	74.4	45.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Bromophenyl phenyl ether	2670 ug/Kg	72.6	45.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Butyl benzyl phthalate	2670 ug/Kg	71.5	50.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Chloro-3-methylphenol	2670 ug/Kg	58.2	45.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Chloroaniline	2670 ug/Kg	64.0	10.0-100			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Chloronaphthalene	2670 ug/Kg	67.4	45.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Chlorophenol	2670 ug/Kg	74.0	45.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Chlorophenyl phenyl ether	2670 ug/Kg	69.6	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Chrysene	2670 ug/Kg	70.6	55.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Di-n-butyl phthalate	2670 ug/Kg	77.9	55.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Di-n-octyl phthalate	2670 ug/Kg	68.6	40.0-130			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Dibenz(a,h)anthracene	2670 ug/Kg	61.3	40.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Dibenzofuran	2670 ug/Kg	75.8	50.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
1,2-Dichlorobenzene	2670 ug/Kg	73.8	45.0-100			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
1,3-Dichlorobenzene	2670 ug/Kg	75.4	40.0-100			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
1,4-Dichlorobenzene	2670 ug/Kg	76.1	35.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
3,3'-Dichlorobenzidine	2670 ug/Kg	63.0	10.0-130			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4-Dichlorophenol	2670 ug/Kg	61.5	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Diethyl phthalate	2670 ug/Kg	73.7	50.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Dimethyl phthalate	2670 ug/Kg	73.5	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4-Dimethylphenol	2670 ug/Kg	58.7	30.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4,6-Dinitro-2-methylphenol	2670 ug/Kg	62.3	30.0-135			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4-Dinitrophenol	2670 ug/Kg	50.9	15.0-130			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4-Dinitrotoluene	2670 ug/Kg	65.1	50.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,6-Dinitrotoluene	2670 ug/Kg	66.0	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Fluoranthene	2670 ug/Kg	60.9	55.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		

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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)										
Fluorene	2670 ug/Kg	70.0	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Hexachlorobenzene	2670 ug/Kg	66.0	45.0-120			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Hexachlorobutadiene	2670 ug/Kg	54.9	40.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Hexachlorocyclopentadiene	2670 ug/Kg	62.3	36.3-108			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Hexachloroethane	2670 ug/Kg	65.9	35.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Indeno(1,2,3-cd)pyrene	2670 ug/Kg	60.8	40.0-120			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Isophorone	2670 ug/Kg	58.4	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Methylnaphthalene	2670 ug/Kg	58.4	45.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Methylphenol	2670 ug/Kg	75.8	40.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
N-Nitroso-di-n-propylamine	2670 ug/Kg	71.8	40.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
n-Nitrosodiphenylamine	2670 ug/Kg	78.3	50.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Naphthalene	2670 ug/Kg	65.3	40.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Nitroaniline	2670 ug/Kg	64.4	45.0-120			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
3-Nitroaniline	2670 ug/Kg	55.0	25.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Nitroaniline	2670 ug/Kg	55.0	35.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Nitrobenzene	2670 ug/Kg	63.4	40.0-115			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Nitrophenol	2670 ug/Kg	57.9	40.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
4-Nitrophenol	2670 ug/Kg	51.8	15.0-140			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Pentachlorophenol	2670 ug/Kg	58.0	25.0-120			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Phenanthrene	2670 ug/Kg	71.7	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Phenol	2670 ug/Kg	76.7	40.0-100			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Pyrene	2670 ug/Kg	88.8	45.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
1,2,4-Trichlorobenzene	2670 ug/Kg	59.3	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4,5-Trichlorophenol	2670 ug/Kg	60.7	50.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4,6-Trichlorophenol	2670 ug/Kg	64.6	45.0-110			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	2670 ug/Kg	71.4	45.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2-Fluorophenol	2670 ug/Kg	67.6	35.0-105			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Nitrobenzene-D5	2670 ug/Kg	61.3	35.0-100			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Terphenyl-D14	2670 ug/Kg	81.4	30.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
2,4,6-Tribromophenol	2670 ug/Kg	62.6	35.0-125			B10169	19Sep16 1436 by 306	20Sep16 1209 by 306		
Volatile Organic Compounds										
Acetone	40.0 ug/l	112	20.0-160			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Benzene	20.0 ug/l	92.0	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Bromobenzene	20.0 ug/l	100	65.0-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Bromochloromethane	20.0 ug/l	101	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Bromodichloromethane	20.0 ug/l	102	70.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Bromoform	20.0 ug/l	101	55.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Bromomethane	20.0 ug/l	105	30.0-160			V9043	19Sep16 0955 by 301	19Sep16 1724 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)										
2-Butanone	40.0 ug/l	85.9	30.0-160			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Carbon disulfide	40.0 ug/l	88.8	45.0-160			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Carbon tetrachloride	20.0 ug/l	106	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Chlorobenzene	20.0 ug/l	103	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Chloroethane	20.0 ug/l	94.9	40.0-155			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
2-Chloroethyl vinyl ether	40.0 ug/l	86.9	58.3-136			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Chloroform	20.0 ug/l	97.2	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Chloromethane	20.0 ug/l	89.2	50.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
2-Chlorotoluene	20.0 ug/l	95.8	70.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
4-Chlorotoluene	20.0 ug/l	93.8	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2-Dibromo-3-chloropropane	20.0 ug/l	85.0	40.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Dibromochloromethane	20.0 ug/l	98.3	65.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2-Dibromoethane	20.0 ug/l	105	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Dibromomethane	20.0 ug/l	109	75.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2-Dichlorobenzene	20.0 ug/l	98.5	75.0-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,3-Dichlorobenzene	20.0 ug/l	96.4	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,4-Dichlorobenzene	20.0 ug/l	96.8	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Dichlorodifluoromethane	20.0 ug/l	99.3	35.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1-Dichloroethane	20.0 ug/l	93.8	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2-Dichloroethane	20.0 ug/l	104	70.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1-Dichloroethene	20.0 ug/l	95.6	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
cis-1,2-Dichloroethene	20.0 ug/l	99.2	65.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
trans-1,2-Dichloroethene	20.0 ug/l	95.8	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2-Dichloropropane	20.0 ug/l	92.2	70.0-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,3-Dichloropropane	20.0 ug/l	94.4	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
2,2-Dichloropropane	20.0 ug/l	86.2	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1-Dichloropropene	20.0 ug/l	95.0	70.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
cis-1,3-Dichloropropene	20.0 ug/l	97.0	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
trans-1,3-Dichloropropene	20.0 ug/l	95.4	65.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Ethylbenzene	20.0 ug/l	96.4	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Hexachlorobutadiene	20.0 ug/l	103	55.0-140			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
2-Hexanone	40.0 ug/l	87.2	45.0-145			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Isopropylbenzene	20.0 ug/l	101	75.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
m&p-Xylenes	40.0 ug/l	98.9	80.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
4-Methyl-2-pentanone	40.0 ug/l	94.2	45.0-145			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Methylene chloride	20.0 ug/l	98.6	55.0-140			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
n-Butylbenzene	20.0 ug/l	94.1	65.0-140			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
n-Propylbenzene	20.0 ug/l	102	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Naphthalene	20.0 ug/l	82.6	40.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
o-Xylene	20.0 ug/l	98.8	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 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)										
p-Isopropyltoluene	20.0 ug/l	99.8	75.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
sec-Butylbenzene	20.0 ug/l	102	65.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Styrene	20.0 ug/l	99.2	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
tert-Butylbenzene	20.0 ug/l	99.2	65.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1,1,2-Tetrachloroethane	20.0 ug/l	96.1	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1,2,2-Tetrachloroethane	20.0 ug/l	101	55.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Tetrachloroethene	20.0 ug/l	99.9	65.0-140			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Toluene	20.0 ug/l	103	70.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2,3-Trichlorobenzene	20.0 ug/l	93.0	60.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2,4-Trichlorobenzene	20.0 ug/l	90.4	65.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1,1-Trichloroethane	20.0 ug/l	97.5	70.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,1,2-Trichloroethane	20.0 ug/l	106	60.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Trichloroethene	20.0 ug/l	101	75.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Trichlorofluoromethane	20.0 ug/l	106	25.0-185			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2,3-Trichloropropane	20.0 ug/l	101	65.0-130			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,2,4-Trimethylbenzene	20.0 ug/l	96.9	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
1,3,5-Trimethylbenzene	20.0 ug/l	97.4	65.0-135			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Vinyl acetate	40.0 ug/l	86.6	77.8-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Vinyl chloride	20.0 ug/l	84.6	60.0-125			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50.0 ug/Kg	102	85.0-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Dibromofluoromethane	50.0 ug/Kg	102	80.0-120			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Toluene-D8	50.0 ug/Kg	107	85.0-115			V9043	19Sep16 0955 by 301	19Sep16 1724 by 301		
Organochlorine Pesticides										
Aldrin	4.44 ug/Kg	96.6	45.0-140			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
alpha-BHC	4.44 ug/Kg	86.3	60.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
alpha-Endosulfan	4.44 ug/Kg	86.6	15.0-135			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
beta-BHC	4.44 ug/Kg	86.4	60.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
beta-Endosulfan	4.44 ug/Kg	92.1	35.0-140			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
4,4'-DDD	4.44 ug/Kg	91.4	30.0-135			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
4,4'-DDE	4.44 ug/Kg	86.1	70.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
4,4'-DDT	4.44 ug/Kg	110	45.0-140			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
delta-BHC	4.44 ug/Kg	90.1	55.0-130			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Dieldrin	4.44 ug/Kg	90.1	65.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Endosulfan sulfate	4.44 ug/Kg	91.7	60.0-135			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Endrin	4.44 ug/Kg	93.5	60.0-135			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Endrin aldehyde	4.44 ug/Kg	95.6	35.0-145			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
gamma-BHC	4.44 ug/Kg	96.3	60.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Heptachlor	4.44 ug/Kg	90.2	50.0-140			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides (Continued)										
Heptachlor epoxide	4.44 ug/Kg	86.4	65.0-130			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Methoxychlor	4.44 ug/Kg	104	55.0-145			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Organochlorine Pesticides Surrogates:										
Decachlorobiphenyl	13.3 ug/Kg	98.4	55.0-130			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		
Tetrachloro-m-xylene	13.3 ug/Kg	87.6	70.0-125			G10594	19Sep16 1342 by 306	20Sep16 1828 by 306		

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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									
3 & 4-Methylphenol	205655-1	2610 ug/Kg	68.8	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.7	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.3	30.0	B10169				
Acenaphthene	205655-1	2610 ug/Kg	60.4	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	71.2	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.8	30.0	B10169				
Acenaphthylene	205655-1	2610 ug/Kg	70.0	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	82.0	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.4	30.0	B10169				
Anthracene	205655-1	2610 ug/Kg	67.4	55.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.1	55.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.4	30.0	B10169				
Benzo(a)anthracene	205655-1	2610 ug/Kg	69.8	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.7	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		12.8	30.0	B10169				
Benzo(a)pyrene	205655-1	2610 ug/Kg	69.4	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	77.8	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.9	30.0	B10169				
Benzo(b)fluoranthene	205655-1	2610 ug/Kg	69.4	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	77.8	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.9	30.0	B10169				
Benzo(g,h,i)perylene	205655-1	2610 ug/Kg	71.0	40.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	80.3	40.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.9	30.0	B10169				
Benzo(k)fluoranthene	205655-1	2610 ug/Kg	69.6	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.1	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		12.3	30.0	B10169				
Benzoic acid	205655-1	6530 ug/Kg	16.8	0.00-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	6650 ug/Kg	18.2	0.00-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		1.25	30.0	B10169				
Benzyl alcohol	205655-1	2610 ug/Kg	67.0	20.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	77.6	20.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.1	30.0	B10169				
bis(2-Chloroethoxy)Methane	205655-1	2610 ug/Kg	62.3	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	69.4	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.93	30.0	B10169				
bis(2-Chloroethyl)Ether	205655-1	2610 ug/Kg	69.2	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.9	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		7.23	30.0	B10169				
bis(2-Chloroisopropyl)Ether	205655-1	2610 ug/Kg	67.5	20.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	73.8	20.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		8.27	30.0	B10169				
bis(2-Ethylhexyl)Phthalate	205655-1	2610 ug/Kg	99.2	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	116	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		16.0	30.0	B10169				
4-Bromophenyl phenyl ether	205655-1	2610 ug/Kg	62.7	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	72.4	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		13.7	30.0	B10169				

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Butyl benzyl phthalate	205655-1	2610 ug/Kg	77.8	50.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	87.9	50.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.9	30.0	B10169				
4-Chloro-3-methylphenol	205655-1	2610 ug/Kg	47.0	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	56.2	45.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		16.1	30.0	B10169				
4-Chloroaniline	205655-1	2610 ug/Kg	50.8	10.0-100	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	62.0	10.0-100	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		18.6	30.0	B10169				
2-Chloronaphthalene	205655-1	2610 ug/Kg	63.5	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	76.1	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		17.5	30.0	B10169				
2-Chlorophenol	205655-1	2610 ug/Kg	66.1	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.3	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.9	30.0	B10169				
4-Chlorophenyl phenyl ether	205655-1	2610 ug/Kg	61.1	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	71.2	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.6	30.0	B10169				
Chrysene	205655-1	2610 ug/Kg	71.7	55.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	80.4	55.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.0	30.0	B10169				
Di-n-butyl phthalate	205655-1	2610 ug/Kg	65.8	55.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	71.4	55.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		7.39	30.0	B10169				
Di-n-octyl phthalate	205655-1	2610 ug/Kg	83.4	40.0-130	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	96.4	40.0-130	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.3	30.0	B10169				
Dibenz(a,h)anthracene	205655-1	2610 ug/Kg	68.3	40.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	82.7	40.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		18.7	30.0	B10169				
Dibenzofuran	205655-1	2610 ug/Kg	66.6	50.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	83.2	50.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		21.8	30.0	B10169				
1,2-Dichlorobenzene	205655-1	2610 ug/Kg	65.1	45.0-100	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	73.2	45.0-100	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.0	30.0	B10169				
1,3-Dichlorobenzene	205655-1	2610 ug/Kg	66.3	40.0-100	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	73.0	40.0-100	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		8.83	30.0	B10169				
1,4-Dichlorobenzene	205655-1	2610 ug/Kg	67.9	35.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.4	35.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		8.47	30.0	B10169				
3,3'-Dichlorobenzidine	205655-1	2610 ug/Kg	73.7	10.0-130	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	86.0	10.0-130	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.2	30.0	B10169				
2,4-Dichlorophenol	205655-1	2610 ug/Kg	53.3	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	64.0	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		17.1	30.0	B10169				
Diethyl phthalate	205655-1	2610 ug/Kg	63.5	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.2	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.9	30.0	B10169				

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Dimethyl phthalate	205655-1	2610 ug/Kg	67.4	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	78.4	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.6	30.0	B10169				
2,4-Dimethylphenol	205655-1	2610 ug/Kg	56.0	30.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	64.4	30.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		12.9	30.0	B10169				
4,6-Dinitro-2-methylphenol	205655-1	2610 ug/Kg	57.6	30.0-135	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	57.0	30.0-135	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		2.52	30.0	B10169				
2,4-Dinitrophenol	205655-1	2610 ug/Kg	34.4	15.0-130	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	36.2	15.0-130	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		1.79	30.0	B10169				
2,4-Dinitrotoluene	205655-1	2610 ug/Kg	61.4	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	78.6	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		24.0	30.0	B10169				
2,6-Dinitrotoluene	205655-1	2610 ug/Kg	62.6	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	73.0	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.6	30.0	B10169				
Fluoranthene	205655-1	2610 ug/Kg	73.7	55.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.8	55.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		7.36	30.0	B10169				
Fluorene	205655-1	2610 ug/Kg	61.2	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	71.8	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.1	30.0	B10169				
Hexachlorobenzene	205655-1	2610 ug/Kg	54.2	45.0-120	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	60.4	45.0-120	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.46	30.0	B10169				
Hexachlorobutadiene	205655-1	2610 ug/Kg	50.2	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	56.8	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.8	30.0	B10169				
Hexachlorocyclopentadiene	205655-1	2610 ug/Kg	62.1	20.8-114	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	58.6	20.8-114	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		7.25	84.0	B10169				
Hexachloroethane	205655-1	2610 ug/Kg	55.1	35.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	57.4	35.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		2.65	30.0	B10169				
Indeno(1,2,3-cd)pyrene	205655-1	2610 ug/Kg	70.5	40.0-120	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	82.9	40.0-120	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.8	30.0	B10169				
Isophorone	205655-1	2610 ug/Kg	62.6	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	69.6	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.67	30.0	B10169				
2-Methylnaphthalene	205655-1	2610 ug/Kg	50.8	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	58.0	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.9	30.0	B10169				
2-Methylphenol	205655-1	2610 ug/Kg	68.1	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	78.2	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		13.3	30.0	B10169				

