



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, 2015

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 for 2015. 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 2015

NO OVERFLOWS TO REPORT

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

"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 of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature Heath C. Wood Date Oct 14, 2015

Mercury One LTD

Mercury Analysis

Analytical Report
EPA Method 1631E

Report #: 15-0927springdale ar

Page 1 of 1

Customer Name:

Springdale Water Utilities
P.O. Box 769
Springdale, AR 72765-0769

9/27/15

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 (Composite 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		
Dilution Factor	11:06	8:44	8:56		
					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

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

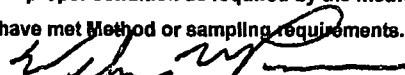
Other Codes

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

Kentucky Cert# 98034

Arkansas Cert# 88-0911

West Virginia Cert # 348

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	0700	WATER	G	INFLUENT	150923-14a,b,c&d
09/14/15	1200	WATER	G	INFLUENT	
09/14/15	1600	WATER	G	INFLUENT	
09/15/15	0700	WATER	G	INFLUENT	
09/17/15	0800	WATER	G	EFFLUENT	150923-15a,b,c&d
09/17/15	1200	WATER	G	EFFLUENT	
09/17/15	1600	WATER	G	EFFLUENT	
09/18/15	0700	WATER	G	EFFLUENT	150923-16
09/17/15	1200	WATER	G	FIELD BLANK	

Relinquished By: [Signature] Date: 9/21/15 Time: 1400
 Received By: [Signature] Date: 9/23/15 Time: 1305
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Use multiple lines for description if necessary.
Temp

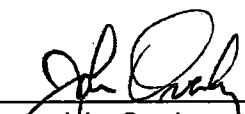


Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for the sample submitted on September 17, 2015. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

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



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:

Four (4) water sample(s) received on September 17, 2015
Priority Pollutants

Receipt Details:

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

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

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
194312-1	Effluent	15-Sep-2015 2359	

Qualifiers:

D Result is from a secondary dilution factor

Case Narrative:

Equivalent composite of four (4) samples was prepared.

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. 194312-1

Sample Identification: Effluent 15-Sep-2015 2359

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624				
Acrolein	< 25	25	ug/l	
EPA 624 Prep: 17-Sep-2015 1414 by 301	Analyzed: 17-Sep-2015 2337 by 301		Batch: V8827	
Surrogate: 4-Bromofluorobenzene (75.0-120%)	91.6		%	
EPA 624 Prep: 17-Sep-2015 1414 by 301	Analyzed: 17-Sep-2015 2337 by 301		Batch: V8827	
Surrogate: Dibromofluoromethane (85.0-115%)	111		%	
EPA 624 Prep: 17-Sep-2015 1414 by 301	Analyzed: 17-Sep-2015 2337 by 301		Batch: V8827	
Surrogate: Toluene-D8 (85.0-120%)	99.3		%	
EPA 624 Prep: 17-Sep-2015 1414 by 301	Analyzed: 17-Sep-2015 2337 by 301		Batch: V8827	



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Springdale, AR 72762

DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds								
TCLP: Acrolein	194266-1	< 0.50 mg/l			17Sep15 1200 by 301	17Sep15 1656 by 301	100	D
	Batch: V8827 Duplicate	< 0.50 mg/l	0.00	30.0	17Sep15 1200 by 301	17Sep15 1746 by 301	100	D
TCLP: 4-Bromofluorobenzene (75.0-120%)	194266-1	91.3 %			17Sep15 1200 by 301	17Sep15 1656 by 301	100	D
	Batch: V8827 Duplicate	91.5 %			17Sep15 1200 by 301	17Sep15 1746 by 301	100	D
TCLP: Dibromofluoromethane (85.0-115%)	194266-1	108 %			17Sep15 1200 by 301	17Sep15 1656 by 301	100	D
	Batch: V8827 Duplicate	109 %			17Sep15 1200 by 301	17Sep15 1746 by 301	100	D
TCLP: Toluene-D8 (85.0-120%)	194266-1	100 %			17Sep15 1200 by 301	17Sep15 1656 by 301	100	D
	Batch: V8827 Duplicate	99.4 %			17Sep15 1200 by 301	17Sep15 1746 by 301	100	D

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds										
Acrolein	100 ug/l	112	64.4-129			V8827	17Sep15 1200 by 301	17Sep15 1227 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	92.6	75.0-120			V8827	17Sep15 1200 by 301	17Sep15 1227 by 301		
Dibromofluoromethane	50 ug/l	96.4	85.0-115			V8827	17Sep15 1200 by 301	17Sep15 1227 by 301		
Toluene-D8	50 ug/l	98.9	85.0-120			V8827	17Sep15 1200 by 301	17Sep15 1227 by 301		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds									
Acrolein	194266-1	100 ug/l	88.7	47.0-126	V8827	17Sep15 1200 by 301	17Sep15 1314 by 301	100	D
Volatile Organic Compounds Surrogates:									
4-Bromofluorobenzene	194266-1	50 ug/l	92.4	75.0-120	V8827	17Sep15 1200 by 301	17Sep15 1314 by 301	100	D
Dibromofluoromethane	194266-1	50 ug/l	110	85.0-115	V8827	17Sep15 1200 by 301	17Sep15 1314 by 301	100	D
Toluene-D8	194266-1	50 ug/l	102	85.0-120	V8827	17Sep15 1200 by 301	17Sep15 1314 by 301	100	D

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Volatile Organic Compounds							
Acrolein	< 2.0 ug/l	2.0	25	V8827-1	17Sep15 1200 by 301	17Sep15 1609 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	90.9 %			V8827-1	17Sep15 1200 by 301	17Sep15 1609 by 301	
Dibromofluoromethane (85.0-115%)	110 %			V8827-1	17Sep15 1200 by 301	17Sep15 1609 by 301	
Toluene-D8 (85.0-120%)	97.3 %			V8827-1	17Sep15 1200 by 301	17Sep15 1609 by 301	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <u>Springdale Water Utilitie</u>			PO No.		NO OF BOTTLES	ANALYSES REQUESTED												AIC CONTROL NO: <u>194312</u>		
Project Reference: <u>Priority Pollutants</u>			MATRIX			Acrolein													AIC PROPOSAL NO:	
Project Manager: <u>Brad Stewart</u>			WATER	SOIL	BOTTLES		Acrolein												Carrier: <u>FED EX</u>	
Samples By: <u>BJS, RB, HW, HD</u>						GRA		COMP												
AIC No.	Sample Identification	Date/Time Collected	GRA	COMP	WATER	SOIL	BOTTLES	Acrolein											Remarks	
<u>1</u>	<u>Effluent</u>	<u>9/15/15</u> <u>0600</u> <u>1300</u> <u>2000</u>	<u>X</u>		<u>X</u>		<u>2</u>	<u>X</u>												
Container Type								<u>V</u>											Field pH calibration	
Preservative								<u>NO</u>											on _____ @ _____	
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) ₂ SO ₄ ·NH ₄ OH																Buffer:	
Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN _____ DAYS						Relinquished By: <u>[Signature]</u>			Date/Time: <u>9/16/15 1400</u>			Received By:			Date/Time:					
Expedited results requested by: _____						Relinquished By:			Date/Time:			Received in Lab By: <u>D. Brown</u>			Date/Time: <u>9-17-15 0800</u>					
Who should AIC contact with questions: <u>Brad Stewart</u>						Comments: <u>8037 7048 1420</u>														
Phone: <u>779-756-3073</u> Fax: _____																				
Report Attention to:																				
Report Address to:																				
Email Address:																				



August 17, 2015
Control No. 193156
Page 1 of 23

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 11, 2015. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

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bstewart@springdalewater.com



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:

Six (6) water and one (1) sludge sample(s) received on August 11, 2015
Table II, Table III.