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N-Nitroso-di-n-propylamine	205655-1	2610 ug/Kg	64.5	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	71.8	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.99	30.0	B10169				
n-Nitrosodiphenylamine	205655-1	2610 ug/Kg	71.5	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	83.4	50.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		15.0	30.0	B10169				
Naphthalene	205655-1	2610 ug/Kg	59.2	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	66.1	40.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.94	30.0	B10169				
2-Nitroaniline	205655-1	2610 ug/Kg	62.4	45.0-120	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	77.8	45.0-120	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		21.4	30.0	B10169				
3-Nitroaniline	205655-1	2610 ug/Kg	67.8	25.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	76.8	25.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.7	30.0	B10169				
4-Nitroaniline	205655-1	2610 ug/Kg	67.8	35.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	76.8	35.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.7	30.0	B10169				
Nitrobenzene	205655-1	2610 ug/Kg	59.2	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	66.8	40.0-115	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.2	30.0	B10169				
2-Nitrophenol	205655-1	2610 ug/Kg	55.4	40.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	64.9	40.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.8	30.0	B10169				
4-Nitrophenol	205655-1	2610 ug/Kg	81.7	15.0-140	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	88.2	15.0-140	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		7.45	30.0	B10169				
Pentachlorophenol	205655-1	2610 ug/Kg	55.0	25.0-120	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	61.6	25.0-120	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.2	30.0	B10169				
Phenanthrene	205655-1	2610 ug/Kg	64.0	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.2	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		14.0	30.0	B10169				
Phenol	205655-1	2610 ug/Kg	71.2	40.0-100	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	79.9	40.0-100	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		11.1	30.0	B10169				
Pyrene	205655-1	2610 ug/Kg	66.3	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	74.4	45.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		10.8	30.0	B10169				
1,2,4-Trichlorobenzene	205655-1	2610 ug/Kg	55.4	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	62.0	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		9.93	30.0	B10169				
2,4,5-Trichlorophenol	205655-1	2610 ug/Kg	55.2	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	67.5	50.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		19.2	30.0	B10169				
2,4,6-Trichlorophenol	205655-1	2610 ug/Kg	58.8	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	70.0	45.0-110	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
	Relative Percent Difference:		16.5	30.0	B10169				
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	205655-1	2610 ug/Kg	73.6	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	85.2	45.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorophenol	205655-1	2610 ug/Kg	59.3	35.0-105	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	66.6	35.0-105	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
Nitrobenzene-D5	205655-1	2610 ug/Kg	58.7	35.0-100	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	64.5	35.0-100	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
Terphenyl-D14	205655-1	2610 ug/Kg	69.3	30.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	78.6	30.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
2,4,6-Tribromophenol	205655-1	2610 ug/Kg	57.0	35.0-125	B10169	19Sep16 1436 by 306	20Sep16 1242 by 306		
	205655-1	2660 ug/Kg	67.8	35.0-125	B10169	19Sep16 1436 by 306	20Sep16 1315 by 306		
Volatile Organic Compounds									
Acetone	205655-1	40 ug/l	97.1	20.0-160	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Benzene	205655-1	20 ug/l	90.7	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Bromobenzene	205655-1	20 ug/l	102	65.0-120	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Bromochloromethane	205655-1	20 ug/l	93.6	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Bromodichloromethane	205655-1	20 ug/l	98.6	70.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Bromoform	205655-1	20 ug/l	97.6	55.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Bromomethane	205655-1	20 ug/l	101	30.0-160	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
2-Butanone	205655-1	40 ug/l	94.6	30.0-160	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Carbon disulfide	205655-1	40 ug/l	91.2	45.0-160	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Carbon tetrachloride	205655-1	20 ug/l	101	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Chlorobenzene	205655-1	20 ug/l	102	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Chloroethane	205655-1	20 ug/l	94.0	40.0-155	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
2-Chloroethyl vinyl ether	205655-1	40 ug/l	81.4	46.0-140	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Chloroform	205655-1	20 ug/l	98.8	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Chloromethane	205655-1	20 ug/l	92.6	50.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
2-Chlorotoluene	205655-1	20 ug/l	97.1	70.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
4-Chlorotoluene	205655-1	20 ug/l	96.8	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2-Dibromo-3-chloropropane	205655-1	20 ug/l	81.9	40.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Dibromochloromethane	205655-1	20 ug/l	98.7	65.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2-Dibromoethane	205655-1	20 ug/l	99.8	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Dibromomethane	205655-1	20 ug/l	99.4	75.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2-Dichlorobenzene	205655-1	20 ug/l	97.2	75.0-120	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,3-Dichlorobenzene	205655-1	20 ug/l	96.8	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,4-Dichlorobenzene	205655-1	20 ug/l	98.4	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Dichlorodifluoromethane	205655-1	20 ug/l	81.2	35.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1-Dichloroethane	205655-1	20 ug/l	89.6	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2-Dichloroethane	205655-1	20 ug/l	100	70.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1-Dichloroethene	205655-1	20 ug/l	98.6	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
cis-1,2-Dichloroethene	205655-1	20 ug/l	101	65.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
trans-1,2-Dichloroethene	205655-1	20 ug/l	92.1	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2-Dichloropropane	205655-1	20 ug/l	92.1	70.0-120	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,3-Dichloropropane	205655-1	20 ug/l	97.8	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
2,2-Dichloropropane	205655-1	20 ug/l	90.0	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1-Dichloropropene	205655-1	20 ug/l	97.1	70.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
cis-1,3-Dichloropropene	205655-1	20 ug/l	89.8	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
trans-1,3-Dichloropropene	205655-1	20 ug/l	88.6	65.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Ethylbenzene	205655-1	20 ug/l	98.4	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Hexachlorobutadiene	205655-1	20 ug/l	103	55.0-140	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
2-Hexanone	205655-1	40 ug/l	87.5	45.0-145	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Isopropylbenzene	205655-1	20 ug/l	101	75.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
m&p-Xylenes	205655-1	40 ug/l	100	80.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
4-Methyl-2-pentanone	205655-1	40 ug/l	91.8	45.0-145	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Methylene chloride	205655-1	20 ug/l	103	55.0-140	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
n-Butylbenzene	205655-1	20 ug/l	99.0	65.0-140	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
n-Propylbenzene	205655-1	20 ug/l	104	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Naphthalene	205655-1	20 ug/l	91.8	40.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
o-Xylene	205655-1	20 ug/l	98.0	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
p-Isopropyltoluene	205655-1	20 ug/l	103	75.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
sec-Butylbenzene	205655-1	20 ug/l	102	65.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Styrene	205655-1	20 ug/l	99.1	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
tert-Butylbenzene	205655-1	20 ug/l	98.9	65.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1,1,2-Tetrachloroethane	205655-1	20 ug/l	99.6	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1,2,2-Tetrachloroethane	205655-1	20 ug/l	99.0	55.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Tetrachloroethene	205655-1	20 ug/l	101	65.0-140	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Toluene	205655-1	20 ug/l	97.2	70.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2,3-Trichlorobenzene	205655-1	20 ug/l	96.8	60.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2,4-Trichlorobenzene	205655-1	20 ug/l	97.0	65.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1,1-Trichloroethane	205655-1	20 ug/l	93.8	70.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,1,2-Trichloroethane	205655-1	20 ug/l	99.8	60.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Trichloroethene	205655-1	20 ug/l	106	75.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Trichlorofluoromethane	205655-1	20 ug/l	98.5	25.0-185	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2,3-Trichloropropane	205655-1	20 ug/l	96.8	65.0-130	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,2,4-Trimethylbenzene	205655-1	20 ug/l	98.4	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
1,3,5-Trimethylbenzene	205655-1	20 ug/l	99.5	65.0-135	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Vinyl acetate	205655-1	40 ug/l	79.3	13.4-145	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Vinyl chloride	205655-1	20 ug/l	91.6	60.0-125	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	205655-1	50 ug/Kg	101	85.0-120	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Dibromofluoromethane	205655-1	50 ug/Kg	101	80.0-120	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		
Toluene-D8	205655-1	50 ug/Kg	99.7	85.0-115	V9043	19Sep16 0955 by 301	19Sep16 1829 by 301		

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides									
Aldrin	205655-1	19.8 ug/Kg	83.2	45.0-140	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	81.7	45.0-140	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		1.80	30.0	G10594				
alpha-BHC	205655-1	19.8 ug/Kg	83.3	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	78.8	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		5.54	30.0	G10594				
alpha-Endosulfan	205655-1	19.8 ug/Kg	80.6	15.0-135	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	70.9	15.0-135	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		12.8	30.0	G10594				
beta-BHC	205655-1	19.8 ug/Kg	74.3	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	86.8	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		15.6	30.0	G10594				
beta-Endosulfan	205655-1	19.8 ug/Kg	82.0	35.0-140	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	70.3	35.0-140	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		15.4	30.0	G10594				
4,4'-DDD	205655-1	19.8 ug/Kg	83.8	30.0-135	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	77.8	30.0-135	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		7.42	30.0	G10594				
4,4'-DDE	205655-1	19.8 ug/Kg	76.5	70.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	74.8	70.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		2.25	30.0	G10594				
4,4'-DDT	205655-1	19.8 ug/Kg	113	45.0-140	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	97.6	45.0-140	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		14.7	30.0	G10594				
delta-BHC	205655-1	19.8 ug/Kg	86.3	55.0-130	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	75.1	55.0-130	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		13.9	30.0	G10594				
Dieldrin	205655-1	19.8 ug/Kg	91.2	65.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	76.1	65.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		18.1	30.0	G10594				
Endosulfan sulfate	205655-1	19.8 ug/Kg	103	60.0-135	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	122	60.0-135	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		16.4	30.0	G10594				
Endrin	205655-1	19.8 ug/Kg	114	60.0-135	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	90.2	60.0-135	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		23.3	30.0	G10594				
Endrin aldehyde	205655-1	19.8 ug/Kg	80.8	35.0-145	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	89.7	35.0-145	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		10.5	30.0	G10594				
gamma-BHC	205655-1	19.8 ug/Kg	98.9	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	102	60.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		3.15	30.0	G10594				
Heptachlor	205655-1	19.8 ug/Kg	98.2	50.0-140	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	83.0	50.0-140	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		16.8	30.0	G10594				
Heptachlor epoxide	205655-1	19.8 ug/Kg	101	65.0-130	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	112	65.0-130	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		10.5	30.0	G10594				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Methoxychlor	205655-1	19.8 ug/Kg	112	55.0-145	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	19.8 ug/Kg	108	55.0-145	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
	Relative Percent Difference:		3.28	30.0	G10594				
Organochlorine Pesticides Surrogates:									
Decachlorobiphenyl	205655-1	39.5 ug/Kg	108	55.0-130	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	39.6 ug/Kg	104	55.0-130	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		
Tetrachloro-m-xylene	205655-1	39.5 ug/Kg	99.2	70.0-125	G10594	19Sep16 1342 by 306	20Sep16 1840 by 306		
	205655-1	39.6 ug/Kg	99.3	70.0-125	G10594	19Sep16 1342 by 306	20Sep16 1852 by 306		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Solids	< 0.01 wt %	0.01	0.01	W57204-1	19Sep16 0830 by 100	20Sep16 1104 by 100	
Base/Neutral and Acid Compounds							
3 & 4-Methylphenol	< 110 ug/Kg	110	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Acenaphthene	< 45 ug/Kg	45	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Acenaphthylene	< 64 ug/Kg	64	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Anthracene	< 74 ug/Kg	74	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzo(a)anthracene	< 43 ug/Kg	43	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzo(a)pyrene	< 76 ug/Kg	76	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzo(b)fluoranthene	< 74 ug/Kg	74	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzo(g,h,i)perylene	< 110 ug/Kg	110	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzo(k)fluoranthene	< 72 ug/Kg	72	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzoic acid	< 520 ug/Kg	520	1700	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Benzyl alcohol	< 91 ug/Kg	91	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
bis(2-Chloroethoxy)Methane	< 49 ug/Kg	49	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
bis(2-Chloroethyl)Ether	< 54 ug/Kg	54	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
bis(2-Chloroisopropyl)Ether	< 48 ug/Kg	48	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
bis(2-Ethylhexyl)Phthalate	< 66 ug/Kg	66	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Bromophenyl phenyl ether	< 43 ug/Kg	43	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Butyl benzyl phthalate	< 70 ug/Kg	70	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Chloro-3-methylphenol	< 87 ug/Kg	87	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Chloroaniline	< 140 ug/Kg	140	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Chloronaphthalene	< 56 ug/Kg	56	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Chlorophenol	< 53 ug/Kg	53	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Chlorophenyl phenyl ether	< 54 ug/Kg	54	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Chrysene	< 38 ug/Kg	38	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Di-n-butyl phthalate	< 74 ug/Kg	74	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Di-n-octyl phthalate	< 90 ug/Kg	90	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Dibenz(a,h)anthracene	< 80 ug/Kg	80	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Dibenzofuran	< 63 ug/Kg	63	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
1,2-Dichlorobenzene	< 62 ug/Kg	62	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
1,3-Dichlorobenzene	< 60 ug/Kg	60	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
1,4-Dichlorobenzene	< 58 ug/Kg	58	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
3,3'-Dichlorobenzidine	< 95 ug/Kg	95	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4-Dichlorophenol	< 72 ug/Kg	72	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Diethyl phthalate	< 71 ug/Kg	71	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Dimethyl phthalate	< 69 ug/Kg	69	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4-Dimethylphenol	< 130 ug/Kg	130	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4,6-Dinitro-2-methylphenol	< 160 ug/Kg	160	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4-Dinitrophenol	< 130 ug/Kg	130	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4-Dinitrotoluene	< 93 ug/Kg	93	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,6-Dinitrotoluene	< 86 ug/Kg	86	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Fluoranthene	< 86 ug/Kg	86	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Fluorene	< 59 ug/Kg	59	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Hexachlorobenzene	< 67 ug/Kg	67	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Hexachlorobutadiene	< 47 ug/Kg	47	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Hexachlorocyclopentadiene	< 200 ug/Kg	200	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Hexachloroethane	< 49 ug/Kg	49	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Indeno(1,2,3-cd)pyrene	< 92 ug/Kg	92	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Isophorone	< 47 ug/Kg	47	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Methylnaphthalene	< 59 ug/Kg	59	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
2-Methylphenol	< 110 ug/Kg	110	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
N-Nitroso-di-n-propylamine	< 56 ug/Kg	56	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
n-Nitrosodiphenylamine	< 150 ug/Kg	150	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	R
Naphthalene	< 43 ug/Kg	43	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Nitroaniline	< 80 ug/Kg	80	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
3-Nitroaniline	< 150 ug/Kg	150	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Nitroaniline	< 64 ug/Kg	64	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Nitrobenzene	< 54 ug/Kg	54	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Nitrophenol	< 69 ug/Kg	69	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
4-Nitrophenol	< 190 ug/Kg	190	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Pentachlorophenol	< 190 ug/Kg	190	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Phenanthrene	< 46 ug/Kg	46	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Phenol	< 52 ug/Kg	52	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Pyrene	< 64 ug/Kg	64	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
1,2,4-Trichlorobenzene	< 42 ug/Kg	42	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4,5-Trichlorophenol	< 110 ug/Kg	110	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4,6-Trichlorophenol	< 87 ug/Kg	87	330	B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (45.0-105%)	74.6 %			B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2-Fluorophenol (35.0-105%)	68.6 %			B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Nitrobenzene-D5 (35.0-100%)	63.6 %			B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Terphenyl-D14 (30.0-125%)	78.8 %			B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
2,4,6-Tribromophenol (35.0-125%)	53.9 %			B10169-1	19Sep16 1436 by 306	20Sep16 1136 by 306	
Volatile Organic Compounds							
Acetone	< 4.2 ug/Kg	4.2	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Benzene	< 0.19 ug/Kg	0.19	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Bromobenzene	< 0.32 ug/Kg	0.32	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Bromochloromethane	< 0.79 ug/Kg	0.79	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Bromodichloromethane	< 0.48 ug/Kg	0.48	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Bromoform	< 0.47 ug/Kg	0.47	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Bromomethane	< 0.50 ug/Kg	0.50	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
2-Butanone	< 1.7 ug/Kg	1.7	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Carbon disulfide	< 0.47 ug/Kg	0.47	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Carbon Tetrachloride	< 1.2 ug/Kg	1.2	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Chlorobenzene	< 0.26 ug/Kg	0.26	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Chloroethane	< 0.31 ug/Kg	0.31	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
2-Chloroethyl vinyl ether	< 1.6 ug/Kg	1.6	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Chloroform	< 0.63 ug/Kg	0.63	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Chloromethane	< 0.59 ug/Kg	0.59	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
2-Chlorotoluene	< 0.45 ug/Kg	0.45	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
4-Chlorotoluene	< 0.36 ug/Kg	0.36	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2-Dibromo-3-chloropropane	< 1.7 ug/Kg	1.7	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Dibromochloromethane	< 0.43 ug/Kg	0.43	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2-Dibromoethane	< 0.43 ug/Kg	0.43	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Dibromomethane	< 1.6 ug/Kg	1.6	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2-Dichlorobenzene	< 0.44 ug/Kg	0.44	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,3-Dichlorobenzene	< 0.33 ug/Kg	0.33	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,4-Dichlorobenzene	< 0.24 ug/Kg	0.24	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Dichlorodifluoromethane	< 0.65 ug/Kg	0.65	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	