Receipt Details:

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

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

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
193156-1	Effluent	07-Aug-2015 2359	
193156-2	Effluent	07-Aug-2015 0600	
193156-4	Belt Press Influent	07-Aug-2015 0710	

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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Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-1

Sample Identification: Effluent 07-Aug-2015 2359

Analyte	Result	RL	Units	Qualifier
Total Recoverable Phenolics EPA 420.1	50	5	ug/l	
Prep: 13-Aug-2015 0806 by 308	Analyzed: 14-Aug-2015 0915 by 308		Batch: W52884	
Total Cyanide SM 4500-CN C,E 1999	< 10	10	ug/l	
Prep: 13-Aug-2015 0955 by 308	Analyzed: 14-Aug-2015 1054 by 308		Batch: W52893	

AIC No. 193156-2

Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Total Recoverable Antimony EPA 200.8	< 60	60	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Arsenic EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Beryllium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Cadmium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Chromium EPA 200.8	< 10	10	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Copper EPA 200.8	4.6	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Lead EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Molybdenum EPA 200.8	< 8	8	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Nickel EPA 200.8	3.8	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Selenium EPA 200.8	< 5	5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Silver EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Thallium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Total Recoverable Zinc EPA 200.8	52	20	ug/l	
Prep: 11-Aug-2015 1325 by 313	Analyzed: 11-Aug-2015 1657 by 235		Batch: S39553	
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Acenaphthylene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Anthracene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-2 (Continued)

Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Benzidine EPA 625	< 50	50	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Benzo(g,h,i)perylene EPA 625	< 20	20	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
3,4-Benzofluoranthene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Bis(2-chloroethoxy)methane EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Bis(2-chloroethyl)ether EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Bis(2-chloroisopropyl)ether EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Bis(2-ethylhexyl)phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
4-Bromophenyl phenyl ether EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Butylbenzyl phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2-Chloronaphthalene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2-Chlorophenol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
4-Chlorophenyl phenyl ether EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Di-n-butyl phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Di-n-octyl phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	

Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-2 (Continued)

Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
2,4-Dichlorophenol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Diethyl phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Dimethyl phthalate EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2,4-Dimethylphenol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
4,6-Dinitro-o-cresol EPA 625	< 50	50	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2,4-Dinitrophenol EPA 625	< 50	50	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2,4-Dinitrotoluene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2,6-Dinitrotoluene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
1,2-Diphenylhydrazine EPA 625	< 20	20	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Fluorene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Hexachlorobutadiene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Hexachlorocyclopentadiene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Hexachloroethane EPA 625	< 20	20	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Isophorone EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
n-Nitrosodi-n-propylamine EPA 625	< 20	20	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
n-Nitrosodimethylamine EPA 625	< 50	50	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
n-Nitrosodiphenylamine EPA 625	< 20	20	ug/l	R
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-2 (Continued)

Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Naphthalene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Nitrobenzene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2-Nitrophenol EPA 625	< 20	20	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
4-Nitrophenol EPA 625	< 50	50	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
p-Chloro-m-cresol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Phenanthrene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Phenol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Pyrene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
1,2,4-Trichlorobenzene EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
2,4,6-Trichlorophenol EPA 625	< 10	10	ug/l	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	65.4		%	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	61.9		%	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	79.8		%	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	97.2		%	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	87.5		%	
Prep: 13-Aug-2015 0946 by 306	Analyzed: 13-Aug-2015 1850 by 301		Batch: B9633	
Organochlorine Pesticides and PCBs By EPA 608				
Aldrin EPA 608	< 0.010	0.010	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
alpha-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
alpha-Endosulfan EPA 608	< 0.010	0.010	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-2 (Continued)
Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
beta-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
beta-Endosulfan EPA 608	< 0.020	0.020	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Chlordane EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Chlorpyrifos EPA 608	< 0.070	0.070	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
4,4'-DDD EPA 608	< 0.10	0.10	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
4,4'-DDE EPA 608	< 0.10	0.10	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
4,4'-DDT EPA 608	< 0.020	0.020	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
delta-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Dieldrin EPA 608	< 0.020	0.020	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Endosulfan sulfate EPA 608	< 0.10	0.10	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Endrin EPA 608	< 0.020	0.020	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Endrin aldehyde EPA 608	< 0.10	0.10	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
gamma-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Heptachlor EPA 608	< 0.010	0.010	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Heptachlor epoxide EPA 608	< 0.010	0.010	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1016 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1221 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1232 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1242 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1248 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-2 (Continued)

Sample Identification: Effluent 07-Aug-2015 0600

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
PCB 1254 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
PCB 1260 EPA 608	< 0.20	0.20	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Toxaphene EPA 608	< 0.30	0.30	ug/l	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Surrogate: Decachlorobiphenyl (30.0-135%) EPA 608	112		%	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	
Surrogate: Tetrachloro-m-xylene (25.0-140%) EPA 608	107		%	
Prep: 13-Aug-2015 1349 by 306	Analyzed: 13-Aug-2015 1723 by 306		Batch: G10219	

AIC No. 193156-4

Sample Identification: Belt Press Influent 07-Aug-2015 0710

Analyte	Result	RL	Units	Qualifier
Total Cyanide EPA 9010C, 9014	< 3	3	mg/Kg	
Prep: 12-Aug-2015 0801 by 308	Analyzed: 12-Aug-2015 1405 by 308		Batch: W52871	
Total Recoverable Phenolics EPA 9065	130	20	mg/Kg	
Prep: 12-Aug-2015 0801 by 308	Analyzed: 12-Aug-2015 1534 by 308		Batch: W52870	
Total Solids SM 2540 G 1997	3.4	0.01	wt %	
Prep: 11-Aug-2015 1325 by 271	Analyzed: 13-Aug-2015 1629 by 271		Batch: W52859	
Antimony EPA 3051A, 6010C	< 3	3	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Arsenic EPA 3051A, 6010C	< 5	5	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Beryllium EPA 3051A, 6010C	0.030	0.03	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Cadmium EPA 3051A, 6010C	< 0.4	0.4	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Chromium EPA 3051A, 6010C	11	0.7	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Copper EPA 3051A, 6010C	110	0.6	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Lead EPA 3051A, 6010C	< 4	4	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Molybdenum EPA 3051A, 6010C	5.4	0.8	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Nickel EPA 3051A, 6010C	18	1	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Selenium EPA 3051A, 6010C	< 7	7	mg/Kg	
Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 193156-4 (Continued)

Sample Identification: Belt Press Influent 07-Aug-2015 0710

Analyte		Result	RL	Units	Qualifier
Silver		2.5	0.7	mg/Kg	
EPA 3051A, 6010C	Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Thallium		< 4	4	mg/Kg	
EPA 3051A, 6010C	Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Zinc		320	0.2	mg/Kg	
EPA 3051A, 6010C	Prep: 13-Aug-2015 1318 by 313	Analyzed: 14-Aug-2015 1314 by 317		Batch: S39568	
Mercury		0.24	0.1	mg/Kg	
EPA 7471B	Prep: 13-Aug-2015 1046 by 313	Analyzed: 13-Aug-2015 1315 by 308		Batch: S39567	



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
Total Solids	193156-4	3.4 wt %			11Aug15 1325 by 271	13Aug15 1629 by 271		
	Batch: W52859	Duplicate	0.0590	10.0	11Aug15 1325 by 271	13Aug15 1629 by 271		
Base/Neutral and Acid Compounds								
Acenaphthene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Acenaphthylene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Anthracene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Benzidine	193190-2	< 25 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Benzo(a)anthracene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Benzo(a)pyrene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Benzo(g,h,i)perylene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Benzo(k)fluoranthene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
3,4-Benzofluoranthene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Bis(2-chloroethoxy)methane	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Bis(2-chloroethyl)ether	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Bis(2-chloroisopropyl)ether	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Bis(2-ethylhexyl)phthalate	193190-2	76 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	2.85	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
4-Bromophenyl phenyl ether	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Butylbenzyl phthalate	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2-Chloronaphthalene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2-Chlorophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
4-Chlorophenyl phenyl ether	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Chrysene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Di-n-butyl phthalate	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Di-n-octyl phthalate	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Dibenz(a,h)anthracene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633	Duplicate	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		