Springdale Water Utilities
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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Volatile Organic Compounds							
1,1-Dichloroethane	< 0.34 ug/Kg	0.34	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2-Dichloroethane	< 0.69 ug/Kg	0.69	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1-Dichloroethene	< 0.43 ug/Kg	0.43	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
cis-1,2-Dichloroethene	< 0.46 ug/Kg	0.46	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
trans-1,2-Dichloroethene	< 0.25 ug/Kg	0.25	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2-Dichloropropane	< 0.54 ug/Kg	0.54	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,3-Dichloropropane	< 0.50 ug/Kg	0.50	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
2,2-Dichloropropane	< 0.79 ug/Kg	0.79	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1-Dichloropropene	< 1.4 ug/Kg	1.4	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
cis-1,3-Dichloropropene	< 0.30 ug/Kg	0.30	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
trans-1,3-Dichloropropene	< 0.51 ug/Kg	0.51	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Ethylbenzene	< 1.5 ug/Kg	1.5	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Hexachlorobutadiene	< 0.44 ug/Kg	0.44	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
2-Hexanone	< 5.1 ug/Kg	5.1	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Isopropylbenzene	< 0.23 ug/Kg	0.23	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
m&p-Xylenes	< 0.35 ug/Kg	0.35	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
4-Methyl-2-pentanone	< 2.4 ug/Kg	2.4	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Methylene chloride	< 0.71 ug/Kg	0.71	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
n-Butylbenzene	< 0.36 ug/Kg	0.36	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
n-Propylbenzene	< 0.28 ug/Kg	0.28	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Naphthalene	< 1.6 ug/Kg	1.6	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
o-Xylene	< 0.35 ug/Kg	0.35	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
p-Isopropyltoluene	< 0.27 ug/Kg	0.27	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
sec-Butylbenzene	< 0.21 ug/Kg	0.21	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Styrene	< 0.20 ug/Kg	0.20	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
tert-Butylbenzene	< 0.29 ug/Kg	0.29	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1,1,2-Tetrachloroethane	< 0.31 ug/Kg	0.31	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1,2,2-Tetrachloroethane	< 0.57 ug/Kg	0.57	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Tetrachloroethene	< 0.45 ug/Kg	0.45	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Toluene	< 0.23 ug/Kg	0.23	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2,3-Trichlorobenzene	< 1.8 ug/Kg	1.8	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2,4-Trichlorobenzene	< 1.3 ug/Kg	1.3	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1,1-Trichloroethane	< 0.66 ug/Kg	0.66	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,1,2-Trichloroethane	< 1.4 ug/Kg	1.4	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Trichloroethene	< 0.26 ug/Kg	0.26	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Trichlorofluoromethane	< 1.7 ug/Kg	1.7	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2,3-Trichloropropane	< 2.1 ug/Kg	2.1	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,2,4-Trimethylbenzene	< 0.20 ug/Kg	0.20	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
1,3,5-Trimethylbenzene	< 0.28 ug/Kg	0.28	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Vinyl acetate	< 1.6 ug/Kg	1.6	10	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Vinyl chloride	< 0.47 ug/Kg	0.47	5.0	V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (85.0-120%)	93.5 %			V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Dibromofluoromethane (80.0-120%)	97.1 %			V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Toluene-D8 (85.0-115%)	99.7 %			V9043-1	19Sep16 0955 by 301	19Sep16 1934 by 301	
Organochlorine Pesticides							
Aldrin	< 0.11 ug/Kg	0.11	0.67	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
alpha-BHC	< 0.15 ug/Kg	0.15	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
alpha-Endosulfan	< 0.16 ug/Kg	0.16	0.67	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	

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Springdale Water Utilities
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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Organochlorine Pesticides							
beta-BHC	< 0.14 ug/Kg	0.14	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
beta-Endosulfan	< 0.21 ug/Kg	0.21	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Chlordane	< 4.5 ug/Kg	4.5	6.7	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
4,4'-DDD	< 0.16 ug/Kg	0.16	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
4,4'-DDE	< 0.22 ug/Kg	0.22	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
4,4'-DDT	< 0.25 ug/Kg	0.25	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
delta-BHC	< 0.17 ug/Kg	0.17	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Dieldrin	< 0.16 ug/Kg	0.16	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Endosulfan sulfate	< 0.19 ug/Kg	0.19	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Endrin	< 0.15 ug/Kg	0.15	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Endrin aldehyde	< 0.19 ug/Kg	0.19	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
gamma-BHC	< 0.23 ug/Kg	0.23	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Heptachlor	< 0.26 ug/Kg	0.26	0.67	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Heptachlor epoxide	< 0.16 ug/Kg	0.16	0.67	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Methoxychlor	< 0.18 ug/Kg	0.18	1.4	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Toxaphene	< 8.4 ug/Kg	8.4	14	G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Organochlorine Pesticides Surrogates:							
Decachlorobiphenyl (55.0-130%)	92.8 %			G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	
Tetrachloro-m-xylene (70.0-125%)	107 %			G10594-1	19Sep16 1342 by 306	20Sep16 1816 by 306	

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CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: Springdale Water Utilities
PO No.: 0019302
Project Reference: Table II PP
Project Manager: Brad Stewart
Sampled By: Brad Stewart (BJS)

AIC CONTROL NO: 205655
AIC PROPOSAL NO:
Carrier: Fed-X
Received Temperature C: 0.1°C

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	MATRIX: WATER	MATRIX: SOIL		NO OF BOTTLES	ANALYSES REQUESTED: Table II P.P.												Remarks
1	Bel Ross Inf	9/15/16/0910	X		X			1	X												
		Container Type							G												
		Preservative							NO												

Field pH calibration on ________ @ ______
Buffer:

G = Glass, NO = none, P = Plastic, S = Sulfuric acid pH2, V = VOA vials, N = Nitric acid pH2, H = HCl to pH2, B = NaOH to pH12, T = Sodium Thiosulfate, Z = Zinc acetate, A=$(NH_4)_2SO_4$, NH_4OH

Turnaround Time Requested: (Please circle)
NORMAL (circled) or EXPEDITED IN ____ DAYS
Expedited results requested by: ____________
Who should AIC contact with questions: Brad Stewart
Phone: 479-756-3639 Fax:
Report Attention to:
Report Address to:
Email Address:

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/15/16/0930		
Relinquished By:	Date/Time	Received in Lab By: [signature]	Date/Time 9-16-16 1015

Comments:

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for samples submitted on August 30, 2016. 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: Springdale Water Utilities
ATTN: Mr. Brad Stewart
bstewart@springdalewater.com

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:
One (1) water and one (1) sludge sample(s) received on August 30, 2016
Table II, III
P.O. No. 001930200

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

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

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
205166-1	Effluent	26-Aug-2016 0800	
205166-2	Belt Press Influent	26-Aug-2016 0700	

Qualifiers:
R n-Nitrosodiphenylamine cannot be separated from diphenylamine
X Spiking level is invalid due to the high concentration of analyte in the spiked sample

Case Narrative:
Analysis of soils/sludges are reported on a dry-weight basis unless otherwise specified.

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).

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ANALYTICAL RESULTS

AIC No. 205166-1
Sample Identification: Effluent 26-Aug-2016 0800

Analyte		Result	RL	Units	Qualifier
Total Recoverable Antimony		**< 60**	60	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Arsenic		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Beryllium		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Cadmium		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Chromium		**< 10**	10	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Copper		**3.6**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Lead		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Molybdenum		**< 8**	8	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Nickel		**5.0**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Selenium		**< 5**	5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Silver		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Thallium		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Total Recoverable Zinc		**42**	20	**ug/l**	
EPA 200.8	Prep: 31-Aug-2016 0832 by 07	Analyzed: 31-Aug-2016 1407 by 07		Batch: S41669	
Base/Neutral and Acid Compounds By EPA 625					
Acenaphthene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Acenaphthylene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Anthracene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Benzidine		**< 50**	50	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Benzo(a)anthracene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Benzo(a)pyrene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Benzo(g,h,i)perylene		**< 20**	20	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	

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Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205166-1 (Continued)
Sample Identification: Effluent 26-Aug-2016 0800

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Benzo(k)fluoranthene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
3,4-Benzofluoranthene	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Bis(2-chloroethoxy)methane	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Bis(2-chloroethyl)ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Bis(2-chloroisopropyl)ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Bis(2-ethylhexyl)phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
4-Bromophenyl phenyl ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Butylbenzyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2-Chloronaphthalene	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2-Chlorophenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
4-Chlorophenyl phenyl ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Chrysene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Di-n-butyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Di-n-octyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Dibenz(a,h)anthracene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
3,3'-Dichlorobenzidine	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,4-Dichlorophenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Diethyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Dimethyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,4-Dimethylphenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	

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ANALYTICAL RESULTS

AIC No. 205166-1 (Continued)
Sample Identification: Effluent 26-Aug-2016 0800

Analyte		Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)					
4,6-Dinitro-o-cresol		**< 50**	50	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,4-Dinitrophenol		**< 50**	50	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,4-Dinitrotoluene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,6-Dinitrotoluene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
1,2-Diphenylhydrazine		**< 20**	20	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Fluoranthene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Fluorene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Hexachlorobenzene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Hexachlorobutadiene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Hexachlorocyclopentadiene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Hexachloroethane		**< 20**	20	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Indeno(1,2,3-cd)pyrene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Isophorone		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
n-Nitrosodi-n-propylamine		**< 20**	20	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
n-Nitrosodimethylamine		**< 50**	50	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
n-Nitrosodiphenylamine		**< 20**	20	**ug/l**	R
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Naphthalene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Nitrobenzene		**< 10**	10	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2-Nitrophenol		**< 20**	20	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
4-Nitrophenol		**< 50**	50	**ug/l**	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	

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ANALYTICAL RESULTS

AIC No. 205166-1 (Continued)
Sample Identification: Effluent 26-Aug-2016 0800

Analyte		Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)					
p-Chloro-m-cresol		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Pentachlorophenol		**< 5.0**	5.0	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Phenanthrene		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Phenol		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Pyrene		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
1,2,4-Trichlorobenzene		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
2,4,6-Trichlorophenol		**< 10**	10	ug/l	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Surrogate: 2-Fluorobiphenyl (50.0-110%)		75.7		%	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Surrogate: 2-Fluorophenol (20.0-110%)		47.8		%	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Surrogate: Nitrobenzene-D5 (40.0-110%)		65.2		%	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Surrogate: Terphenyl-D14 (50.0-135%)		103		%	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Surrogate: 2,4,6-Tribromophenol (40.0-125%)		56.2		%	
EPA 625	Prep: 01-Sep-2016 0939 by 306	Analyzed: 01-Sep-2016 1758 by 306		Batch: B10148	
Organochlorine Pesticides and PCBs By EPA 608					
Aldrin		**< 0.010**	0.010	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
alpha-BHC		**< 0.050**	0.050	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
alpha-Endosulfan		**< 0.010**	0.010	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
beta-BHC		**< 0.050**	0.050	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
beta-Endosulfan		**< 0.020**	0.020	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Chlordane		**< 0.20**	0.20	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Chlorpyrifos		**< 0.070**	0.070	ug/l	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	

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ANALYTICAL RESULTS

AIC No. 205166-1 (Continued)
Sample Identification: Effluent 26-Aug-2016 0800

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
4,4'-DDD	**< 0.10**	0.10	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
4,4'-DDE	**< 0.10**	0.10	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
4,4'-DDT	**< 0.020**	0.020	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
delta-BHC	**< 0.050**	0.050	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Dieldrin	**< 0.020**	0.020	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Endosulfan sulfate	**< 0.10**	0.10	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Endrin	**< 0.020**	0.020	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Endrin aldehyde	**< 0.10**	0.10	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
gamma-BHC	**< 0.050**	0.050	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Heptachlor	**< 0.010**	0.010	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Heptachlor epoxide	**< 0.010**	0.010	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1016	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1221	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1232	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1242	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1248	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1254	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
PCB 1260	**< 0.20**	0.20	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Toxaphene	**< 0.30**	0.30	ug/l	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	
Surrogate: Decachlorobiphenyl (30.0-135%)	79.0		%	
EPA 608 Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	

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ANALYTICAL RESULTS

AIC No. 205166-1 (Continued)
Sample Identification: Effluent 26-Aug-2016 0800

Analyte		Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)					
Surrogate: Tetrachloro-m-xylene (25.0-140%)		81.4		%	
EPA 608	Prep: 01-Sep-2016 1309 by 306	Analyzed: 01-Sep-2016 1712 by 306		Batch: G10583	

AIC No. 205166-2
Sample Identification: Belt Press Influent 26-Aug-2016 0700

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**< 3**	3	**mg/Kg**	
EPA 9010C, 9014	Prep: 07-Sep-2016 1020 by 319	Analyzed: 07-Sep-2016 1432 by 319		Batch: W57080	
Total Recoverable Phenolics		**31**	20	**mg/Kg**	
EPA 9065	Prep: 06-Sep-2016 0951 by 319	Analyzed: 07-Sep-2016 0920 by 319		Batch: W57061	
Total Solids		**3.8**	0.01	**wt %**	
SM 2540 G 1997	Prep: 30-Aug-2016 1530 by 100	Analyzed: 31-Aug-2016 1254 by 100		Batch: W57001	
Antimony		**< 3**	3	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Arsenic		**< 5**	5	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Beryllium		**0.037**	0.03	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Cadmium		**< 0.4**	0.4	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Chromium		**12**	0.7	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Copper		**94**	0.6	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Lead		**4.9**	4	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Molybdenum		**5.1**	0.8	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Nickel		**16**	1	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Selenium		**< 7**	7	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Silver		**1.4**	0.7	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Thallium		**< 4**	4	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Zinc		**370**	0.2	**mg/Kg**	
EPA 3051A, 6010C	Prep: 06-Sep-2016 1028 by 313	Analyzed: 06-Sep-2016 1531 by 308		Batch: S41691	
Mercury		**0.21**	0.1	**mg/Kg**	
EPA 7471B	Prep: 01-Sep-2016 0758 by 313	Analyzed: 01-Sep-2016 1025 by 313		Batch: S41678	