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
3,3'-Dichlorobenzidine	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4-Dichlorophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Diethyl phthalate	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Dimethyl phthalate	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4-Dimethylphenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
4,6-Dinitro-o-cresol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4-Dinitrophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4-Dinitrotoluene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,6-Dinitrotoluene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
1,2-Diphenylhydrazine	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Fluoranthene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Fluorene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Hexachlorobenzene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Hexachlorobutadiene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Hexachlorocyclopentadiene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Hexachloroethane	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Indeno(1,2,3-cd)pyrene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Isophorone	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
n-Nitrosodi-n-propylamine	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
n-Nitrosodimethylamine	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
n-Nitrosodiphenylamine	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		R
Naphthalene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		R
Nitrobenzene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2-Nitrophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	DII	Qual
Base/Neutral and Acid Compounds (Continued)								
4-Nitrophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
p-Chloro-m-cresol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Pentachlorophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Phenanthrene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Phenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
Pyrene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
1,2,4-Trichlorobenzene	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4,6-Trichlorophenol	193190-2	< 5.0 ug/l			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	< 5.0 ug/l	0.00	30.0	13Aug15 0947 by 306	13Aug15 1814 by 301		
2-Fluorobiphenyl (50.0-110%)	193190-2	61.6 %			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	68.4 %			13Aug15 0947 by 306	13Aug15 1814 by 301		
2-Fluorophenol (20.0-110%)	193190-2	83.3 %			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	107 %			13Aug15 0947 by 306	13Aug15 1814 by 301		
Nitrobenzene-D5 (40.0-110%)	193190-2	93.1 %			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	98.6 %			13Aug15 0947 by 306	13Aug15 1814 by 301		
Terphenyl-D14 (50.0-135%)	193190-2	78.1 %			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	64.8 %			13Aug15 0947 by 306	13Aug15 1814 by 301		
2,4,6-Tribromophenol (40.0-125%)	193190-2	61.7 %			13Aug15 0946 by 306	13Aug15 1928 by 301		
	Batch: B9633 Duplicate	67.7 %			13Aug15 0947 by 306	13Aug15 1814 by 301		
Organochlorine Pesticides and PCBs								
Aldrin	193203-3	< 0.010 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.010 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
alpha-BHC	193203-3	< 0.050 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.050 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
alpha-Endosulfan	193203-3	< 0.010 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.010 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
beta-BHC	193203-3	< 0.050 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.050 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
beta-Endosulfan	193203-3	< 0.020 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.020 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Chlorpyrifos	193203-3	< 0.070 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.070 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
4,4'-DDD	193203-3	< 0.10 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.10 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
4,4'-DDE	193203-3	< 0.10 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.10 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
4,4'-DDT	193203-3	< 0.020 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.020 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
delta-BHC	193203-3	< 0.050 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.050 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		



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
Organochlorine Pesticides and PCBs (Continued)								
Dieldrin	193203-3	< 0.020 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.020 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Endosulfan sulfate	193203-3	< 0.10 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.10 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Endrin	193203-3	< 0.020 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.020 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Endrin aldehyde	193203-3	< 0.10 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.10 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
gamma-BHC	193203-3	< 0.050 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.050 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Heptachlor	193203-3	< 0.010 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.010 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Heptachlor epoxide	193203-3	< 0.010 ug/l			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	< 0.010 ug/l	0.00	30.0	13Aug15 1350 by 306	13Aug15 1712 by 306		
Decachlorobiphenyl (30.0-135%)	193203-3	102 %			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	100 %			13Aug15 1350 by 306	13Aug15 1712 by 306		
Tetrachloro-m-xylene (25.0-140%)	193203-3	84.2 %			13Aug15 1349 by 306	13Aug15 1735 by 306		
	Batch: G10219 Duplicate	83.4 %			13Aug15 1350 by 306	13Aug15 1712 by 306		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	0.1 mg/l	102	85.0-115			W52884	13Aug15 0806 by 308	14Aug15 0912 by 308		
Total Cyanide	0.1 mg/l	90.9	85.0-115			W52893	13Aug15 0956 by 308	14Aug15 1052 by 308		
Total Recoverable Antimony	0.05 mg/l	100	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Arsenic	0.05 mg/l	100	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Beryllium	0.05 mg/l	99.0	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Cadmium	0.05 mg/l	101	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Chromium	0.05 mg/l	105	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Copper	0.05 mg/l	101	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Lead	0.05 mg/l	98.9	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Molybdenum	0.05 mg/l	98.2	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Nickel	0.05 mg/l	102	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Selenium	0.05 mg/l	103	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Silver	0.02 mg/l	99.6	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Thallium	0.05 mg/l	99.2	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Recoverable Zinc	0.05 mg/l	99.9	85.0-115			S39553	11Aug15 1326 by 313	11Aug15 1612 by 235		
Total Cyanide	0.500 mg/Kg	98.3	85.0-115			W52871	12Aug15 0801 by 308	12Aug15 1403 by 308		
Total Recoverable Phenolics	10.0 mg/Kg	104	85.0-115			W52870	12Aug15 0801 by 308	12Aug15 1531 by 308		
Antimony	500 mg/Kg	90.8	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Arsenic	500 mg/Kg	92.3	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Beryllium	50.0 mg/Kg	91.7	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Cadmium	500 mg/Kg	94.6	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Chromium	50.0 mg/Kg	93.6	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Copper	50.0 mg/Kg	89.9	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Lead	500 mg/Kg	95.7	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Molybdenum	50.0 mg/Kg	89.7	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Nickel	50.0 mg/Kg	94.5	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Selenium	500 mg/Kg	99.6	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Silver	10.0 mg/Kg	108	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Thallium	500 mg/Kg	92.2	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Zinc	50.0 mg/Kg	92.6	85.0-115			S39568	13Aug15 1319 by 313	14Aug15 1221 by 317		
Mercury	1.25 mg/Kg	99.8	85.0-115			S39567	13Aug15 1047 by 313	13Aug15 1235 by 308		
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	66.2	45.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Acenaphthylene	40 ug/l	63.5	50.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Anthracene	40 ug/l	67.6	55.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Benzidine	100 ug/l	18.7	0.00-46.1			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Benzo(a)anthracene	40 ug/l	68.8	55.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Benzo(a)pyrene	40 ug/l	67.3	55.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Benzo(g,h,i)perylene	40 ug/l	60.0	40.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Benzo(k)fluoranthene	40 ug/l	69.2	45.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
3,4-Benzofluoranthene	40 ug/l	70.6	45.0-120			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		

Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

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-chloroethoxy)methane	40 ug/l	71.6	45.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Bis(2-chloroethyl)ether	40 ug/l	69.6	35.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	68.1	25.0-130			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	63.8	40.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
4-Bromophenyl phenyl ether	40 ug/l	70.1	50.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Butylbenzyl phthalate	40 ug/l	60.4	45.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2-Chloronaphthalene	40 ug/l	63.4	50.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2-Chlorophenol	40 ug/l	66.4	35.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	71.6	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Chrysene	40 ug/l	70.2	55.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Di-n-butyl phthalate	40 ug/l	73.0	55.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Di-n-octyl phthalate	40 ug/l	63.6	35.0-135			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Dibenz(a,h)anthracene	40 ug/l	62.1	40.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
3,3'-Dichlorobenzidine	40 ug/l	67.4	20.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4-Dichlorophenol	40 ug/l	68.4	50.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Diethyl phthalate	40 ug/l	71.9	40.0-120			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Dimethyl phthalate	40 ug/l	68.4	25.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4-Dimethylphenol	40 ug/l	58.6	30.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
4,6-Dinitro-o-cresol	40 ug/l	70.6	40.0-130			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4-Dinitrophenol	40 ug/l	61.6	15.0-140			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4-Dinitrotoluene	40 ug/l	76.4	50.0-120			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,6-Dinitrotoluene	40 ug/l	71.6	50.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
1,2-Diphenylhydrazine	40 ug/l	62.6	55.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Fluoranthene	40 ug/l	73.5	55.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Fluorene	40 ug/l	67.5	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Hexachlorobenzene	40 ug/l	70.6	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Hexachlorobutadiene	40 ug/l	65.2	25.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Hexachlorocyclopentadiene	40 ug/l	62.8	41.2-107			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Hexachloroethane	40 ug/l	64.8	30.0-100			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	58.6	45.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Isophorone	40 ug/l	68.6	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	72.0	35.0-130			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
n-Nitrosodimethylamine	40 ug/l	53.4	25.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
n-Nitrosodiphenylamine	40 ug/l	62.6	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Naphthalene	40 ug/l	65.6	40.0-100			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Nitrobenzene	40 ug/l	71.8	45.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2-Nitrophenol	40 ug/l	70.2	40.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
4-Nitrophenol	40 ug/l	47.3	0.00-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
p-Chloro-m-cresol	40 ug/l	69.7	45.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Pentachlorophenol	40 ug/l	67.4	40.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)										
Phenanthrene	40 ug/l	67.4	50.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Phenol	40 ug/l	41.6	0.00-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Pyrene	40 ug/l	56.8	50.0-130			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
1,2,4-Trichlorobenzene	40 ug/l	66.2	35.0-105			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4,6-Trichlorophenol	40 ug/l	65.3	50.0-115			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	65.6	50.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2-Fluorophenol	40 ug/l	58.4	20.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Nitrobenzene-D5	40 ug/l	74.0	40.0-110			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Terphenyl-D14	40 ug/l	64.3	50.0-135			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
2,4,6-Tribromophenol	40 ug/l	68.3	40.0-125			B9633	13Aug15 0947 by 306	13Aug15 1703 by 301		
Organochlorine Pesticides and PCBs										
Aldrin	10 ug/l	77.3	25.0-140			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
alpha-BHC	10 ug/l	83.3	60.0-130			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
alpha-Endosulfan	10 ug/l	89.0	50.0-110			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
beta-BHC	10 ug/l	81.1	65.0-125			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
beta-Endosulfan	10 ug/l	90.3	30.0-130			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Chlorpyrifos	10 ug/l	82.8	64.6-91.4			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
4,4'-DDD	10 ug/l	88.2	25.0-150			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
4,4'-DDE	10 ug/l	80.9	35.0-140			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
4,4'-DDT	10 ug/l	95.7	45.0-140			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
delta-BHC	10 ug/l	87.2	45.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Dieldrin	10 ug/l	88.5	60.0-130			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Endosulfan sulfate	10 ug/l	71.2	55.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Endrin	10 ug/l	88.4	55.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Endrin aldehyde	10 ug/l	110	55.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
gamma-BHC	10 ug/l	83.7	25.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Heptachlor	10 ug/l	81.5	40.0-130			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Heptachlor epoxide	10 ug/l	85.2	60.0-130			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Organochlorine Pesticides and PCBs Surrogates:										
Decachlorobiphenyl	20 ug/l	81.2	30.0-135			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		
Tetrachloro-m-xylene	20 ug/l	110	25.0-140			G10219	13Aug15 1350 by 306	13Aug15 1649 by 306		

Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	193172-1	0.1 mg/l	98.3	80.0-120	W52884	13Aug15 0806 by 308	14Aug15 0914 by 308		
	193172-1	0.1 mg/l	96.2	80.0-120	W52884	13Aug15 0806 by 308	14Aug15 0915 by 308		
	Relative Percent Difference:		1.84	10.0	W52884				
Total Cyanide	193156-1	0.1 mg/l	83.0	75.0-125	W52893	13Aug15 0956 by 308	14Aug15 1056 by 308		
	193156-1	0.1 mg/l	87.3	75.0-125	W52893	13Aug15 0956 by 308	14Aug15 1058 by 308		
	Relative Percent Difference:		4.99	20.0	W52893				
Total Recoverable Antimony	193123-1	0.05 mg/l	107	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	107	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.130	20.0	S39553				
Total Recoverable Arsenic	193123-1	0.05 mg/l	98.1	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	99.5	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		1.39	20.0	S39553				
Total Recoverable Beryllium	193123-1	0.05 mg/l	99.0	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	99.2	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.272	20.0	S39553				
Total Recoverable Cadmium	193123-1	0.05 mg/l	99.2	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	99.1	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.119	20.0	S39553				
Total Recoverable Chromium	193123-1	0.05 mg/l	108	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	109	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.776	20.0	S39553				
Total Recoverable Copper	193123-1	0.05 mg/l	104	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	103	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.840	20.0	S39553				
Total Recoverable Lead	193123-1	0.05 mg/l	97.4	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	98.2	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.807	20.0	S39553				
Total Recoverable Molybdenum	193123-1	0.05 mg/l	100	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	100	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.0856	20.0	S39553				
Total Recoverable Nickel	193123-1	0.05 mg/l	104	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	104	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.134	20.0	S39553				
Total Recoverable Selenium	193123-1	0.05 mg/l	94.5	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	95.7	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		1.23	20.0	S39553				
Total Recoverable Silver	193123-1	0.02 mg/l	102	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.02 mg/l	101	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		1.19	20.0	S39553				
Total Recoverable Thallium	193123-1	0.05 mg/l	103	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	102	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.127	20.0	S39553				
Total Recoverable Zinc	193123-1	0.05 mg/l	98.4	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1617 by 235		
	193123-1	0.05 mg/l	98.7	75.0-125	S39553	11Aug15 1326 by 313	11Aug15 1623 by 235		
	Relative Percent Difference:		0.239	20.0	S39553				
Total Cyanide	193156-4	0.954 mg/Kg	90.2	75.0-125	W52871	12Aug15 0801 by 308	12Aug15 1407 by 308		
	193156-4	0.971 mg/Kg	89.4	75.0-125	W52871	12Aug15 0801 by 308	12Aug15 1409 by 308		
	Relative Percent Difference:		1.10	20.0	W52871				
Total Recoverable Phenolics	193156-4	9.70 mg/Kg	86.7	80.0-120	W52870	12Aug15 0801 by 308	12Aug15 1532 by 308		
	193156-4	9.30 mg/Kg	89.1	80.0-120	W52870	12Aug15 0801 by 308	12Aug15 1533 by 308		
	Relative Percent Difference:		2.16	10.0	W52870				

Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Antimony	193177-5	498 mg/Kg	87.8	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	87.7	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.0339	20.0	S39568				
Arsenic	193177-5	498 mg/Kg	94.2	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	94.0	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.150	20.0	S39568				
Beryllium	193177-5	49.8 mg/Kg	91.6	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	49.4 mg/Kg	91.9	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.415	20.0	S39568				
Cadmium	193177-5	498 mg/Kg	85.5	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	85.0	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.399	20.0	S39568				
Chromium	193177-5	49.8 mg/Kg	82.4	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	49.4 mg/Kg	81.7	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.449	20.0	S39568				
Copper	193177-5	49.8 mg/Kg	83.0	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	49.4 mg/Kg	80.7	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		1.02	20.0	S39568				
Lead	193177-5	498 mg/Kg	85.7	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	85.3	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.350	20.0	S39568				
Molybdenum	193177-5	49.8 mg/Kg	88.5	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	49.4 mg/Kg	88.5	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.144	20.0	S39568				
Nickel	193177-5	49.8 mg/Kg	84.0	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	49.4 mg/Kg	83.0	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.806	20.0	S39568				
Selenium	193177-5	498 mg/Kg	91.9	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	91.5	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.366	20.0	S39568				
Silver	193177-5	9.96 mg/Kg	96.8	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	9.88 mg/Kg	89.6	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		6.52	20.0	S39568				
Thallium	193177-5	498 mg/Kg	80.3	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		
	193177-5	494 mg/Kg	80.5	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		
	Relative Percent Difference:		0.417	20.0	S39568				
Zinc	193177-5	49.8 mg/Kg	-	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1227 by 317		X
	193177-5	49.4 mg/Kg	-	75.0-125	S39568	13Aug15 1319 by 313	14Aug15 1234 by 317		X
	Relative Percent Difference:		1.13	20.0	S39568				
Mercury	193177-5	2.49 mg/Kg	107	70.0-130	S39567	13Aug15 1047 by 313	13Aug15 1239 by 308		
	193177-5	2.29 mg/Kg	106	70.0-130	S39567	13Aug15 1047 by 313	13Aug15 1243 by 308		
	Relative Percent Difference:		1.12	20.0	S39567				
Base/Neutral and Acid Compounds									
Acenaphthene	193156-2	40 ug/l	68.9	45.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Acenaphthylene	193156-2	40 ug/l	66.8	50.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Anthracene	193156-2	40 ug/l	72.1	55.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Benzidine	193156-2	100 ug/l	17.7	0.00-37.6	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Benzo(a)anthracene	193156-2	40 ug/l	74.6	55.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Benzo(a)pyrene	193156-2	40 ug/l	73.5	55.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Benzo(g,h,i)perylene	193156-2	40 ug/l	62.7	40.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Benzo(k)fluoranthene	193156-2	40 ug/l	72.7	45.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
3,4-Benzofluoranthene	193156-2	40 ug/l	78.5	45.0-120	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Bis(2-chloroethoxy)methane	193156-2	40 ug/l	72.4	45.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Bis(2-chloroethyl)ether	193156-2	40 ug/l	69.2	35.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Bis(2-chloroisopropyl)ether	193156-2	40 ug/l	67.9	25.0-130	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Bis(2-ethylhexyl)phthalate	193156-2	40 ug/l	82.3	40.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
4-Bromophenyl phenyl ether	193156-2	40 ug/l	75.1	50.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Butylbenzyl phthalate	193156-2	40 ug/l	80.9	45.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2-Chloronaphthalene	193156-2	40 ug/l	63.4	50.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2-Chlorophenol	193156-2	40 ug/l	65.0	35.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
4-Chlorophenyl phenyl ether	193156-2	40 ug/l	74.8	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Chrysene	193156-2	40 ug/l	74.9	55.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Di-n-butyl phthalate	193156-2	40 ug/l	78.4	55.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Di-n-octyl phthalate	193156-2	40 ug/l	90.1	35.0-135	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Dibenz(a,h)anthracene	193156-2	40 ug/l	65.1	40.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
3,3'-Dichlorobenzidine	193156-2	40 ug/l	61.4	20.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4-Dichlorophenol	193156-2	40 ug/l	70.8	50.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Diethyl phthalate	193156-2	40 ug/l	79.6	40.0-120	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Dimethyl phthalate	193156-2	40 ug/l	74.2	25.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4-Dimethylphenol	193156-2	40 ug/l	49.8	30.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
4,6-Dinitro-o-cresol	193156-2	40 ug/l	90.6	40.0-130	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4-Dinitrophenol	193156-2	40 ug/l	94.4	15.0-140	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4-Dinitrotoluene	193156-2	40 ug/l	85.2	50.0-120	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,6-Dinitrotoluene	193156-2	40 ug/l	77.6	50.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
1,2-Diphenylhydrazine	193156-2	40 ug/l	64.7	55.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Fluoranthene	193156-2	40 ug/l	79.0	55.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Fluorene	193156-2	40 ug/l	72.5	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Hexachlorobenzene	193156-2	40 ug/l	75.8	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Hexachlorobutadiene	193156-2	40 ug/l	65.7	25.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Hexachlorocyclopentadiene	193156-2	40 ug/l	66.9	0.00-138	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Hexachloroethane	193156-2	40 ug/l	65.8	30.0-100	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Indeno(1,2,3-cd)pyrene	193156-2	40 ug/l	64.7	45.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Isophorone	193156-2	40 ug/l	68.4	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
n-Nitrosodi-n-propylamine	193156-2	40 ug/l	72.8	35.0-130	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
n-Nitrosodimethylamine	193156-2	40 ug/l	52.5	25.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
n-Nitrosodiphenylamine	193156-2	40 ug/l	66.3	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Naphthalene	193156-2	40 ug/l	66.1	40.0-100	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Nitrobenzene	193156-2	40 ug/l	70.2	45.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2-Nitrophenol	193156-2	40 ug/l	73.0	40.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	DII	Qual
Base/Neutral and Acid Compounds (Continued)									
4-Nitrophenol	193156-2	40 ug/l	47.0	0.00-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
p-Chloro-m-cresol	193156-2	40 ug/l	78.2	45.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Pentachlorophenol	193156-2	40 ug/l	87.2	40.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Phenanthrene	193156-2	40 ug/l	70.6	50.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Phenol	193156-2	40 ug/l	37.1	0.00-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Pyrene	193156-2	40 ug/l	66.0	50.0-130	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
1,2,4-Trichlorobenzene	193156-2	40 ug/l	66.2	35.0-105	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4,6-Trichlorophenol	193156-2	40 ug/l	71.0	50.0-115	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	193156-2	40 ug/l	65.0	50.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2-Fluorophenol	193156-2	40 ug/l	52.6	20.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Nitrobenzene-D5	193156-2	40 ug/l	70.7	40.0-110	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Terphenyl-D14	193156-2	40 ug/l	70.6	50.0-135	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
2,4,6-Tribromophenol	193156-2	40 ug/l	76.0	40.0-125	B9633	13Aug15 0947 by 306	13Aug15 1738 by 301		
Organochlorine Pesticides and PCBs									
Aldrin	193156-2	10 ug/l	70.4	25.0-140	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
alpha-BHC	193156-2	10 ug/l	92.8	60.0-130	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
alpha-Endosulfan	193156-2	10 ug/l	101	50.0-110	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
beta-BHC	193156-2	10 ug/l	92.0	65.0-125	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
beta-Endosulfan	193156-2	10 ug/l	104	30.0-130	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Chlorpyrifos	193156-2	10 ug/l	86.5	62.4-114	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
4,4'-DDD	193156-2	10 ug/l	73.1	25.0-150	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
4,4'-DDE	193156-2	10 ug/l	79.0	35.0-140	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
4,4'-DDT	193156-2	10 ug/l	95.3	45.0-140	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
delta-BHC	193156-2	10 ug/l	103	45.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Dieldrin	193156-2	10 ug/l	109	60.0-130	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Endosulfan sulfate	193156-2	10 ug/l	100	55.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Endrin	193156-2	10 ug/l	96.4	55.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Endrin aldehyde	193156-2	10 ug/l	94.8	55.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
gamma-BHC	193156-2	10 ug/l	99.4	25.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Heptachlor	193156-2	10 ug/l	90.8	40.0-130	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Heptachlor epoxide	193156-2	10 ug/l	87.6	60.0-130	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Organochlorine Pesticides and PCBs Surrogates:									
Decachlorobiphenyl	193156-2	20 ug/l	110	30.0-135	G10219	13Aug15 1350 by 306	13Aug15 1700 by 306		
Tetrachloro-m-xylene	193156-2	20 ug/l	103	25.0-140	G10219	13Aug15 1350 by 306	13Aug15 1700 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							
4-Chlorophenyl phenyl ether	< 2.1 ug/l	2.1	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Chrysene	< 0.66 ug/l	0.66	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Di-n-butyl phthalate	< 1.8 ug/l	1.8	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Di-n-octyl phthalate	< 1.9 ug/l	1.9	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Dibenz(a,h)anthracene	< 1.6 ug/l	1.6	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
3,3'-Dichlorobenzidine	< 3.0 ug/l	3.0	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4-Dichlorophenol	< 1.7 ug/l	1.7	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Diethyl phthalate	< 1.5 ug/l	1.5	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Dimethyl phthalate	< 0.58 ug/l	0.58	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4-Dimethylphenol	< 2.8 ug/l	2.8	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
4,6-Dinitro-o-cresol	< 1.4 ug/l	1.4	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4-Dinitrophenol	< 4.5 ug/l	4.5	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4-Dinitrotoluene	< 0.54 ug/l	0.54	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,6-Dinitrotoluene	< 0.46 ug/l	0.46	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
1,2-Diphenylhydrazine	< 0.76 ug/l	0.76	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Fluoranthene	< 1.4 ug/l	1.4	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Fluorene	< 0.57 ug/l	0.57	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Hexachlorobenzene	< 2.1 ug/l	2.1	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Hexachlorobutadiene	< 2.5 ug/l	2.5	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Hexachlorocyclopentadiene	< 2.5 ug/l	2.5	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Hexachloroethane	< 1.1 ug/l	1.1	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Indeno(1,2,3-cd)pyrene	< 2.4 ug/l	2.4	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Isophorone	< 2.3 ug/l	2.3	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
n-Nitrosodi-n-propylamine	< 0.81 ug/l	0.81	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
n-Nitrosodimethylamine	< 4.1 ug/l	4.1	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
n-Nitrosodiphenylamine	< 1.5 ug/l	1.5	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	R
Naphthalene	< 0.73 ug/l	0.73	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Nitrobenzene	< 1.8 ug/l	1.8	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2-Nitrophenol	< 2.0 ug/l	2.0	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
4-Nitrophenol	< 0.69 ug/l	0.69	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
p-Chloro-m-cresol	< 0.63 ug/l	0.63	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Pentachlorophenol	< 0.75 ug/l	0.75	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Phenanthrene	< 1.2 ug/l	1.2	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Phenol	< 1.2 ug/l	1.2	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Pyrene	< 1.4 ug/l	1.4	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
1,2,4-Trichlorobenzene	< 0.94 ug/l	0.94	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4,6-Trichlorophenol	< 0.76 ug/l	0.76	5.0	B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	70.5 %			B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2-Fluorophenol (20.0-110%)	60.8 %			B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Nitrobenzene-D5 (40.0-110%)	77.6 %			B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Terphenyl-D14 (50.0-135%)	80.0 %			B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
2,4,6-Tribromophenol (40.0-125%)	52.2 %			B9633-1	13Aug15 0947 by 306	13Aug15 1628 by 301	
Organochlorine Pesticides and PCBs							
Aldrin	< 0.0013 ug/l	0.0013	0.010	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
alpha-BHC	< 0.0013 ug/l	0.0013	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
alpha-Endosulfan	< 0.0021 ug/l	0.0021	0.010	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
beta-BHC	< 0.0042 ug/l	0.0042	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
beta-Endosulfan	< 0.0032 ug/l	0.0032	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	



Springdale Water Utilities
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LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Organochlorine Pesticides and PCBs							
Chlordane	< 0.052 ug/l	0.052	0.10	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Chlorpyrifos	< 0.0027 ug/l	0.0027	0.050	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
4,4'-DDD	< 0.0036 ug/l	0.0036	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
4,4'-DDE	< 0.0025 ug/l	0.0025	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
4,4'-DDT	< 0.0041 ug/l	0.0041	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
delta-BHC	< 0.0028 ug/l	0.0028	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Dieldrin	< 0.0032 ug/l	0.0032	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Endosulfan sulfate	< 0.0036 ug/l	0.0036	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Endrin	< 0.0026 ug/l	0.0026	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Endrin aldehyde	< 0.0029 ug/l	0.0029	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
gamma-BHC	< 0.0021 ug/l	0.0021	0.020	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Heptachlor	< 0.00085 ug/l	0.00085	0.010	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Heptachlor epoxide	< 0.0031 ug/l	0.0031	0.010	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1016	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1221	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1232	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1242	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1248	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1254	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
PCB 1260	< 0.20 ug/l	0.20	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Toxaphene	< 0.13 ug/l	0.13	0.20	G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Organochlorine Pesticides and PCBs Surrogates:							
Decachlorobiphenyl (30.0-135%)	93.2 %			G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	
Tetrachloro-m-xylene (25.0-140%)	106 %			G10219-1	13Aug15 1350 by 306	13Aug15 1637 by 306	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: Springdale Water Utilities			PO No.		ANALYSES REQUESTED										AIC CONTROL NO: 193156						
Project Reference: Table II, Table III			MATRIX		Cyanide Phenolics BNA 625 Pest VOA PP Metals + MO (No Hg) Table III: CW, T, Phenolics PP Metals + MO										AIC PROPOSAL NO:						
Project Manager: Brad Stewart															WATER SOIL S		Carrier: Fed-Y				
Sampled By: Operations staff			GRAB	COMP											Received Temperature C 3.5°C						
AIC No.	Sample Identification	Date/Time Collected															Remarks				
1	EFFLUENT	0600, 1200, 1800, 2400 08/06-07/15	✓	✓																	
1	EFFLUENT	0600, 1200, 1800, 2400 08/06-07/15	✓	✓																	
2	EFFLUENT	0600-0600 08/06-07/15	✓	✓																	
2	EFFLUENT	0600-0600 08/06-07/15	✓	✓																	
3	EFFLUENT	08/06/15 0600, 1200, 1800, 2400 08/06-07/15	✓	✓																	
2	EFFLUENT	0600-0600 08/06-07/15	✓	✓																	
4	Belt Press Inflow	0710 08/07/15	✓														Field pH calibration				
Container Type																	on _____ @ _____				
Preservative																	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 = (NH4)2SO4, NH4OH																		
Turnaround Time Requested: (Please circle) <u>(NORMAL)</u> or EXPEDITED IN _____ DAYS					Relinquished By: <i>Bill He</i>					Date/Time: 8/10/15/1340					Received By:		Date/Time				
Expedited results requested by: <u>NIA</u>					Relinquished By:					Date/Time:					Received in Lab By: <i>Laura Hopton</i>		Date/Time: 8-11-15 1015				
Who should AIC contact with questions: <u>Brad Stewart</u>					Comments: Exclude Hg analysis on Metals																
Phone: 479-750-2657 Fax: 479-750-7195																					
Report Attention to: <u>Brad Stewart</u>																					
Report Address to: <u>P.O. Box 709</u>																					
Email Address: <u>bstewart@springdalewater.com</u>																					

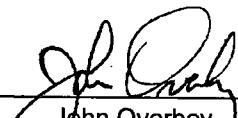


Springdale Water Utilities
ATTN: Mr. Brad Stewart
Post Office Box 769
Springdale, AR 72762

This report contains the analytical results and supporting information for samples submitted on August 5, 2015. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

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



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

SAMPLE INFORMATION

Project Description:

Six (6) water sample(s) received on August 5, 2015
Table II, Table III
P.O. No. 001865500

Receipt Details:

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

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

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
192975-1	Influent	04-Aug-2015 0800	
192975-2	Influent	04-Aug-2015 1400	
192975-3	Influent	04-Aug-2015 0800	

Qualifiers:

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

Case Narrative:

Matrix spike for batch B9623 was not performed on any sample associated with AIC Control No. 192975.

Equivalent composite of four samples was prepared for Control No. 192975-3.

Low recoveries for the Base/Neutral and Acid Surrogates, Terphnyl-D14, 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).

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ANALYTICAL RESULTS
AIC No. 192975-1
Sample Identification: Influent 04-Aug-2015 0800

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Recoverable Phenolics EPA 420.1	170	5	ug/l	
Prep: 11-Aug-2015 0805 by 308	Analyzed: 11-Aug-2015 1407 by 308		Batch: W52851	
Total Cyanide SM 4500-CN,C,E 1999	< 10	10	ug/l	
Prep: 06-Aug-2015 0830 by 308	Analyzed: 06-Aug-2015 1121 by 308		Batch: W52801	

AIC No. 192975-2
Sample Identification: Influent 04-Aug-2015 1400

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Recoverable Antimony EPA 200.8	< 60	60	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Arsenic EPA 200.8	< 0.5	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Beryllium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Cadmium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Chromium EPA 200.8	< 10	10	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Copper EPA 200.8	23	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Lead EPA 200.8	0.60	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Molybdenum EPA 200.8	< 8	8	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Nickel EPA 200.8	6.6	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Selenium EPA 200.8	< 5	5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Silver EPA 200.8	< 0.5	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Thallium EPA 200.8	< 0.5	0.5	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Total Recoverable Zinc EPA 200.8	99	20	ug/l	
Prep: 06-Aug-2015 0932 by 313	Analyzed: 06-Aug-2015 1300 by 235		Batch: S39525	
Base/Neutral and Acid Compounds By EPA 625				
Acenaphthene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Acenaphthylene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Anthracene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	

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 Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-2 (Continued)

Sample Identification: Influent 04-Aug-2015 1400

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Benzidine EPA 625	< 50	50	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Benzo(a)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Benzo(a)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Benzo(g,h,i)perylene EPA 625	< 20	20	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Benzo(k)fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
3,4-Benzofluoranthene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Bis(2-chloroethoxy)methane EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Bis(2-chloroethyl)ether EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Bis(2-chloroisopropyl)ether EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Bis(2-ethylhexyl)phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
4-Bromophenyl phenyl ether EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Butylbenzyl phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2-Chloronaphthalene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2-Chlorophenol EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
4-Chlorophenyl phenyl ether EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Chrysene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Di-n-butyl phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Di-n-octyl phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Dibenz(a,h)anthracene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
3,3'-Dichlorobenzidine EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	

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Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-2 (Continued)

Sample Identification: Influent 04-Aug-2015 1400

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
2,4-Dichlorophenol EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Diethyl phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Dimethyl phthalate EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2,4-Dimethylphenol EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
4,6-Dinitro-o-cresol EPA 625	< 50	50	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2,4-Dinitrophenol EPA 625	< 50	50	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2,4-Dinitrotoluene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2,6-Dinitrotoluene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
1,2-Diphenylhydrazine EPA 625	< 20	20	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Fluoranthene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Fluorene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Hexachlorobenzene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Hexachlorobutadiene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Hexachlorocyclopentadiene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Hexachloroethane EPA 625	< 20	20	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Indeno(1,2,3-cd)pyrene EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Isophorone EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
n-Nitrosodi-n-propylamine EPA 625	< 20	20	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
n-Nitrosodimethylamine EPA 625	< 50	50	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
n-Nitrosodiphenylamine EPA 625	< 20	20	ug/l	R
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-2 (Continued)

Sample Identification: Influent 04-Aug-2015 1400

Analyte	Result	RL	Units	Qualifier
Base/Neutral and Acid Compounds By EPA 625 (Continued)				
Naphthalene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Nitrobenzene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2-Nitrophenol EPA 625	< 20	20	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
4-Nitrophenol EPA 625	< 50	50	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
p-Chloro-m-cresol EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Pentachlorophenol EPA 625	< 5.0	5.0	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Phenanthrene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Phenol EPA 625	13	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Pyrene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
1,2,4-Trichlorobenzene EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
2,4,6-Trichlorophenol EPA 625	< 10	10	ug/l	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Surrogate: 2-Fluorobiphenyl (50.0-110%) EPA 625	22.6		%	Q
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Surrogate: 2-Fluorophenol (20.0-110%) EPA 625	23.5		%	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Surrogate: Nitrobenzene-D5 (40.0-110%) EPA 625	48.2		%	
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Surrogate: Terphenyl-D14 (50.0-135%) EPA 625	16.9		%	Q
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Surrogate: 2,4,6-Tribromophenol (40.0-125%) EPA 625	26.4		%	Q
Prep: 05-Aug-2015 1354 by 306	Analyzed: 05-Aug-2015 2258 by 301		Batch: B9623	
Organochlorine Pesticides and PCBs By EPA 608				
Aldrin EPA 608	< 0.010	0.010	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
alpha-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
alpha-Endosulfan EPA 608	< 0.010	0.010	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-2 (Continued)