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Total Solids		205108-1	2.0 wt %			30Aug16 0830 by 100	31Aug16 1254 by 100		
	Batch: W57001	Duplicate	2.0 wt %	0.621	10.0	30Aug16 0830 by 100	31Aug16 1254 by 100		
Base/Neutral and Acid Compounds									
Acenaphthene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Acenaphthylene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Anthracene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzidine		205214-1	< 25 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 25 ug/l	0.00	0.00	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzo(a)anthracene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzo(a)pyrene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzo(b)fluoranthene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzo(g,h,i)perylene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Benzo(k)fluoranthene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
bis(2-Chloroethoxy)Methane		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
bis(2-Chloroethyl)Ether		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
bis(2-Chloroisopropyl)Ether		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
bis(2-Ethylhexyl)Phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
4-Bromophenyl phenyl ether		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Butyl benzyl phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
4-Chloro-3-methylphenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2-Chloronaphthalene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2-Chlorophenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
4-Chlorophenyl phenyl ether		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Chrysene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Di-n-butyl phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Di-n-octyl phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Dibenz(a,h)anthracene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
3,3'-Dichlorobenzidine		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4-Dichlorophenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Diethyl phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Dimethyl phthalate		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4-Dimethylphenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
4,6-Dinitro-2-methylphenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4-Dinitrophenol		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4-Dinitrotoluene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,6-Dinitrotoluene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
1,2-Diphenylhydrazine		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Fluoranthene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Fluorene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Hexachlorobenzene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Hexachlorobutadiene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Hexachlorocyclopentadiene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Hexachloroethane		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Indeno(1,2,3-cd)pyrene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Isophorone		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
N-Nitroso-di-n-propylamine		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
n-Nitrosodimethylamine		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
n-Nitrosodiphenylamine		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		R
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		R
Naphthalene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Nitrobenzene		205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
	Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)								
2-Nitrophenol	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
4-Nitrophenol	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Pentachlorophenol	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Phenanthrene	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Phenol	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
Pyrene	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
1,2,4-Trichlorobenzene	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4,6-Trichlorophenol	205214-1	< 5.0 ug/l			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	< 5.0 ug/l	0.00	30.0	01Sep16 0939 by 306	01Sep16 1724 by 306		
2-Fluorobiphenyl (50.0-110%)	205214-1	84.0 %			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	80.8 %			01Sep16 0939 by 306	01Sep16 1724 by 306		
2-Fluorophenol (20.0-110%)	205214-1	43.2 %			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	59.2 %			01Sep16 0939 by 306	01Sep16 1724 by 306		
Nitrobenzene-D5 (40.0-110%)	205214-1	69.3 %			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	70.8 %			01Sep16 0939 by 306	01Sep16 1724 by 306		
Terphenyl-D14 (50.0-135%)	205214-1	98.9 %			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	89.2 %			01Sep16 0939 by 306	01Sep16 1724 by 306		
2,4,6-Tribromophenol (40.0-125%)	205214-1	41.5 %			01Sep16 0939 by 306	01Sep16 1831 by 306		
Batch: B10148	Duplicate	45.1 %			01Sep16 0939 by 306	01Sep16 1724 by 306		
Organochlorine Pesticides and PCBs								
Aldrin	205166-1	< 0.010 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.010 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
alpha-BHC	205166-1	< 0.050 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.050 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
alpha-Endosulfan	205166-1	< 0.010 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.010 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
beta-BHC	205166-1	< 0.050 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.050 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
beta-Endosulfan	205166-1	< 0.020 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.020 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Chlorpyrifos	205166-1	< 0.070 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.070 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
4,4'-DDD	205166-1	< 0.10 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.10 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
4,4'-DDE	205166-1	< 0.10 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.10 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
4,4'-DDT	205166-1	< 0.020 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.020 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
delta-BHC	205166-1	< 0.050 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.050 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides and PCBs (Continued)								
Dieldrin	205166-1	< 0.020 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.020 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Endosulfan sulfate	205166-1	< 0.10 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.10 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Endrin	205166-1	< 0.020 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.020 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Endrin aldehyde	205166-1	< 0.10 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.10 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
gamma-BHC	205166-1	< 0.050 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.050 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Heptachlor	205166-1	< 0.010 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.010 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Heptachlor epoxide	205166-1	< 0.010 ug/l			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	< 0.010 ug/l	0.00	30.0	01Sep16 1309 by 306	01Sep16 1658 by 306		
Decachlorobiphenyl (30.0-135%)	205166-1	79.0 %			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	76.0 %			01Sep16 1309 by 306	01Sep16 1658 by 306		
Tetrachloro-m-xylene (25.0-140%)	205166-1	81.4 %			01Sep16 1309 by 306	01Sep16 1712 by 306		
Batch: G10583	Duplicate	91.3 %			01Sep16 1309 by 306	01Sep16 1658 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Antimony	0.05 mg/l	102	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Arsenic	0.05 mg/l	97.0	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Beryllium	0.05 mg/l	97.5	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Cadmium	0.05 mg/l	103	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Chromium	0.05 mg/l	96.7	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Copper	0.05 mg/l	100	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Lead	0.05 mg/l	103	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Molybdenum	0.05 mg/l	96.3	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Nickel	0.05 mg/l	101	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Selenium	0.05 mg/l	97.9	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Silver	0.02 mg/l	103	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Thallium	0.05 mg/l	106	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Recoverable Zinc	0.05 mg/l	102	85.0-115			S41669	31Aug16 0831 by 07	31Aug16 1339 by 07		
Total Cyanide	0.500 mg/Kg	90.0	85.0-115			W57080	07Sep16 1021 by 319	07Sep16 1426 by 319		
Total Recoverable Phenolics	10.0 mg/Kg	99.3	85.0-115			W57061	06Sep16 0951 by 319	07Sep16 0920 by 319		
Antimony	500 mg/Kg	89.6	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Arsenic	500 mg/Kg	91.3	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Beryllium	50.0 mg/Kg	89.7	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Cadmium	500 mg/Kg	91.6	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Chromium	50.0 mg/Kg	93.0	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Copper	50.0 mg/Kg	89.5	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Lead	500 mg/Kg	94.9	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Molybdenum	50.0 mg/Kg	89.5	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Nickel	50.0 mg/Kg	92.4	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Selenium	500 mg/Kg	85.3	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Silver	10.0 mg/Kg	96.5	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Thallium	500 mg/Kg	90.2	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Zinc	50.0 mg/Kg	91.3	85.0-115			S41691	06Sep16 1028 by 313	06Sep16 1443 by 308		
Mercury	1.25 mg/Kg	85.4	85.0-115			S41678	01Sep16 0759 by 313	01Sep16 1012 by 313		
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	81.0	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Acenaphthylene	40 ug/l	81.0	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Anthracene	40 ug/l	86.2	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzidine	100 ug/l	6.62	0.00-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(a)anthracene	40 ug/l	88.1	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(a)pyrene	40 ug/l	103	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(b)fluoranthene	40 ug/l	103	45.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(g,h,i)perylene	40 ug/l	90.3	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(k)fluoranthene	40 ug/l	105	45.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
bis(2-Chloroethoxy)Methane	40 ug/l	82.4	45.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
bis(2-Chloroethyl)Ether	40 ug/l	86.6	35.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		

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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)										
bis(2-Chloroisopropyl)Ether	40 ug/l	82.2	25.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
bis(2-Ethylhexyl)Phthalate	40 ug/l	92.4	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Bromophenyl phenyl ether	40 ug/l	86.6	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Butyl benzyl phthalate	40 ug/l	93.1	45.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Chloro-3-methylphenol	40 ug/l	73.6	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Chloronaphthalene	40 ug/l	82.4	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Chlorophenol	40 ug/l	80.7	35.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	87.2	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Chrysene	40 ug/l	85.8	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Di-n-butyl phthalate	40 ug/l	99.6	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Di-n-octyl phthalate	40 ug/l	109	35.0-135			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Dibenz(a,h)anthracene	40 ug/l	91.3	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
3,3'-Dichlorobenzidine	40 ug/l	62.4	20.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dichlorophenol	40 ug/l	78.3	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Diethyl phthalate	40 ug/l	89.0	40.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Dimethyl phthalate	40 ug/l	88.8	25.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dimethylphenol	40 ug/l	58.9	30.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4,6-Dinitro-2-methylphenol	40 ug/l	71.6	40.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dinitrophenol	40 ug/l	43.8	15.0-140			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dinitrotoluene	40 ug/l	84.6	50.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,6-Dinitrotoluene	40 ug/l	83.2	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
1,2-Diphenylhydrazine	40 ug/l	98.3	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Fluoranthene	40 ug/l	79.6	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Fluorene	40 ug/l	86.3	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorobenzene	40 ug/l	79.1	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorobutadiene	40 ug/l	65.4	25.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorocyclopentadiene	40 ug/l	73.2	46.2-107			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachloroethane	40 ug/l	70.5	30.0-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	88.6	45.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Isophorone	40 ug/l	72.2	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
N-Nitroso-di-n-propylamine	40 ug/l	81.5	35.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
n-Nitrosodimethylamine	40 ug/l	62.4	25.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
n-Nitrosodiphenylamine	40 ug/l	89.8	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Naphthalene	40 ug/l	75.4	40.0-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Nitrobenzene	40 ug/l	79.5	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Nitrophenol	40 ug/l	77.9	40.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Nitrophenol	40 ug/l	49.1	0.00-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Pentachlorophenol	40 ug/l	52.9	40.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Phenanthrene	40 ug/l	86.8	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Phenol	40 ug/l	48.1	0.00-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		

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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)										
Pyrene	40 ug/l	103	50.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
1,2,4-Trichlorobenzene	40 ug/l	73.0	35.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4,6-Trichlorophenol	40 ug/l	78.0	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	88.5	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Fluorophenol	40 ug/l	61.4	20.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Nitrobenzene-D5	40 ug/l	80.7	40.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Terphenyl-D14	40 ug/l	104	50.0-135			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4,6-Tribromophenol	40 ug/l	77.8	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	81.0	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Acenaphthylene	40 ug/l	81.0	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Anthracene	40 ug/l	86.2	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzidine	100 ug/l	6.62	0.00-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(a)anthracene	40 ug/l	88.1	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(a)pyrene	40 ug/l	103	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(g,h,i)perylene	40 ug/l	90.3	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Benzo(k)fluoranthene	40 ug/l	105	45.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
3,4-Benzofluoranthene	40 ug/l	103	45.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Bis(2-chloroethoxy)methane	40 ug/l	82.4	45.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Bis(2-chloroethyl)ether	40 ug/l	86.6	35.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Bis(2-chloroisopropyl)ether	40 ug/l	82.2	25.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Bis(2-ethylhexyl)phthalate	40 ug/l	92.4	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Bromophenyl phenyl ether	40 ug/l	86.6	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Butylbenzyl phthalate	40 ug/l	93.1	45.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Chloronaphthalene	40 ug/l	82.4	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Chlorophenol	40 ug/l	80.7	35.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	87.2	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Chrysene	40 ug/l	85.8	55.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Di-n-butyl phthalate	40 ug/l	99.6	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Di-n-octyl phthalate	40 ug/l	109	35.0-135			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Dibenz(a,h)anthracene	40 ug/l	91.3	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
3,3'-Dichlorobenzidine	40 ug/l	62.4	20.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dichlorophenol	40 ug/l	78.3	50.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Diethyl phthalate	40 ug/l	89.0	40.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Dimethyl phthalate	40 ug/l	88.8	25.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dimethylphenol	40 ug/l	58.9	30.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4,6-Dinitro-o-cresol	40 ug/l	71.6	40.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4-Dinitrophenol	40 ug/l	43.8	15.0-140			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		

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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)										
2,4-Dinitrotoluene	40 ug/l	84.6	50.0-120			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,6-Dinitrotoluene	40 ug/l	83.2	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
1,2-Diphenylhydrazine	40 ug/l	98.3	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Fluoranthene	40 ug/l	79.6	55.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Fluorene	40 ug/l	86.3	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorobenzene	40 ug/l	79.1	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorobutadiene	40 ug/l	65.4	25.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachlorocyclopentadiene	40 ug/l	73.2	46.2-107			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Hexachloroethane	40 ug/l	70.5	30.0-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	88.6	45.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Isophorone	40 ug/l	72.2	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
n-Nitrosodi-n-propylamine	40 ug/l	81.5	35.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
n-Nitrosodimethylamine	40 ug/l	62.4	25.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
n-Nitrosodiphenylamine	40 ug/l	89.8	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Naphthalene	40 ug/l	75.4	40.0-100			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Nitrobenzene	40 ug/l	79.5	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Nitrophenol	40 ug/l	77.9	40.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
4-Nitrophenol	40 ug/l	49.1	0.00-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
p-Chloro-m-cresol	40 ug/l	73.6	45.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Pentachlorophenol	40 ug/l	52.9	40.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Phenanthrene	40 ug/l	86.8	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Phenol	40 ug/l	48.1	0.00-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Pyrene	40 ug/l	103	50.0-130			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
1,2,4-Trichlorobenzene	40 ug/l	73.0	35.0-105			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4,6-Trichlorophenol	40 ug/l	78.0	50.0-115			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	88.5	50.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2-Fluorophenol	40 ug/l	61.4	20.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Nitrobenzene-D5	40 ug/l	80.7	40.0-110			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Terphenyl-D14	40 ug/l	104	50.0-135			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
2,4,6-Tribromophenol	40 ug/l	77.8	40.0-125			B10148	01Sep16 0939 by 306	01Sep16 1618 by 306		
Organochlorine Pesticides and PCBs										
Aldrin	10 ug/l	63.5	25.0-140			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
alpha-BHC	10 ug/l	61.9	60.0-130			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
alpha-Endosulfan	10 ug/l	68.4	50.0-110			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
beta-BHC	10 ug/l	71.3	65.0-125			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
beta-Endosulfan	10 ug/l	74.5	30.0-130			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Chlorpyrifos	10 ug/l	84.6	75.5-104			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
4,4'-DDD	10 ug/l	74.5	25.0-150			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides and PCBs (Continued)										
4,4'-DDE	10 ug/l	67.3	35.0-140			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
4,4'-DDT	10 ug/l	80.8	45.0-140			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
delta-BHC	10 ug/l	69.9	45.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Dieldrin	10 ug/l	72.1	60.0-130			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Endosulfan sulfate	10 ug/l	74.6	55.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Endrin	10 ug/l	72.8	55.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Endrin aldehyde	10 ug/l	80.6	55.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
gamma-BHC	10 ug/l	66.2	25.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Heptachlor	10 ug/l	68.9	40.0-130			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Heptachlor epoxide	10 ug/l	70.9	60.0-130			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Organochlorine Pesticides and PCBs Surrogates:										
Decachlorobiphenyl	20 ug/l	91.0	30.0-135			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		
Tetrachloro-m-xylene	20 ug/l	102	25.0-140			G10583	01Sep16 1309 by 306	01Sep16 1630 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Antimony	205141-1	0.05 mg/l	104	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	100	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		4.16	20.0	S41669				
Total Recoverable Arsenic	205141-1	0.05 mg/l	99.2	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	95.7	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.49	20.0	S41669				
Total Recoverable Beryllium	205141-1	0.05 mg/l	83.3	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	80.2	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.72	20.0	S41669				
Total Recoverable Cadmium	205141-1	0.05 mg/l	103	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	98.4	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		4.18	20.0	S41669				
Total Recoverable Chromium	205141-1	0.05 mg/l	84.3	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	82.7	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		1.85	20.0	S41669				
Total Recoverable Copper	205141-1	0.05 mg/l	87.2	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	85.3	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		2.07	20.0	S41669				
Total Recoverable Lead	205141-1	0.05 mg/l	104	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	101	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.39	20.0	S41669				
Total Recoverable Molybdenum	205141-1	0.05 mg/l	90.9	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	82.2	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		4.77	20.0	S41669				
Total Recoverable Nickel	205141-1	0.05 mg/l	87.6	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	84.6	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.03	20.0	S41669				
Total Recoverable Selenium	205141-1	0.05 mg/l	100	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	96.2	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.67	20.0	S41669				
Total Recoverable Silver	205141-1	0.02 mg/l	101	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.02 mg/l	96.8	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		3.90	20.0	S41669				
Total Recoverable Thallium	205141-1	0.05 mg/l	106	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	103	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		2.88	20.0	S41669				
Total Recoverable Zinc	205141-1	0.05 mg/l	86.4	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1344 by 07		
	205141-1	0.05 mg/l	83.9	75.0-125	S41669	31Aug16 0831 by 07	31Aug16 1350 by 07		
	Relative Percent Difference:		2.76	20.0	S41669				
Total Cyanide	205277-1	0.995 mg/Kg	90.0	75.0-125	W57080	07Sep16 1021 by 319	07Sep16 1429 by 319		
	205277-1	0.995 mg/Kg	90.7	75.0-125	W57080	07Sep16 1021 by 319	07Sep16 1430 by 319		
	Relative Percent Difference:		0.775	20.0	W57080				
Total Recoverable Phenolics	205166-2	9.60 mg/Kg	98.2	80.0-120	W57061	06Sep16 0951 by 319	07Sep16 0921 by 319		
	205166-2	9.61 mg/Kg	94.8	80.0-120	W57061	06Sep16 0951 by 319	07Sep16 0922 by 319		
	Relative Percent Difference:		3.11	10.0	W57061				
Antimony	205252-1	496 mg/Kg	78.9	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	76.4	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		3.46	20.0	S41691				
Arsenic	205252-1	496 mg/Kg	87.3	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	90.1	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		2.99	20.0	S41691				

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Beryllium	205252-1	49.6 mg/Kg	84.6	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	49.9 mg/Kg	89.7	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		5.72	20.0	S41691				
Cadmium	205252-1	496 mg/Kg	81.2	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	85.9	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		5.37	20.0	S41691				
Chromium	205252-1	49.6 mg/Kg	86.2	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	49.9 mg/Kg	87.4	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		0.356	20.0	S41691				
Copper	205252-1	49.6 mg/Kg	79.0	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	49.9 mg/Kg	81.0	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		0.768	20.0	S41691				
Lead	205252-1	496 mg/Kg	81.8	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	86.7	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		5.09	20.0	S41691				
Molybdenum	205252-1	49.6 mg/Kg	80.4	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	49.9 mg/Kg	82.7	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		2.53	20.0	S41691				
Nickel	205252-1	49.6 mg/Kg	82.1	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	49.9 mg/Kg	85.1	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		1.68	20.0	S41691				
Selenium	205252-1	496 mg/Kg	84.2	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	85.9	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		1.87	20.0	S41691				
Silver	205252-1	9.92 mg/Kg	85.3	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	9.99 mg/Kg	89.9	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		5.01	20.0	S41691				
Thallium	205252-1	496 mg/Kg	76.8	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		
	205252-1	499 mg/Kg	80.1	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		
	Relative Percent Difference:		4.04	20.0	S41691				
Zinc	205252-1	49.6 mg/Kg	-	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1450 by 308		X
	205252-1	49.9 mg/Kg	-	75.0-125	S41691	06Sep16 1028 by 313	06Sep16 1457 by 308		X
	Relative Percent Difference:		1.08	20.0	S41691				
Mercury	205166-2	2.48 mg/Kg	87.9	70.0-130	S41678	01Sep16 0759 by 313	01Sep16 1017 by 313		
	205166-2	2.45 mg/Kg	93.8	70.0-130	S41678	01Sep16 0759 by 313	01Sep16 1021 by 313		
	Relative Percent Difference:		5.23	20.0	S41678				
Base/Neutral and Acid Compounds									
Acenaphthene	205166-1	40 ug/l	73.9	45.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Acenaphthylene	205166-1	40 ug/l	77.8	50.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Anthracene	205166-1	40 ug/l	78.2	55.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Benzidine	205166-1	100 ug/l	2.56	0.00-77.7	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Benzo(a)anthracene	205166-1	40 ug/l	82.6	55.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Benzo(a)pyrene	205166-1	40 ug/l	93.6	55.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Benzo(g,h,i)perylene	205166-1	40 ug/l	77.3	40.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Benzo(k)fluoranthene	205166-1	40 ug/l	96.6	45.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
3,4-Benzofluoranthene	205166-1	40 ug/l	93.6	45.0-120	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Bis(2-chloroethoxy)methane	205166-1	40 ug/l	72.6	45.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		

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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)									
Bis(2-chloroethyl)ether	205166-1	40 ug/l	76.8	35.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Bis(2-chloroisopropyl)ether	205166-1	40 ug/l	73.2	25.0-130	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Bis(2-ethylhexyl)phthalate	205166-1	40 ug/l	86.2	40.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
4-Bromophenyl phenyl ether	205166-1	40 ug/l	81.4	50.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Butylbenzyl phthalate	205166-1	40 ug/l	88.5	45.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2-Chloronaphthalene	205166-1	40 ug/l	74.1	50.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2-Chlorophenol	205166-1	40 ug/l	71.6	35.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
4-Chlorophenyl phenyl ether	205166-1	40 ug/l	81.4	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Chrysene	205166-1	40 ug/l	80.6	55.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Di-n-butyl phthalate	205166-1	40 ug/l	88.4	55.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Di-n-octyl phthalate	205166-1	40 ug/l	101	35.0-135	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Dibenz(a,h)anthracene	205166-1	40 ug/l	77.9	40.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
3,3'-Dichlorobenzidine	205166-1	40 ug/l	52.9	20.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4-Dichlorophenol	205166-1	40 ug/l	69.7	50.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Diethyl phthalate	205166-1	40 ug/l	83.0	40.0-120	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Dimethyl phthalate	205166-1	40 ug/l	81.8	25.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4-Dimethylphenol	205166-1	40 ug/l	46.7	30.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
4,6-Dinitro-o-cresol	205166-1	40 ug/l	77.3	40.0-130	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4-Dinitrophenol	205166-1	40 ug/l	72.4	15.0-140	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4-Dinitrotoluene	205166-1	40 ug/l	78.4	50.0-120	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,6-Dinitrotoluene	205166-1	40 ug/l	78.5	50.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
1,2-Diphenylhydrazine	205166-1	40 ug/l	90.3	55.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Fluoranthene	205166-1	40 ug/l	73.7	55.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Fluorene	205166-1	40 ug/l	81.2	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Hexachlorobenzene	205166-1	40 ug/l	73.4	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Hexachlorobutadiene	205166-1	40 ug/l	58.2	25.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Hexachlorocyclopentadiene	205166-1	40 ug/l	69.0	41.2-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Hexachloroethane	205166-1	40 ug/l	63.6	30.0-100	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Indeno(1,2,3-cd)pyrene	205166-1	40 ug/l	76.6	45.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Isophorone	205166-1	40 ug/l	64.1	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
n-Nitrosodi-n-propylamine	205166-1	40 ug/l	72.8	35.0-130	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
n-Nitrosodimethylamine	205166-1	40 ug/l	50.5	25.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
n-Nitrosodiphenylamine	205166-1	40 ug/l	83.2	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Naphthalene	205166-1	40 ug/l	68.3	40.0-100	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Nitrobenzene	205166-1	40 ug/l	69.2	45.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2-Nitrophenol	205166-1	40 ug/l	68.6	40.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
4-Nitrophenol	205166-1	40 ug/l	56.8	0.00-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
p-Chloro-m-cresol	205166-1	40 ug/l	65.6	45.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Pentachlorophenol	205166-1	40 ug/l	58.4	40.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Phenanthrene	205166-1	40 ug/l	78.8	50.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		

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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)									
Phenol	205166-1	40 ug/l	38.0	0.00-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Pyrene	205166-1	40 ug/l	99.6	50.0-130	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
1,2,4-Trichlorobenzene	205166-1	40 ug/l	64.0	35.0-105	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4,6-Trichlorophenol	205166-1	40 ug/l	72.9	50.0-115	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	205166-1	40 ug/l	79.5	50.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2-Fluorophenol	205166-1	40 ug/l	48.8	20.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Nitrobenzene-D5	205166-1	40 ug/l	68.4	40.0-110	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Terphenyl-D14	205166-1	40 ug/l	96.6	50.0-135	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
2,4,6-Tribromophenol	205166-1	40 ug/l	71.1	40.0-125	B10148	01Sep16 0939 by 306	01Sep16 1651 by 306		
Organochlorine Pesticides and PCBs									
Aldrin	205166-1	10 ug/l	68.2	25.0-140	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
alpha-BHC	205166-1	10 ug/l	108	60.0-130	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
alpha-Endosulfan	205166-1	10 ug/l	98.7	50.0-110	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
beta-BHC	205166-1	10 ug/l	92.2	65.0-125	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
beta-Endosulfan	205166-1	10 ug/l	85.8	30.0-130	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Chlorpyrifos	205166-1	10 ug/l	97.1	69.6-121	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
4,4'-DDD	205166-1	10 ug/l	82.4	25.0-150	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
4,4'-DDE	205166-1	10 ug/l	101	35.0-140	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
4,4'-DDT	205166-1	10 ug/l	84.5	45.0-140	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
delta-BHC	205166-1	10 ug/l	95.9	45.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Dieldrin	205166-1	10 ug/l	81.8	60.0-130	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Endosulfan sulfate	205166-1	10 ug/l	97.3	55.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Endrin	205166-1	10 ug/l	100	55.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Endrin aldehyde	205166-1	10 ug/l	94.9	55.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
gamma-BHC	205166-1	10 ug/l	92.2	25.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Heptachlor	205166-1	10 ug/l	92.7	40.0-130	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Heptachlor epoxide	205166-1	10 ug/l	82.7	60.0-130	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Organochlorine Pesticides and PCBs Surrogates:									
Decachlorobiphenyl	205166-1	20 ug/l	108	30.0-135	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		
Tetrachloro-m-xylene	205166-1	20 ug/l	99.8	25.0-140	G10583	01Sep16 1309 by 306	01Sep16 1644 by 306		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Cadmium	< 0.0002 mg/l	0.0002	0.0002	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Molybdenum	< 0.008 mg/l	0.008	0.008	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S41669-1	31Aug16 0831 by 07	31Aug16 1333 by 07	
Total Cyanide	< 0.1 mg/Kg	0.1	0.1	W57080-1	07Sep16 1021 by 319	07Sep16 1424 by 319	
Total Recoverable Phenolics	< 0.5 mg/Kg	0.5	0.5	W57061-1	06Sep16 0951 by 319	07Sep16 0919 by 319	
Total Solids	< 0.01 wt %	0.01	0.01	W57001-1	30Aug16 0830 by 100	31Aug16 1254 by 100	
Antimony	< 3 mg/Kg	3	3	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Arsenic	< 5 mg/Kg	5	5	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Beryllium	< 0.03 mg/Kg	0.03	0.03	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Cadmium	< 0.4 mg/Kg	0.4	0.4	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Chromium	< 0.7 mg/Kg	0.7	0.7	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Copper	< 0.6 mg/Kg	0.6	0.6	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Lead	< 4 mg/Kg	4	4	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Molybdenum	< 0.8 mg/Kg	0.8	0.8	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Nickel	< 1 mg/Kg	1	1	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Selenium	< 7 mg/Kg	7	7	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Silver	< 0.7 mg/Kg	0.7	0.7	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Thallium	< 4 mg/Kg	4	4	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Zinc	< 0.2 mg/Kg	0.2	0.2	S41691-1	06Sep16 1028 by 313	06Sep16 1438 by 308	
Mercury	< 0.1 mg/Kg	0.1	0.1	S41678-1	01Sep16 0759 by 313	01Sep16 1004 by 313	
Base/Neutral and Acid Compounds							
Acenaphthene	< 0.85 ug/l	0.85	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Acenaphthylene	< 1.7 ug/l	1.7	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Anthracene	< 2.1 ug/l	2.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Benzidine	< 5.1 ug/l	5.1	25	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Benzo(a)anthracene	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Benzo(a)pyrene	< 1.2 ug/l	1.2	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Benzo(g,h,i)perylene	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Benzo(k)fluoranthene	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
3,4-Benzofluoranthene	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Bis(2-chloroethoxy)methane	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Bis(2-chloroethyl)ether	< 0.83 ug/l	0.83	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Bis(2-chloroisopropyl)ether	< 0.90 ug/l	0.90	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Bis(2-ethylhexyl)phthalate	< 1.4 ug/l	1.4	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
4-Bromophenyl phenyl ether	< 0.96 ug/l	0.96	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Butylbenzyl phthalate	< 1.5 ug/l	1.5	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2-Chloronaphthalene	< 0.82 ug/l	0.82	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2-Chlorophenol	< 0.72 ug/l	0.72	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
4-Chlorophenyl phenyl ether	< 0.92 ug/l	0.92	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Chrysene	< 0.95 ug/l	0.95	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Di-n-butyl phthalate	< 2.2 ug/l	2.2	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Di-n-octyl phthalate	< 0.78 ug/l	0.78	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Dibenz(a,h)anthracene	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4-Dichlorophenol	< 0.98 ug/l	0.98	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Diethyl phthalate	< 1.8 ug/l	1.8	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Dimethyl phthalate	< 1.6 ug/l	1.6	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4-Dimethylphenol	< 1.5 ug/l	1.5	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
4,6-Dinitro-o-cresol	< 1.9 ug/l	1.9	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4-Dinitrophenol	< 1.4 ug/l	1.4	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,6-Dinitrotoluene	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
1,2-Diphenylhydrazine	< 0.71 ug/l	0.71	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Fluoranthene	< 1.8 ug/l	1.8	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Fluorene	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Hexachlorobenzene	< 0.93 ug/l	0.93	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Hexachlorobutadiene	< 0.75 ug/l	0.75	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Hexachlorocyclopentadiene	< 0.64 ug/l	0.64	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Hexachloroethane	< 0.59 ug/l	0.59	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Indeno(1,2,3-cd)pyrene	< 1.6 ug/l	1.6	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Isophorone	< 1.0 ug/l	1.0	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
n-Nitrosodi-n-propylamine	< 0.94 ug/l	0.94	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
n-Nitrosodimethylamine	< 1.4 ug/l	1.4	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
n-Nitrosodiphenylamine	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	R
Naphthalene	< 1.4 ug/l	1.4	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Nitrobenzene	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2-Nitrophenol	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
4-Nitrophenol	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
p-Chloro-m-cresol	< 1.1 ug/l	1.1	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Pentachlorophenol	< 0.95 ug/l	0.95	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Phenanthrene	< 0.86 ug/l	0.86	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Phenol	< 0.52 ug/l	0.52	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Pyrene	< 1.4 ug/l	1.4	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
1,2,4-Trichlorobenzene	< 0.73 ug/l	0.73	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4,6-Trichlorophenol	< 1.3 ug/l	1.3	5.0	B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	86.8 %			B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2-Fluorophenol (20.0-110%)	64.0 %			B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Nitrobenzene-D5 (40.0-110%)	79.8 %			B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Terphenyl-D14 (50.0-135%)	113 %			B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
2,4,6-Tribromophenol (40.0-125%)	55.9 %			B10148-1	01Sep16 0939 by 306	01Sep16 1545 by 306	
Organochlorine Pesticides and PCBs							
Aldrin	< 0.0018 ug/l	0.0018	0.010	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
alpha-BHC	< 0.0013 ug/l	0.0013	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
alpha-Endosulfan	< 0.0045 ug/l	0.0045	0.010	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
beta-BHC	< 0.0025 ug/l	0.0025	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
beta-Endosulfan	< 0.0016 ug/l	0.0016	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Chlordane	< 0.023 ug/l	0.023	0.10	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Chlorpyrifos	< 0.00096 ug/l	0.00096	0.050	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Organochlorine Pesticides and PCBs							
4,4'-DDD	< 0.0016 ug/l	0.0016	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
4,4'-DDE	< 0.0014 ug/l	0.0014	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
4,4'-DDT	< 0.0027 ug/l	0.0027	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
delta-BHC	< 0.0029 ug/l	0.0029	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Dieldrin	< 0.0011 ug/l	0.0011	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Endosulfan sulfate	< 0.0028 ug/l	0.0028	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Endrin	< 0.0013 ug/l	0.0013	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Endrin aldehyde	< 0.0027 ug/l	0.0027	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
gamma-BHC	< 0.0030 ug/l	0.0030	0.020	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Heptachlor	< 0.0027 ug/l	0.0027	0.010	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Heptachlor epoxide	< 0.00091 ug/l	0.00091	0.010	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1016	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1221	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1232	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1242	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1248	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1254	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
PCB 1260	< 0.20 ug/l	0.20	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Toxaphene	< 0.12 ug/l	0.12	0.20	G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Organochlorine Pesticides and PCBs Surrogates:							
Decachlorobiphenyl (30.0-135%)	72.4 %			G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	
Tetrachloro-m-xylene (25.0-140%)	84.2 %			G10583-1	01Sep16 1309 by 306	01Sep16 1615 by 306	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: SPRINGDALE WATER UTILITIES
Project Reference: TABLE II, III
Project Manager: BRAD STEWART
Sampled By: OPERATIONS, BIOSOLIDS

PO No. 0019302.00

AIC CONTROL NO: 205166
AIC PROPOSAL NO:
Carrier: FED EX
Received Temperature C: 0.1
Remarks:

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	NO OF BOTTLES	ANALYSES REQUESTED: BNA 625	PEST. 608	PP METALS + Mo (No Hg)	PHENOLICS, PP METALS + Mo, CN, T, T. SOLIDS
1	EFFLUENT	0800 - 0800 08/25-26/16		✓	✓			4	✓			
1	EFFLUENT	0800 - 0800 08/25-26/16		✓	✓			4		✓		
1	EFFLUENT	0800 - 0800 08/25-26/16		✓	✓			1			✓	
2	BELT PRESS INFLUENT	0700 08/26/16	✓				✓	1				✓
		Container Type							G	G	P	G
		Preservative							NO	NO	N	NO

G = Glass, P = Plastic, V = VOA vials, H = HCl to pH2, T = Sodium Thiosulfate
NO = none, S = Sulfuric acid pH2, N = Nitric acid pH2, B = NaOH to pH12, Z = Zinc acetate, A=$(NH_4)_2SO_4$, NH_4OH

Field pH calibration on _____ @ _____
Buffer:

Turnaround Time Requested: (Please circle)
(NORMAL) or EXPEDITED IN ____ DAYS
Expedited results requested by: N/A
Who should AIC contact with questions: BRAD STEWART
Phone: (479)756-3659 Fax: (479)750-7195
Report Attention to: BRAD STEWART
Report Address to: P.O. BOX 769 SPRINGDALE, AR 72765
Email Address: bstewart@springdalewater.com

Relinquished By:	Date/Time	Received By:	Date/Time
Mike Pendergrass	08/29/16 · 1130		
Relinquished By:	Date/Time	Received in Lab By:	Date/Time
		D. BROWN	8-30-16. 1050

Comments:

7839 4782 4578

9/2014

FORM 0060

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for samples submitted on August 26, 2016. 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.