Sample Identification: Influent 04-Aug-2015 1400

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
beta-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
beta-Endosulfan EPA 608	< 0.020	0.020	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Chlordane EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Chlorpyrifos EPA 608	< 0.070	0.070	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
4,4'-DDD EPA 608	< 0.10	0.10	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
4,4'-DDE EPA 608	< 0.10	0.10	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
4,4'-DDT EPA 608	< 0.020	0.020	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
delta-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Dieldrin EPA 608	< 0.020	0.020	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Endosulfan sulfate EPA 608	< 0.10	0.10	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Endrin EPA 608	< 0.020	0.020	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Endrin aldehyde EPA 608	< 0.10	0.10	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
gamma-BHC EPA 608	< 0.050	0.050	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Heptachlor EPA 608	< 0.010	0.010	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Heptachlor epoxide EPA 608	< 0.010	0.010	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1016 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1221 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1232 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1242 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1248 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-2 (Continued)

Sample Identification: Influent 04-Aug-2015 1400

Analyte	Result	RL	Units	Qualifier
Organochlorine Pesticides and PCBs By EPA 608 (Continued)				
PCB 1254 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
PCB 1260 EPA 608	< 0.20	0.20	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Toxaphene EPA 608	< 0.30	0.30	ug/l	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Surrogate: Decachlorobiphenyl (30.0-135%) EPA 608	47.0		%	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	
Surrogate: Tetrachloro-m-xylene (25.0-140%) EPA 608	113		%	
Prep: 06-Aug-2015 1440 by 306	Analyzed: 07-Aug-2015 1705 by 306		Batch: G10209	

AIC No. 192975-3

Sample Identification: Influent 04-Aug-2015 0800

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624				
Acrolein EPA 624	< 50	50	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Acrylonitrile EPA 624	< 20	20	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Benzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Bromoform EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Carbon tetrachloride EPA 624	< 2.0	2.0	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Chlorobenzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Chlorodibromomethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Chloroethane EPA 624	< 50	50	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
2-Chloroethyl vinyl ether EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Chloroform EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,2-Dichlorobenzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,3-Dichlorobenzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-3 (Continued)

Sample Identification: Influent 04-Aug-2015 0800

Analyte	Result	RL	Units	Qualifier
Volatile Organic Compounds By EPA 624 (Continued)				
1,4-Dichlorobenzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Dichlorobromomethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,1-Dichloroethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,2-Dichloroethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,1-Dichloroethylene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
trans-1,2-Dichloroethylene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,2-Dichloropropane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,3-Dichloropropylene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Ethylbenzene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Methyl bromide(Bromomethane) EPA 624	< 50	50	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Methyl chloride(Chloromethane) EPA 624	< 50	50	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Methylene chloride EPA 624	< 20	20	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,1,2,2-Tetrachloroethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Tetrachloroethylene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Toluene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,1,1-Trichloroethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
1,1,2-Trichloroethane EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Trichloroethylene EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Vinyl chloride EPA 624	< 10	10	ug/l	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	
Surrogate: 4-Bromofluorobenzene (75.0-120%) EPA 624	114		%	
Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301		Batch: V8804	



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

ANALYTICAL RESULTS

AIC No. 192975-3 (Continued)

Sample Identification: Influent 04-Aug-2015 0800

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Volatile Organic Compounds By EPA 624 (Continued)				
Surrogate: Dibromofluoromethane (85.0-115%)	95.2		%	
EPA 624	Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301	Batch: V8804	
Surrogate: Toluene-D8 (85.0-120%)	98.1		%	
EPA 624	Prep: 05-Aug-2015 1337 by 301	Analyzed: 06-Aug-2015 0105 by 301	Batch: V8804	



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
Volatile Organic Compounds								
TCLP: 1,1,2,2-Tetrachloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,1,1-Trichloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,1,2-Trichloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,2-Dichlorobenzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,3-Dichlorobenzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,4-Dichlorobenzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,1-Dichloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,2-Dichloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,1-Dichloroethylene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,2-Dichloropropane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 1,3-Dichloropropylene	192906-1	< 0.10 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.10 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 2-Chloroethyl vinyl ether	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	20.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Acrolein	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Acrylonitrile	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Benzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Bromodichloromethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Bromoform	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Bromomethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Carbon tetrachloride	192906-1	< 0.20 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.20 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Chlorobenzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Chloroethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Chloroform	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Chloromethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D



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
TCLP: Dibromochloromethane	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Ethylbenzene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Methylene chloride	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Tetrachloroethylene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Toluene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: trans-1,2-Dichloroethene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Trichloroethylene	192906-1	< 0.50 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.50 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Vinyl chloride	192906-1	< 0.20 mg/l			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	< 0.20 mg/l	0.00	30.0	05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: 4-Bromofluorobenzene (75.0-120%)	192906-1	95.0 %			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	95.8 %			05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Dibromofluoromethane (85.0-115%)	192906-1	97.2 %			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	93.5 %			05Aug15 1337 by 301	06Aug15 0029 by 301	100	D
TCLP: Toluene-D8 (85.0-120%)	192906-1	100 %			05Aug15 1336 by 301	05Aug15 2352 by 301	100	D
Batch: V8804	Duplicate	98.9 %			05Aug15 1337 by 301	06Aug15 0029 by 301	100	D