Steve Bradford

Steve Bradford
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: Springdale Water Utilities
ATTN: Mr. Brad Stewart
bstewart@springdalewater.com

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:
Three (3) water sample(s) received on August 26, 2016
Table II, III
P.O. No. 0019302 00

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

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

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
205076-1	Influent	23-Aug-2016 1400	
205076-2	Effluent	25-Aug-2016 0200	
205076-3	Effluent	25-Aug-2016 0200	

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
- X Spiking level is invalid due to the high concentration of analyte in the spiked sample

Case Narrative:
Equivalent composite of four (4) samples was prepared for Control No. 205076-3.

Low recoveries for Base/Neutral and Acid surrogates, 2-Fluorophenol and 2,4,6-Tribromophenol, are due to matrix interference.

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).

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205076-1
Sample Identification: Influent 23-Aug-2016 1400

Analyte		Result	RL	Units	Qualifier
Total Recoverable Antimony		**< 60**	60	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Arsenic		**4.8**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Beryllium		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Cadmium		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Chromium		**< 10**	10	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Copper		**26**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Lead		**0.83**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Molybdenum		**< 8**	8	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Nickel		**8.0**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Selenium		**< 5**	5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Silver		**< 0.5**	0.5	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Thallium		**< 0.2**	0.2	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Total Recoverable Zinc		**100**	20	**ug/l**	
EPA 200.8	Prep: 29-Aug-2016 1353 by 07	Analyzed: 29-Aug-2016 1808 by 07		Batch: S41655	
Base/Neutral and Acid Compounds By EPA 625					
Acenaphthene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Acenaphthylene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Anthracene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Benzidine		**< 50**	50	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Benzo(a)anthracene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Benzo(a)pyrene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205076-1 (Continued)
Sample Identification: Influent 23-Aug-2016 1400

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Benzo(g,h,i)perylene	**< 20**	20	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Benzo(k)fluoranthene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
3,4-Benzofluoranthene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Bis(2-chloroethoxy)methane	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Bis(2-chloroethyl)ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Bis(2-chloroisopropyl)ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Bis(2-ethylhexyl)phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
4-Bromophenyl phenyl ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Butylbenzyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2-Chloronaphthalene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2-Chlorophenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
4-Chlorophenyl phenyl ether	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Chrysene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Di-n-butyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Di-n-octyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Dibenz(a,h)anthracene	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
3,3'-Dichlorobenzidine	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,4-Dichlorophenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Diethyl phthalate	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	

Springdale Water Utilities
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ANALYTICAL RESULTS

AIC No. 205076-1 (Continued)
Sample Identification: Influent 23-Aug-2016 1400

Analyte		Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)					
Dimethyl phthalate		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,4-Dimethylphenol		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
4,6-Dinitro-o-cresol		**< 50**	50	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,4-Dinitrophenol		**< 50**	50	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,4-Dinitrotoluene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,6-Dinitrotoluene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
1,2-Diphenylhydrazine		**< 20**	20	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Fluoranthene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Fluorene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Hexachlorobenzene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Hexachlorobutadiene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Hexachlorocyclopentadiene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Hexachloroethane		**< 20**	20	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Indeno(1,2,3-cd)pyrene		**< 5.0**	5.0	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Isophorone		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
n-Nitrosodi-n-propylamine		**< 20**	20	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
n-Nitrosodimethylamine		**< 50**	50	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
n-Nitrosodiphenylamine		**< 20**	20	**ug/l**	R
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Naphthalene		**< 10**	10	**ug/l**	
EPA 625	Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 205076-1 (Continued)
Sample Identification: Influent 23-Aug-2016 1400

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Nitrobenzene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2-Nitrophenol	**< 20**	20	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
4-Nitrophenol	**< 50**	50	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
p-Chloro-m-cresol	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Pentachlorophenol	**< 5.0**	5.0	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Phenanthrene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Phenol	**58**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Pyrene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
1,2,4-Trichlorobenzene	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
2,4,6-Trichlorophenol	**< 10**	10	**ug/l**	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Surrogate: 2-Fluorobiphenyl (50.0-110%)	73.2		%	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Surrogate: 2-Fluorophenol (20.0-110%)	19.7		%	Q
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Surrogate: Nitrobenzene-D5 (40.0-110%)	59.6		%	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Surrogate: Terphenyl-D14 (50.0-135%)	65.6		%	
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Surrogate: 2,4,6-Tribromophenol (40.0-125%)	27.3		%	Q
EPA 625 Prep: 30-Aug-2016 0920 by 306	Analyzed: 31-Aug-2016 1633 by 306		Batch: B10146	
Organochlorine Pesticides and PCBs By EPA 608				
Aldrin	**< 0.010**	0.010	**ug/l**	
EPA 608 Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
alpha-BHC	**< 0.050**	0.050	**ug/l**	
EPA 608 Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
alpha-Endosulfan	**< 0.010**	0.010	**ug/l**	
EPA 608 Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
beta-BHC	**< 0.050**	0.050	**ug/l**	
EPA 608 Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	

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ANALYTICAL RESULTS

AIC No. 205076-1 (Continued)
Sample Identification: Influent 23-Aug-2016 1400

Analyte		Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)					
beta-Endosulfan		**< 0.020**	0.020	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Chlordane		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Chlorpyrifos		**< 0.070**	0.070	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
4,4'-DDD		**< 0.10**	0.10	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
4,4'-DDE		**< 0.10**	0.10	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
4,4'-DDT		**< 0.020**	0.020	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
delta-BHC		**< 0.050**	0.050	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Dieldrin		**< 0.020**	0.020	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Endosulfan sulfate		**< 0.10**	0.10	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Endrin		**< 0.020**	0.020	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Endrin aldehyde		**< 0.10**	0.10	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
gamma-BHC		**< 0.050**	0.050	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Heptachlor		**< 0.010**	0.010	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Heptachlor epoxide		**< 0.010**	0.010	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1016		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1221		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1232		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1242		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1248		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	

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ANALYTICAL RESULTS

AIC No. 205076-1 (Continued)
Sample Identification: Influent 23-Aug-2016 1400

Analyte		Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)					
PCB 1254		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
PCB 1260		**< 0.20**	0.20	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Toxaphene		**< 0.30**	0.30	**ug/l**	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Surrogate: Decachlorobiphenyl (30.0-135%)		63.8		%	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	
Surrogate: Tetrachloro-m-xylene (25.0-140%)		81.0		%	
EPA 608	Prep: 29-Aug-2016 1527 by 306	Analyzed: 30-Aug-2016 1505 by 306		Batch: G10579	

AIC No. 205076-2
Sample Identification: Effluent 25-Aug-2016 0200

Analyte		Result	RL	Units	Qualifier
Total Recoverable Phenolics		**14**	5	**ug/l**	
EPA 420.1	Prep: 29-Aug-2016 0845 by 319	Analyzed: 30-Aug-2016 1208 by 319		Batch: W56984	
Total Cyanide		**< 10**	10	**ug/l**	
SM 4500-CN C,E 1999	Prep: 29-Aug-2016 1045 by 301	Analyzed: 29-Aug-2016 1508 by 319		Batch: W56988	

AIC No. 205076-3
Sample Identification: Effluent 25-Aug-2016 0200

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624					
Acrolein		**< 50**	50	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Acrylonitrile		**< 20**	20	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Benzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Bromoform		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Carbon tetrachloride		**< 2.0**	2.0	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Chlorobenzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Chlorodibromomethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Chloroethane		**< 50**	50	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	

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ANALYTICAL RESULTS

AIC No. 205076-3 (Continued)
Sample Identification: Effluent 25-Aug-2016 0200

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)					
2-Chloroethyl vinyl ether		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Chloroform		**19**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,2-Dichlorobenzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,3-Dichlorobenzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,4-Dichlorobenzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Dichlorobromomethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,1-Dichloroethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,2-Dichloroethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,1-Dichloroethylene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
trans-1,2-Dichloroethylene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,2-Dichloropropane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,3-Dichloropropylene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Ethylbenzene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Methyl bromide(Bromomethane)		**< 50**	50	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Methyl chloride(Chloromethane)		**< 50**	50	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Methylene chloride		**< 20**	20	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,1,2,2-Tetrachloroethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Tetrachloroethylene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Toluene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	

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ANALYTICAL RESULTS

AIC No. 205076-3 (Continued)
Sample Identification: Effluent 25-Aug-2016 0200

Analyte		Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)					
1,1,1-Trichloroethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
1,1,2-Trichloroethane		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Trichloroethylene		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Vinyl chloride		**< 10**	10	**ug/l**	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Surrogate: 4-Bromofluorobenzene (75.0-120%)		93.4		%	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Surrogate: Dibromofluoromethane (85.0-115%)		96.7		%	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	
Surrogate: Toluene-D8 (85.0-120%)		94.9		%	
EPA 624	Prep: 26-Aug-2016 1048 by 306	Analyzed: 26-Aug-2016 1728 by 301		Batch: V9034	

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds									
Acenaphthene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Acenaphthylene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Anthracene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzidine		205124-1	< 25 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 25 ug/l	0.00	0.00	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzo(a)anthracene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzo(a)pyrene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzo(b)fluoranthene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzo(g,h,i)perylene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Benzo(k)fluoranthene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
bis(2-Chloroethoxy)Methane		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
bis(2-Chloroethyl)Ether		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
bis(2-Chloroisopropyl)Ether		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
bis(2-Ethylhexyl)Phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
4-Bromophenyl phenyl ether		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Butyl benzyl phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
4-Chloro-3-methylphenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2-Chloronaphthalene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2-Chlorophenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
4-Chlorophenyl phenyl ether		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Chrysene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Di-n-butyl phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Di-n-octyl phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Dibenz(a,h)anthracene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
3,3'-Dichlorobenzidine		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4-Dichlorophenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Diethyl phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Dimethyl phthalate		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4-Dimethylphenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
4,6-Dinitro-2-methylphenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4-Dinitrophenol		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4-Dinitrotoluene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,6-Dinitrotoluene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
1,2-Diphenylhydrazine		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Fluoranthene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Fluorene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Hexachlorobenzene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Hexachlorobutadiene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Hexachlorocyclopentadiene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Hexachloroethane		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Indeno(1,2,3-cd)pyrene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Isophorone		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
N-Nitroso-di-n-propylamine		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
n-Nitrosodimethylamine		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
n-Nitrosodiphenylamine		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		R
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		R
Naphthalene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Nitrobenzene		205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
	Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)								
2-Nitrophenol	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
4-Nitrophenol	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Pentachlorophenol	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Phenanthrene	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Phenol	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
Pyrene	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
1,2,4-Trichlorobenzene	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4,6-Trichlorophenol	205124-1	< 5.0 ug/l			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	< 5.0 ug/l	0.00	30.0	30Aug16 0921 by 306	30Aug16 1522 by 306		
2-Fluorobiphenyl (50.0-110%)	205124-1	81.2 %			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	63.2 %			30Aug16 0921 by 306	30Aug16 1522 by 306		
2-Fluorophenol (20.0-110%)	205124-1	75.2 %			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	59.3 %			30Aug16 0921 by 306	30Aug16 1522 by 306		
Nitrobenzene-D5 (40.0-110%)	205124-1	70.4 %			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	54.1 %			30Aug16 0921 by 306	30Aug16 1522 by 306		
Terphenyl-D14 (50.0-135%)	205124-1	80.2 %			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	74.2 %			30Aug16 0921 by 306	30Aug16 1522 by 306		
2,4,6-Tribromophenol (40.0-125%)	205124-1	66.6 %			30Aug16 0921 by 306	30Aug16 1628 by 306		
Batch: B10146	Duplicate	52.3 %			30Aug16 0921 by 306	30Aug16 1522 by 306		
Organochlorine Pesticides and PCBs								
Aldrin	205076-1	< 0.010 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.010 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
alpha-BHC	205076-1	< 0.050 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.050 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
alpha-Endosulfan	205076-1	< 0.010 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.010 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
beta-BHC	205076-1	< 0.050 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.050 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
beta-Endosulfan	205076-1	< 0.020 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.020 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Chlorpyrifos	205076-1	< 0.070 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.070 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
4,4'-DDD	205076-1	< 0.10 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.10 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
4,4'-DDE	205076-1	< 0.10 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.10 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
4,4'-DDT	205076-1	< 0.020 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
Batch: G10579	Duplicate	< 0.020 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		

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DUPLICATE RESULTS

Analyte		AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
delta-BHC		205076-1	< 0.050 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.050 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Dieldrin		205076-1	< 0.020 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.020 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Endosulfan sulfate		205076-1	< 0.10 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.10 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Endrin		205076-1	< 0.020 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.020 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Endrin aldehyde		205076-1	< 0.10 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.10 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
gamma-BHC		205076-1	< 0.050 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.050 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Heptachlor		205076-1	< 0.010 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.010 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Heptachlor epoxide		205076-1	< 0.010 ug/l			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	< 0.010 ug/l	0.00	30.0	29Aug16 1527 by 306	30Aug16 1437 by 306		
Decachlorobiphenyl (30.0-135%)		205076-1	63.8 %			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	62.0 %			29Aug16 1527 by 306	30Aug16 1437 by 306		
Tetrachloro-m-xylene (25.0-140%)		205076-1	81.0 %			29Aug16 1527 by 306	30Aug16 1505 by 306		
	Batch: G10579	Duplicate	101 %			29Aug16 1527 by 306	30Aug16 1437 by 306		
Volatile Organic Compounds									
Acrolein		205046-4	< 25 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 25 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Acrylonitrile		205046-4	< 25 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 25 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Benzene		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Bromodichloromethane		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Bromoform		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Bromomethane		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Carbon tetrachloride		205046-4	< 2.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 2.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Chlorobenzene		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Chloroethane		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
2-Chloroethyl vinyl ether		205046-4	< 10 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 10 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Chloroform		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Chloromethane		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Dibromochloromethane		205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
	Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)								
1,2-Dichlorobenzene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,3-Dichlorobenzene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,4-Dichlorobenzene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,1-Dichloroethane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,2-Dichloroethane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,1-Dichloroethene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
trans-1,2-Dichloroethene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,2-Dichloropropane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,3-Dichloropropylene	205046-4	< 10 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 10 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Ethylbenzene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Methylene chloride	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,1,2,2-Tetrachloroethane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Tetrachloroethene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Toluene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,1,1-Trichloroethane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
1,1,2-Trichloroethane	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Trichloroethene	205046-4	< 5.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 5.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
Vinyl chloride	205046-4	< 2.0 ug/l			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	< 2.0 ug/l	0.00	30.0	26Aug16 0824 by 306	26Aug16 1435 by 301		
4-Bromofluorobenzene (75.0-120%)	205046-4	95.5 %			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	96.4 %			26Aug16 0824 by 306	26Aug16 1435 by 301		
Dibromofluoromethane (85.0-115%)	205046-4	90.3 %			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	91.3 %			26Aug16 0824 by 306	26Aug16 1435 by 301		
Toluene-D8 (85.0-120%)	205046-4	97.0 %			26Aug16 0824 by 306	26Aug16 1401 by 301		
Batch: V9034	Duplicate	98.5 %			26Aug16 0824 by 306	26Aug16 1435 by 301		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	0.1 mg/l	109	85.0-115			W56984	29Aug16 0845 by 319	30Aug16 1201 by 319		
Total Cyanide	0.1 mg/l	94.2	85.0-115			W56988	29Aug16 1045 by 301	29Aug16 1458 by 319		
Total Recoverable Antimony	0.05 mg/l	102	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Arsenic	0.05 mg/l	100	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Beryllium	0.05 mg/l	102	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Cadmium	0.05 mg/l	104	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Chromium	0.05 mg/l	107	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Copper	0.05 mg/l	104	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Lead	0.05 mg/l	102	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Molybdenum	0.05 mg/l	99.2	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Nickel	0.05 mg/l	104	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Selenium	0.05 mg/l	103	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Silver	0.02 mg/l	102	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Thallium	0.05 mg/l	106	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Total Recoverable Zinc	0.05 mg/l	104	85.0-115			S41655	29Aug16 1354 by 07	29Aug16 1720 by 07		
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	81.3	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Acenaphthylene	40 ug/l	83.6	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Anthracene	40 ug/l	87.7	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzidine	100 ug/l	7.44	0.00-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(a)anthracene	40 ug/l	89.6	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(a)pyrene	40 ug/l	106	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(b)fluoranthene	40 ug/l	106	45.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(g,h,i)perylene	40 ug/l	93.6	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(k)fluoranthene	40 ug/l	110	45.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
bis(2-Chloroethoxy)Methane	40 ug/l	81.7	45.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
bis(2-Chloroethyl)Ether	40 ug/l	91.4	35.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
bis(2-Chloroisopropyl)Ether	40 ug/l	88.9	25.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
bis(2-Ethylhexyl)Phthalate	40 ug/l	92.2	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Bromophenyl phenyl ether	40 ug/l	82.2	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Butyl benzyl phthalate	40 ug/l	88.8	45.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Chloro-3-methylphenol	40 ug/l	68.4	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Chloronaphthalene	40 ug/l	78.6	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Chlorophenol	40 ug/l	83.8	35.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	83.2	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Chrysene	40 ug/l	87.6	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Di-n-butyl phthalate	40 ug/l	114	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Di-n-octyl phthalate	40 ug/l	113	35.0-135			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Dibenz(a,h)anthracene	40 ug/l	93.2	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2-Dichlorobenzene	40 ug/l	84.8	35.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
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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	40 ug/l	84.5	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,4-Dichlorobenzene	40 ug/l	86.8	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
3,3'-Dichlorobenzidine	40 ug/l	71.6	20.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dichlorophenol	40 ug/l	74.1	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Diethyl phthalate	40 ug/l	94.4	40.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Dimethyl phthalate	40 ug/l	90.0	25.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dimethylphenol	40 ug/l	59.2	30.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4,6-Dinitro-2-methylphenol	40 ug/l	80.8	40.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dinitrophenol	40 ug/l	54.6	15.0-140			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dinitrotoluene	40 ug/l	84.1	50.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,6-Dinitrotoluene	40 ug/l	80.8	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2-Diphenylhydrazine	40 ug/l	92.4	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Fluoranthene	40 ug/l	97.2	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Fluorene	40 ug/l	85.6	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachlorobenzene	40 ug/l	81.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachlorobutadiene	40 ug/l	67.6	25.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachlorocyclopentadiene	40 ug/l	76.4	46.2-107			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachloroethane	40 ug/l	75.6	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	91.1	45.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Isophorone	40 ug/l	73.1	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
N-Nitroso-di-n-propylamine	40 ug/l	86.0	35.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
n-Nitrosodimethylamine	40 ug/l	65.0	25.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
n-Nitrosodiphenylamine	40 ug/l	83.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Naphthalene	40 ug/l	78.5	40.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Nitrobenzene	40 ug/l	77.7	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Nitrophenol	40 ug/l	74.8	40.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Nitrophenol	40 ug/l	48.2	0.00-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Pentachlorophenol	40 ug/l	70.2	40.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Phenanthrene	40 ug/l	88.9	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Phenol	40 ug/l	48.8	0.00-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Pyrene	40 ug/l	85.5	50.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2,4-Trichlorobenzene	40 ug/l	70.0	35.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4,6-Trichlorophenol	40 ug/l	75.2	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	85.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Fluorophenol	40 ug/l	62.9	20.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Nitrobenzene-D5	40 ug/l	77.2	40.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Terphenyl-D14	40 ug/l	88.8	50.0-135			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4,6-Tribromophenol	40 ug/l	75.3	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		

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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	81.3	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Acenaphthylene	40 ug/l	83.6	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Anthracene	40 ug/l	87.7	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzidine	100 ug/l	7.44	0.00-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(a)anthracene	40 ug/l	89.6	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(a)pyrene	40 ug/l	106	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(g,h,i)perylene	40 ug/l	93.6	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Benzo(k)fluoranthene	40 ug/l	110	45.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
3,4-Benzofluoranthene	40 ug/l	106	45.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Bis(2-chloroethoxy)methane	40 ug/l	81.7	45.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Bis(2-chloroethyl)ether	40 ug/l	91.4	35.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Bis(2-chloroisopropyl)ether	40 ug/l	88.9	25.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Bis(2-ethylhexyl)phthalate	40 ug/l	92.2	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Bromophenyl phenyl ether	40 ug/l	82.2	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Butylbenzyl phthalate	40 ug/l	88.8	45.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Chloronaphthalene	40 ug/l	78.6	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Chlorophenol	40 ug/l	83.8	35.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Chlorophenyl phenyl ether	40 ug/l	83.2	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Chrysene	40 ug/l	87.6	55.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Di-n-butyl phthalate	40 ug/l	114	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Di-n-octyl phthalate	40 ug/l	113	35.0-135			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Dibenz(a,h)anthracene	40 ug/l	93.2	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2-Dichlorobenzene	40 ug/l	84.8	35.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,3-Dichlorobenzene	40 ug/l	84.5	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,4-Dichlorobenzene	40 ug/l	86.8	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
3,3'-Dichlorobenzidine	40 ug/l	71.6	20.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dichlorophenol	40 ug/l	74.1	50.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Diethyl phthalate	40 ug/l	94.4	40.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Dimethyl phthalate	40 ug/l	90.0	25.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dimethylphenol	40 ug/l	59.2	30.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4,6-Dinitro-o-cresol	40 ug/l	80.8	40.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dinitrophenol	40 ug/l	54.6	15.0-140			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4-Dinitrotoluene	40 ug/l	84.1	50.0-120			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,6-Dinitrotoluene	40 ug/l	80.8	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2-Diphenylhydrazine	40 ug/l	92.4	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Fluoranthene	40 ug/l	97.2	55.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Fluorene	40 ug/l	85.6	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachlorobenzene	40 ug/l	81.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachlorobutadiene	40 ug/l	67.6	25.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		

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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)										
Hexachlorocyclopentadiene	40 ug/l	76.4	46.2-107			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Hexachloroethane	40 ug/l	75.6	30.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Indeno(1,2,3-cd)pyrene	40 ug/l	91.1	45.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Isophorone	40 ug/l	73.1	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
n-Nitrosodi-n-propylamine	40 ug/l	86.0	35.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
n-Nitrosodimethylamine	40 ug/l	65.0	25.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
n-Nitrosodiphenylamine	40 ug/l	83.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Naphthalene	40 ug/l	78.5	40.0-100			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Nitrobenzene	40 ug/l	77.7	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Nitrophenol	40 ug/l	74.8	40.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
4-Nitrophenol	40 ug/l	48.2	0.00-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
p-Chloro-m-cresol	40 ug/l	68.4	45.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Pentachlorophenol	40 ug/l	70.2	40.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Phenanthrene	40 ug/l	88.9	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Phenol	40 ug/l	48.8	0.00-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Pyrene	40 ug/l	85.5	50.0-130			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
1,2,4-Trichlorobenzene	40 ug/l	70.0	35.0-105			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4,6-Trichlorophenol	40 ug/l	75.2	50.0-115			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	85.4	50.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2-Fluorophenol	40 ug/l	62.9	20.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Nitrobenzene-D5	40 ug/l	77.2	40.0-110			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Terphenyl-D14	40 ug/l	88.8	50.0-135			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
2,4,6-Tribromophenol	40 ug/l	75.3	40.0-125			B10146	30Aug16 0921 by 306	30Aug16 1415 by 306		
Volatile Organic Compounds										
Acrolein	100 ug/l	85.9	73.4-141			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Acrylonitrile	100 ug/l	90.1	68.9-145			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Benzene	20 ug/l	102	80.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Bromodichloromethane	20 ug/l	92.6	75.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Bromoform	20 ug/l	108	70.0-130			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Bromomethane	20 ug/l	85.2	30.0-145			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Carbon tetrachloride	20 ug/l	117	65.0-140			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Chlorobenzene	20 ug/l	101	80.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Chloroethane	20 ug/l	107	60.0-135			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
2-Chloroethyl vinyl ether	40 ug/l	83.4	64.7-119			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Chloroform	20 ug/l	93.4	65.0-135			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Chloromethane	20 ug/l	96.4	40.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Dibromochloromethane	20 ug/l	90.8	60.0-135			V9034	26Aug16 0824 by 306	26Aug16 1107 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)										
1,2-Dichlorobenzene	20 ug/l	103	70.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,3-Dichlorobenzene	20 ug/l	105	75.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,4-Dichlorobenzene	20 ug/l	104	75.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,1-Dichloroethane	20 ug/l	92.6	70.0-135			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,2-Dichloroethane	20 ug/l	96.2	70.0-130			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,1-Dichloroethene	20 ug/l	106	70.0-130			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
trans-1,2-Dichloroethene	20 ug/l	98.8	60.0-140			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,2-Dichloropropane	20 ug/l	92.6	75.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,3-Dichloropropylene	20 ug/l	94.8	70.6-121			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Ethylbenzene	20 ug/l	102	75.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Methylene chloride	20 ug/l	93.9	55.0-140			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,1,2,2-Tetrachloroethane	20 ug/l	101	65.0-130			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Tetrachloroethene	20 ug/l	109	45.0-150			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Toluene	20 ug/l	99.8	75.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,1,1-Trichloroethane	20 ug/l	95.2	65.0-130			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
1,1,2-Trichloroethane	20 ug/l	96.5	75.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Trichloroethene	20 ug/l	102	70.0-125			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Vinyl chloride	20 ug/l	117	50.0-145			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	96.3	75.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Dibromofluoromethane	50 ug/l	92.9	85.0-115			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Toluene-D8	50 ug/l	98.3	85.0-120			V9034	26Aug16 0824 by 306	26Aug16 1107 by 301		
Organochlorine Pesticides and PCBs										
Aldrin	10 ug/l	78.3	25.0-140			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
alpha-BHC	10 ug/l	88.9	60.0-130			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
alpha-Endosulfan	10 ug/l	80.1	50.0-110			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
beta-BHC	10 ug/l	89.8	65.0-125			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
beta-Endosulfan	10 ug/l	88.5	30.0-130			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Chlorpyrifos	10 ug/l	96.5	75.5-104			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
4,4'-DDD	10 ug/l	88.9	25.0-150			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
4,4'-DDE	10 ug/l	80.3	35.0-140			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
4,4'-DDT	10 ug/l	99.2	45.0-140			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
delta-BHC	10 ug/l	86.6	45.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Dieldrin	10 ug/l	88.4	60.0-130			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Endosulfan sulfate	10 ug/l	88.7	55.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Endrin	10 ug/l	85.4	55.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Endrin aldehyde	10 ug/l	97.8	55.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
gamma-BHC	10 ug/l	86.7	25.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides and PCBs (Continued)										
Heptachlor	10 ug/l	85.1	40.0-130			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Heptachlor epoxide	10 ug/l	81.8	60.0-130			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Organochlorine Pesticides and PCBs Surrogates:										
Decachlorobiphenyl	20 ug/l	84.8	30.0-135			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		
Tetrachloro-m-xylene	20 ug/l	118	25.0-140			G10579	29Aug16 1527 by 306	30Aug16 1408 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	204992-1	0.1 mg/l	98.2	80.0-120	W56984	29Aug16 0845 by 319	30Aug16 1203 by 319		
	204992-1	0.1 mg/l	93.2	80.0-120	W56984	29Aug16 0845 by 319	30Aug16 1204 by 319		
	Relative Percent Difference:		4.40	10.0	W56984				
Total Cyanide	205064-2	0.1 mg/l	91.4	75.0-125	W56988	29Aug16 1045 by 301	29Aug16 1501 by 319		
	205064-2	0.1 mg/l	94.0	75.0-125	W56988	29Aug16 1045 by 301	29Aug16 1503 by 319		
	Relative Percent Difference:		2.80	20.0	W56988				
Total Recoverable Antimony	205090-1	0.05 mg/l	103	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	104	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.670	20.0	S41655				
Total Recoverable Arsenic	205090-1	0.05 mg/l	100	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.287	20.0	S41655				
Total Recoverable Beryllium	205090-1	0.05 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.118	20.0	S41655				
Total Recoverable Cadmium	205090-1	0.05 mg/l	104	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	103	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.568	20.0	S41655				
Total Recoverable Chromium	205090-1	0.05 mg/l	105	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	105	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.147	20.0	S41655				
Total Recoverable Copper	205090-1	0.05 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	100	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.794	20.0	S41655				
Total Recoverable Lead	205090-1	0.05 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.298	20.0	S41655				
Total Recoverable Molybdenum	205090-1	0.05 mg/l	98.8	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	100	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		1.66	20.0	S41655				
Total Recoverable Nickel	205090-1	0.05 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.478	20.0	S41655				
Total Recoverable Selenium	205090-1	0.05 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.106	20.0	S41655				
Total Recoverable Silver	205090-1	0.02 mg/l	101	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.02 mg/l	102	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		1.01	20.0	S41655				
Total Recoverable Thallium	205090-1	0.05 mg/l	107	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1726 by 07		
	205090-1	0.05 mg/l	106	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1732 by 07		
	Relative Percent Difference:		0.809	20.0	S41655				
Total Recoverable Zinc	205090-1	0.05 mg/l	-	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1939 by 07	10	X
	205090-1	0.05 mg/l	-	75.0-125	S41655	29Aug16 1354 by 07	29Aug16 1945 by 07	10	X
	Relative Percent Difference:		2.52	20.0	S41655				D
Base/Neutral and Acid Compounds									
Acenaphthene	205071-1	40 ug/l	82.6	45.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Acenaphthylene	205071-1	40 ug/l	82.4	50.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Anthracene	205071-1	40 ug/l	85.8	55.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Benzidine	205071-1	100 ug/l	5.40	0.00-77.7	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Benzo(a)anthracene	205071-1	40 ug/l	90.9	55.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Benzo(a)pyrene	205071-1	40 ug/l	107	55.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Benzo(g,h,i)perylene	205071-1	40 ug/l	88.7	40.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Benzo(k)fluoranthene	205071-1	40 ug/l	110	45.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
3,4-Benzofluoranthene	205071-1	40 ug/l	107	45.0-120	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Bis(2-chloroethoxy)methane	205071-1	40 ug/l	84.4	45.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Bis(2-chloroethyl)ether	205071-1	40 ug/l	88.4	35.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Bis(2-chloroisopropyl)ether	205071-1	40 ug/l	84.6	25.0-130	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Bis(2-ethylhexyl)phthalate	205071-1	40 ug/l	92.6	40.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
4-Bromophenyl phenyl ether	205071-1	40 ug/l	86.7	50.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Butylbenzyl phthalate	205071-1	40 ug/l	93.4	45.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2-Chloronaphthalene	205071-1	40 ug/l	79.6	50.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2-Chlorophenol	205071-1	40 ug/l	82.5	35.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
4-Chlorophenyl phenyl ether	205071-1	40 ug/l	84.8	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Chrysene	205071-1	40 ug/l	87.9	55.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Di-n-butyl phthalate	205071-1	40 ug/l	107	55.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Di-n-octyl phthalate	205071-1	40 ug/l	109	35.0-135	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Dibenz(a,h)anthracene	205071-1	40 ug/l	87.9	40.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
1,2-Dichlorobenzene	205071-1	40 ug/l	82.3	35.0-100	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
1,3-Dichlorobenzene	205071-1	40 ug/l	83.2	30.0-100	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
1,4-Dichlorobenzene	205071-1	40 ug/l	83.3	30.0-100	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
3,3'-Dichlorobenzidine	205071-1	40 ug/l	27.6	20.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4-Dichlorophenol	205071-1	40 ug/l	78.0	50.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Diethyl phthalate	205071-1	40 ug/l	93.1	40.0-120	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Dimethyl phthalate	205071-1	40 ug/l	90.2	25.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4-Dimethylphenol	205071-1	40 ug/l	69.8	30.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
4,6-Dinitro-o-cresol	205071-1	40 ug/l	80.1	40.0-130	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4-Dinitrophenol	205071-1	40 ug/l	64.1	15.0-140	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4-Dinitrotoluene	205071-1	40 ug/l	81.4	50.0-120	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,6-Dinitrotoluene	205071-1	40 ug/l	82.0	50.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
1,2-Diphenylhydrazine	205071-1	40 ug/l	97.6	55.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Fluoranthene	205071-1	40 ug/l	87.0	55.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Fluorene	205071-1	40 ug/l	84.5	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Hexachlorobenzene	205071-1	40 ug/l	86.8	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Hexachlorobutadiene	205071-1	40 ug/l	71.0	25.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Hexachlorocyclopentadiene	205071-1	40 ug/l	79.6	41.2-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Hexachloroethane	205071-1	40 ug/l	76.8	30.0-100	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		

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Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Indeno(1,2,3-cd)pyrene	205071-1	40 ug/l	86.4	45.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Isophorone	205071-1	40 ug/l	76.0	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
n-Nitrosodi-n-propylamine	205071-1	40 ug/l	84.0	35.0-130	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
n-Nitrosodimethylamine	205071-1	40 ug/l	64.6	25.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
n-Nitrosodiphenylamine	205071-1	40 ug/l	86.5	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Naphthalene	205071-1	40 ug/l	79.5	40.0-100	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Nitrobenzene	205071-1	40 ug/l	82.1	45.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2-Nitrophenol	205071-1	40 ug/l	78.7	40.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
4-Nitrophenol	205071-1	40 ug/l	41.2	0.00-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
p-Chloro-m-cresol	205071-1	40 ug/l	74.8	45.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Pentachlorophenol	205071-1	40 ug/l	70.8	40.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Phenanthrene	205071-1	40 ug/l	89.1	50.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Phenol	205071-1	40 ug/l	59.5	0.00-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Pyrene	205071-1	40 ug/l	105	50.0-130	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
1,2,4-Trichlorobenzene	205071-1	40 ug/l	74.5	35.0-105	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4,6-Trichlorophenol	205071-1	40 ug/l	78.0	50.0-115	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	205071-1	40 ug/l	83.0	50.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2-Fluorophenol	205071-1	40 ug/l	65.8	20.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Nitrobenzene-D5	205071-1	40 ug/l	78.4	40.0-110	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Terphenyl-D14	205071-1	40 ug/l	98.2	50.0-135	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
2,4,6-Tribromophenol	205071-1	40 ug/l	78.5	40.0-125	B10146	30Aug16 0931 by 306	30Aug16 1449 by 306		
Volatile Organic Compounds									
Acrolein	205046-5	100 ug/l	83.8	34.8-143	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Acrylonitrile	205046-5	100 ug/l	90.0	39.0-143	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Benzene	205046-5	20 ug/l	98.5	80.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Bromodichloromethane	205046-5	20 ug/l	89.4	75.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Bromoform	205046-5	20 ug/l	102	70.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Bromomethane	205046-5	20 ug/l	82.8	30.0-145	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Carbon tetrachloride	205046-5	20 ug/l	115	65.0-140	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Chlorobenzene	205046-5	20 ug/l	97.2	80.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Chloroethane	205046-5	20 ug/l	99.4	60.0-135	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
2-Chloroethyl vinyl ether	205046-5	40 ug/l	75.6	36.6-115	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Chloroform	205046-5	20 ug/l	89.6	65.0-135	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Chloromethane	205046-5	20 ug/l	91.8	40.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Dibromochloromethane	205046-5	20 ug/l	86.2	60.0-135	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,2-Dichlorobenzene	205046-5	20 ug/l	99.2	70.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,3-Dichlorobenzene	205046-5	20 ug/l	101	75.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)									
1,4-Dichlorobenzene	205046-5	20 ug/l	101	75.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,1-Dichloroethane	205046-5	20 ug/l	89.8	70.0-135	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,2-Dichloroethane	205046-5	20 ug/l	90.5	70.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,1-Dichloroethene	205046-5	20 ug/l	99.8	70.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
trans-1,2-Dichloroethene	205046-5	20 ug/l	93.4	60.0-140	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,2-Dichloropropane	205046-5	20 ug/l	87.1	75.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,3-Dichloropropylene	205046-5	20 ug/l	87.6	70.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Ethylbenzene	205046-5	20 ug/l	100	75.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Methylene chloride	205046-5	20 ug/l	89.0	55.0-140	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,1,2,2-Tetrachloroethane	205046-5	20 ug/l	97.6	65.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Tetrachloroethene	205046-5	20 ug/l	106	45.0-150	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Toluene	205046-5	20 ug/l	94.8	75.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,1,1-Trichloroethane	205046-5	20 ug/l	90.8	65.0-130	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
1,1,2-Trichloroethane	205046-5	20 ug/l	88.4	75.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Trichloroethene	205046-5	20 ug/l	94.9	70.0-125	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Vinyl chloride	205046-5	20 ug/l	109	50.0-145	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	205046-5	50 ug/l	96.7	75.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Dibromofluoromethane	205046-5	50 ug/l	93.0	85.0-115	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Toluene-D8	205046-5	50 ug/l	99.2	85.0-120	V9034	26Aug16 0824 by 306	26Aug16 1143 by 301		
Organochlorine Pesticides and PCBs									
Aldrin	205071-1	10 ug/l	67.3	25.0-140	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
alpha-BHC	205071-1	10 ug/l	71.7	60.0-130	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
alpha-Endosulfan	205071-1	10 ug/l	75.1	50.0-110	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
beta-BHC	205071-1	10 ug/l	85.8	65.0-125	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
beta-Endosulfan	205071-1	10 ug/l	81.4	30.0-130	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Chlorpyrifos	205071-1	10 ug/l	84.3	69.6-121	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
4,4'-DDD	205071-1	10 ug/l	86.2	25.0-150	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
4,4'-DDE	205071-1	10 ug/l	71.4	35.0-140	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
4,4'-DDT	205071-1	10 ug/l	90.9	45.0-140	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
delta-BHC	205071-1	10 ug/l	72.8	45.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Dieldrin	205071-1	10 ug/l	80.4	60.0-130	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Endosulfan sulfate	205071-1	10 ug/l	85.5	55.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Endrin	205071-1	10 ug/l	76.3	55.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Endrin aldehyde	205071-1	10 ug/l	87.0	55.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
gamma-BHC	205071-1	10 ug/l	72.9	25.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Heptachlor	205071-1	10 ug/l	73.4	40.0-130	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Heptachlor epoxide	205071-1	10 ug/l	77.7	60.0-130	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		

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MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Organochlorine Pesticides and PCBs (Continued)									
Organochlorine Pesticides and PCBs Surrogates:									
Decachlorobiphenyl	205071-1	20 ug/l	80.2	30.0-135	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		
Tetrachloro-m-xylene	205071-1	20 ug/l	89.5	25.0-140	G10579	29Aug16 1527 by 306	30Aug16 1422 by 306		

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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Recoverable Phenolics	< 0.005 mg/l	0.005	0.005	W56984-1	29Aug16 0845 by 319	30Aug16 1200 by 319	
Total Cyanide	< 0.01 mg/l	0.01	0.01	W56988-1	29Aug16 1045 by 301	29Aug16 1456 by 319	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Cadmium	< 0.0002 mg/l	0.0002	0.0002	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Molybdenum	< 0.008 mg/l	0.008	0.008	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S41655-1	29Aug16 1354 by 07	29Aug16 1715 by 07	
Base/Neutral and Acid Compounds							
Acenaphthene	< 0.85 ug/l	0.85	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Acenaphthylene	< 1.7 ug/l	1.7	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Anthracene	< 2.1 ug/l	2.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Benzidine	< 5.1 ug/l	5.1	25	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Benzo(a)anthracene	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Benzo(a)pyrene	< 1.2 ug/l	1.2	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Benzo(g,h,i)perylene	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Benzo(k)fluoranthene	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
3,4-Benzofluoranthene	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Bis(2-chloroethoxy)methane	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Bis(2-chloroethyl)ether	< 0.83 ug/l	0.83	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Bis(2-chloroisopropyl)ether	< 0.90 ug/l	0.90	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Bis(2-ethylhexyl)phthalate	< 1.4 ug/l	1.4	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
4-Bromophenyl phenyl ether	< 0.96 ug/l	0.96	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Butylbenzyl phthalate	< 1.5 ug/l	1.5	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2-Chloronaphthalene	< 0.82 ug/l	0.82	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2-Chlorophenol	< 0.72 ug/l	0.72	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
4-Chlorophenyl phenyl ether	< 0.92 ug/l	0.92	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Chrysene	< 0.95 ug/l	0.95	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Di-n-butyl phthalate	< 2.2 ug/l	2.2	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Di-n-octyl phthalate	< 0.78 ug/l	0.78	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Dibenz(a,h)anthracene	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
3,3'-Dichlorobenzidine	< 2.7 ug/l	2.7	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4-Dichlorophenol	< 0.98 ug/l	0.98	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Diethyl phthalate	< 1.8 ug/l	1.8	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Dimethyl phthalate	< 1.6 ug/l	1.6	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4-Dimethylphenol	< 1.5 ug/l	1.5	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
4,6-Dinitro-o-cresol	< 1.9 ug/l	1.9	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4-Dinitrophenol	< 1.4 ug/l	1.4	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4-Dinitrotoluene	< 2.5 ug/l	2.5	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,6-Dinitrotoluene	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
1,2-Diphenylhydrazine	< 0.71 ug/l	0.71	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Fluoranthene	< 1.8 ug/l	1.8	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Base/Neutral and Acid Compounds							
Fluorene	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Hexachlorobenzene	< 0.93 ug/l	0.93	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Hexachlorobutadiene	< 0.75 ug/l	0.75	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Hexachlorocyclopentadiene	< 0.64 ug/l	0.64	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Hexachloroethane	< 0.59 ug/l	0.59	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Indeno(1,2,3-cd)pyrene	< 1.6 ug/l	1.6	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Isophorone	< 1.0 ug/l	1.0	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
n-Nitrosodi-n-propylamine	< 0.94 ug/l	0.94	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
n-Nitrosodimethylamine	< 1.4 ug/l	1.4	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
n-Nitrosodiphenylamine	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	R
Naphthalene	< 1.4 ug/l	1.4	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Nitrobenzene	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2-Nitrophenol	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
4-Nitrophenol	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
p-Chloro-m-cresol	< 1.1 ug/l	1.1	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Pentachlorophenol	< 0.95 ug/l	0.95	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Phenanthrene	< 0.86 ug/l	0.86	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Phenol	< 0.52 ug/l	0.52	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Pyrene	< 1.4 ug/l	1.4	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
1,2,4-Trichlorobenzene	< 0.73 ug/l	0.73	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4,6-Trichlorophenol	< 1.3 ug/l	1.3	5.0	B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	80.9 %			B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2-Fluorophenol (20.0-110%)	60.2 %			B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Nitrobenzene-D5 (40.0-110%)	75.7 %			B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Terphenyl-D14 (50.0-135%)	84.9 %			B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
2,4,6-Tribromophenol (40.0-125%)	59.8 %			B10146-1	30Aug16 0921 by 306	30Aug16 1343 by 306	
Volatile Organic Compounds							
Acrolein	< 2.0 ug/l	2.0	25	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Acrylonitrile	< 0.49 ug/l	0.49	25	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Benzene	< 0.054 ug/l	0.054	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Bromoform	< 0.11 ug/l	0.11	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Carbon tetrachloride	< 0.27 ug/l	0.27	2.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Chlorobenzene	< 0.087 ug/l	0.087	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Chlorodibromomethane	< 0.12 ug/l	0.12	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Chloroethane	< 0.22 ug/l	0.22	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
2-Chloroethyl vinyl ether	< 0.21 ug/l	0.21	10	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Chloroform	< 0.082 ug/l	0.082	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,2-Dichlorobenzene	< 0.093 ug/l	0.093	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,3-Dichlorobenzene	< 0.081 ug/l	0.081	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,4-Dichlorobenzene	< 0.12 ug/l	0.12	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Dichlorobromomethane	< 0.12 ug/l	0.12	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,1-Dichloroethane	< 0.076 ug/l	0.076	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,2-Dichloroethane	< 0.086 ug/l	0.086	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,1-Dichloroethylene	< 0.21 ug/l	0.21	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
trans-1,2-Dichloroethylene	< 0.17 ug/l	0.17	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,2-Dichloropropane	< 0.15 ug/l	0.15	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	

AMERICAN INTERPLEX CORPORATION LABORATORIES

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Volatile Organic Compounds							
1,3-Dichloropropylene	< 0.42 ug/l	0.42	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Ethylbenzene	< 0.057 ug/l	0.057	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Methyl bromide(Bromomethane)	< 0.11 ug/l	0.11	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Methyl chloride(Chloromethane)	< 0.38 ug/l	0.38	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Methylene chloride	< 0.26 ug/l	0.26	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,1,2,2-Tetrachloroethane	< 0.088 ug/l	0.088	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Tetrachloroethylene	< 0.15 ug/l	0.15	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Toluene	< 0.076 ug/l	0.076	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,1,1-Trichloroethane	< 0.23 ug/l	0.23	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
1,1,2-Trichloroethane	< 0.18 ug/l	0.18	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Trichloroethylene	< 0.087 ug/l	0.087	5.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Vinyl chloride	< 0.15 ug/l	0.15	2.0	V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	93.4 %			V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Dibromofluoromethane (85.0-115%)	90.8 %			V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Toluene-D8 (85.0-120%)	97.7 %			V9034-1	26Aug16 0824 by 306	26Aug16 1326 by 30	
Organochlorine Pesticides and PCBs							
Aldrin	< 0.0018 ug/l	0.0018	0.010	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
alpha-BHC	< 0.0013 ug/l	0.0013	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
alpha-Endosulfan	< 0.0045 ug/l	0.0045	0.010	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
beta-BHC	< 0.0025 ug/l	0.0025	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
beta-Endosulfan	< 0.0016 ug/l	0.0016	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Chlordane	< 0.023 ug/l	0.023	0.10	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Chlorpyrifos	< 0.00096 ug/l	0.00096	0.050	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
4,4'-DDD	< 0.0016 ug/l	0.0016	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
4,4'-DDE	< 0.0014 ug/l	0.0014	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
4,4'-DDT	< 0.0027 ug/l	0.0027	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
delta-BHC	< 0.0029 ug/l	0.0029	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Dieldrin	< 0.0011 ug/l	0.0011	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Endosulfan sulfate	< 0.0028 ug/l	0.0028	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Endrin	< 0.0013 ug/l	0.0013	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Endrin aldehyde	< 0.0027 ug/l	0.0027	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
gamma-BHC	< 0.0030 ug/l	0.0030	0.020	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Heptachlor	< 0.0027 ug/l	0.0027	0.010	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Heptachlor epoxide	< 0.00091 ug/l	0.00091	0.010	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1016	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1221	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1232	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1242	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1248	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1254	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
PCB 1260	< 0.20 ug/l	0.20	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Toxaphene	< 0.12 ug/l	0.12	0.20	G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Organochlorine Pesticides and PCBs Surrogates:							
Decachlorobiphenyl (30.0-135%)	90.4 %			G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	
Tetrachloro-m-xylene (25.0-140%)	94.2 %			G10579-1	29Aug16 1527 by 306	30Aug16 1354 by 306	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: SPRINGDALE WATER UTILITIES
Project Reference: TABLE II, III
Project Manager: BRAD STEWART
Sampled By: OPERATIONS STAFF
PO No. 0019302 00
AIC CONTROL NO: 205076
AIC PROPOSAL NO:
Carrier: FED EX
Received Temperature C: 0.1

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	MATRIX: WATER	MATRIX: SOIL	NO OF BOTTLES	ANALYSES REQUESTED: BNA. 625	PEST. 608	PP METALS + Mo (NO Hg)	T. CYANIDE	T. PHENOLICS	VOA	Remarks
1	INFLUENT	1400-1400 08/22-23/16		✓	✓		4	✓						
1	INFLUENT	1400-1400 08/22-23/16		✓	✓		4		✓					
1	INFLUENT	1400-1400 08/22-23/16		✓	✓		1			✓				
2	EFFLUENT	0800, 1400, 2000, 0200 08/24-25/16	✓		✓		1				✓			
2	EFFLUENT	0800, 1400, 2000, 0200 08/24-25/16	✓		✓		1					✓		
3R	EFFLUENT	0800, 1400, 2000, 0200 08/24-25/16	✓		✓		4						✓	
		Container Type						G	G	P	P	G	G	
		Preservative						NO	NO	N	B	S	V	

Field pH calibration on _____ @ _____
Buffer:

G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate
NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate A=$(NH_4)_2SO_4$, NH_4OH

Turnaround Time Requested: (Please circle)
(NORMAL) or EXPEDITED IN ____ DAYS
Expedited results requested by: N/A
Who should AIC contact with questions: BRAD STEWART
Phone: (479) 756-3159 Fax: (479) 750-7195
Report Attention to: BRAD STEWART
Report Address to: P.O. BOX 769 SPRINGDALE, AR 72762
Email Address: bstewart@springdalewater.com

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	08/25/16 - 0800		
Relinquished By:	Date/Time	Received in Lab By:	Date/Time
		[signature]	8/26/16 0850

Comments:

9/2014

FORM 0060

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