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	0.1 mg/l	104	85.0-115			W52851	11Aug15 0805 by 308	11Aug15 1404 by 308		
Total Cyanide	0.1 mg/l	93.8	85.0-115			W52801	06Aug15 0831 by 308	06Aug15 1112 by 308		
Total Recoverable Antimony	0.05 mg/l	106	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Arsenic	0.05 mg/l	102	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Beryllium	0.05 mg/l	103	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Cadmium	0.05 mg/l	102	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Chromium	0.05 mg/l	94.9	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Copper	0.05 mg/l	105	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Lead	0.05 mg/l	103	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Molybdenum	0.05 mg/l	99.1	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Nickel	0.05 mg/l	104	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Selenium	0.05 mg/l	103	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Silver	0.02 mg/l	100	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Thallium	0.05 mg/l	107	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Total Recoverable Zinc	0.05 mg/l	105	85.0-115			S39525	06Aug15 0932 by 313	06Aug15 1152 by 235		
Base/Neutral and Acid Compounds										
Acenaphthene	40 ug/l	75.5	45.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Acenaphthylene	40 ug/l	69.9	50.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Anthracene	40 ug/l	82.0	55.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Benzidine	100 ug/l	1.23	0.00-46.1			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Benzo(a)anthracene	40 ug/l	81.5	55.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Benzo(a)pyrene	40 ug/l	78.4	55.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Benzo(g,h,i)perylene	40 ug/l	91.0	40.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Benzo(k)fluoranthene	40 ug/l	82.6	45.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
3,4-Benzofluoranthene	40 ug/l	78.4	45.0-120			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Bis(2-chloroethoxy)methane	40 ug/l	89.4	45.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Bis(2-chloroethyl)ether	40 ug/l	81.2	35.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Bis(2-chloroisopropyl)ether	40 ug/l	84.4	25.0-130			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Bis(2-ethylhexyl)phthalate	40 ug/l	83.2	40.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
4-Bromophenyl phenyl ether	40 ug/l	87.1	50.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Butylbenzyl phthalate	40 ug/l	83.0	45.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2-Chloronaphthalene	40 ug/l	74.2	50.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2-Chlorophenol	40 ug/l	73.4	35.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
4-Chlorophenyl phenyl ether	40 ug/l	82.6	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Chrysene	40 ug/l	83.0	55.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Di-n-butyl phthalate	40 ug/l	80.4	55.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Di-n-octyl phthalate	40 ug/l	68.4	35.0-135			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Dibenz(a,h)anthracene	40 ug/l	87.2	40.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
1,2-Dichlorobenzene	40 ug/l	73.7	35.0-100			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
1,3-Dichlorobenzene	40 ug/l	70.6	30.0-100			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
1,4-Dichlorobenzene	40 ug/l	71.8	30.0-100			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)										
3,3'-Dichlorobenzidine	40 ug/l	62.4	20.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4-Dichlorophenol	40 ug/l	78.5	50.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Diethyl phthalate	40 ug/l	80.8	40.0-120			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Dimethyl phthalate	40 ug/l	81.7	25.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4-Dimethylphenol	40 ug/l	52.8	30.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
4,6-Dinitro-o-cresol	40 ug/l	66.4	40.0-130			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4-Dinitrophenol	40 ug/l	45.7	15.0-140			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4-Dinitrotoluene	40 ug/l	93.7	50.0-120			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,6-Dinitrotoluene	40 ug/l	91.5	50.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
1,2-Diphenylhydrazine	40 ug/l	79.8	55.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Fluoranthene	40 ug/l	85.8	55.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Fluorene	40 ug/l	81.3	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Hexachlorobenzene	40 ug/l	92.0	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Hexachlorobutadiene	40 ug/l	74.3	25.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Hexachlorocyclopentadiene	40 ug/l	64.4	41.2-107			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Hexachloroethane	40 ug/l	74.0	30.0-100			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Indeno(1,2,3-cd)pyrene	40 ug/l	84.3	45.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Isophorone	40 ug/l	84.0	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
n-Nitrosodi-n-propylamine	40 ug/l	83.3	35.0-130			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
n-Nitrosodimethylamine	40 ug/l	60.0	25.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
n-Nitrosodiphenylamine	40 ug/l	78.4	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Naphthalene	40 ug/l	84.2	40.0-100			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Nitrobenzene	40 ug/l	85.8	45.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2-Nitrophenol	40 ug/l	78.8	40.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
4-Nitrophenol	40 ug/l	45.6	0.00-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
p-Chloro-m-cresol	40 ug/l	78.2	45.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Pentachlorophenol	40 ug/l	59.9	40.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Phenanthrene	40 ug/l	80.5	50.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Phenol	40 ug/l	48.9	0.00-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Pyrene	40 ug/l	70.2	50.0-130			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
1,2,4-Trichlorobenzene	40 ug/l	76.6	35.0-105			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4,6-Trichlorophenol	40 ug/l	76.8	50.0-115			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Base/Neutral and Acid Compounds Surrogates:										
2-Fluorobiphenyl	40 ug/l	70.3	50.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2-Fluorophenol	40 ug/l	64.2	20.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Nitrobenzene-D5	40 ug/l	85.6	40.0-110			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Terphenyl-D14	40 ug/l	75.4	50.0-135			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
2,4,6-Tribromophenol	40 ug/l	83.2	40.0-125			B9623	05Aug15 1126 by 306	05Aug15 1855 by 301		
Volatile Organic Compounds										
Acrolein	100 ug/l	92.5	71.9-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatile Organic Compounds (Continued)										
Acrylonitrile	100 ug/l	105	68.3-134			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Benzene	20 ug/l	96.8	80.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Bromodichloromethane	20 ug/l	96.5	75.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Bromoform	20 ug/l	96.4	70.0-130			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Bromomethane	20 ug/l	95.2	30.0-145			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Carbon tetrachloride	20 ug/l	94.0	65.0-140			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Chlorobenzene	20 ug/l	97.0	80.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Chloroethane	20 ug/l	94.6	60.0-135			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
2-Chloroethyl vinyl ether	40 ug/l	100	70.1-124			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Chloroform	20 ug/l	95.8	65.0-135			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Chloromethane	20 ug/l	93.4	40.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Dibromochloromethane	20 ug/l	98.0	60.0-135			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,2-Dichlorobenzene	20 ug/l	94.4	70.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,3-Dichlorobenzene	20 ug/l	94.5	75.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,4-Dichlorobenzene	20 ug/l	92.8	75.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,1-Dichloroethane	20 ug/l	102	70.0-135			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,2-Dichloroethane	20 ug/l	99.8	70.0-130			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,1-Dichloroethene	20 ug/l	96.2	70.0-130			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
trans-1,2-Dichloroethene	20 ug/l	103	60.0-140			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,2-Dichloropropane	20 ug/l	99.6	75.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,3-Dichloropropylene	20 ug/l	94.7	74.1-108			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Ethylbenzene	20 ug/l	94.2	75.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Methylene chloride	20 ug/l	103	55.0-140			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,1,1,2-Tetrachloroethane	20 ug/l	95.7	65.0-130			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Tetrachloroethene	20 ug/l	94.8	45.0-150			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Toluene	20 ug/l	97.8	75.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,1,1-Trichloroethane	20 ug/l	95.7	65.0-130			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
1,1,2-Trichloroethane	20 ug/l	97.8	75.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Trichloroethene	20 ug/l	98.0	70.0-125			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Vinyl chloride	20 ug/l	94.8	50.0-145			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Volatile Organic Compounds Surrogates:										
4-Bromofluorobenzene	50 ug/l	101	75.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Dibromofluoromethane	50 ug/l	103	85.0-115			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Toluene-D8	50 ug/l	97.9	85.0-120			V8804	05Aug15 1337 by 301	05Aug15 2125 by 301		
Organochlorine Pesticides and PCBs										
Aldrin	10 ug/l	74.3	25.0-140			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
alpha-BHC	10 ug/l	76.0	60.0-130			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
alpha-Endosulfan	10 ug/l	77.4	50.0-110			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
beta-BHC	10 ug/l	75.7	65.0-125			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		



Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	DII	Qual
Organochlorine Pesticides and PCBs (Continued)										
beta-Endosulfan	10 ug/l	79.4	30.0-130			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Chlorpyrifos	10 ug/l	85.5	64.6-91.4			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
4,4'-DDD	10 ug/l	77.9	25.0-150			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
4,4'-DDE	10 ug/l	73.6	35.0-140			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
4,4'-DDT	10 ug/l	92.2	45.0-140			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
delta-BHC	10 ug/l	78.4	45.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Dieldrin	10 ug/l	80.0	60.0-130			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Endosulfan sulfate	10 ug/l	74.7	55.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Endrin	10 ug/l	83.8	55.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Endrin aldehyde	10 ug/l	85.3	55.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
gamma-BHC	10 ug/l	78.9	25.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Heptachlor	10 ug/l	80.1	40.0-130			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Heptachlor epoxide	10 ug/l	78.4	60.0-130			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Organochlorine Pesticides and PCBs Surrogates:										
Decachlorobiphenyl	20 ug/l	64.4	30.0-135			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		
Tetrachloro-m-xylene	20 ug/l	102	25.0-140			G10209	06Aug15 1440 by 306	06Aug15 1717 by 306		



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Recoverable Phenolics	193024-3	0.1 mg/l	88.1	80.0-120	W52851	11Aug15 0805 by 308	11Aug15 1406 by 308		
	193024-3	0.1 mg/l	89.9	80.0-120	W52851	11Aug15 0805 by 308	11Aug15 1407 by 308		
	Relative Percent Difference:		1.65	10.0	W52851				
Total Cyanide	192989-2	0.1 mg/l	92.2	75.0-125	W52801	06Aug15 0831 by 308	06Aug15 1116 by 308		
	192989-2	0.1 mg/l	94.1	75.0-125	W52801	06Aug15 0831 by 308	06Aug15 1117 by 308		
	Relative Percent Difference:		2.02	20.0	W52801				
Total Recoverable Antimony	192978-1	0.05 mg/l	108	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	110	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		1.15	20.0	S39525				
Total Recoverable Arsenic	192978-1	0.05 mg/l	104	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	106	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		1.95	20.0	S39525				
Total Recoverable Beryllium	192978-1	0.05 mg/l	92.0	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	92.9	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.974	20.0	S39525				
Total Recoverable Cadmium	192978-1	0.05 mg/l	99.6	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	100	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.423	20.0	S39525				
Total Recoverable Chromium	192978-1	0.05 mg/l	87.6	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	88.0	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.360	20.0	S39525				
Total Recoverable Copper	192978-1	0.05 mg/l	96.6	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	96.7	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.0696	20.0	S39525				
Total Recoverable Lead	192978-1	0.05 mg/l	101	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	101	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.0885	20.0	S39525				
Total Recoverable Molybdenum	192978-1	0.05 mg/l	88.4	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	89.7	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.566	20.0	S39525				
Total Recoverable Nickel	192978-1	0.05 mg/l	97.8	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	98.6	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.740	20.0	S39525				
Total Recoverable Selenium	192978-1	0.05 mg/l	97.2	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	100	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		2.95	20.0	S39525				
Total Recoverable Silver	192978-1	0.02 mg/l	99.1	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.02 mg/l	98.9	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.178	20.0	S39525				
Total Recoverable Thallium	192978-1	0.05 mg/l	106	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	105	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		0.100	20.0	S39525				
Total Recoverable Zinc	192978-1	0.05 mg/l	97.2	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1157 by 235		
	192978-1	0.05 mg/l	98.7	75.0-125	S39525	06Aug15 0932 by 313	06Aug15 1203 by 235		
	Relative Percent Difference:		1.29	20.0	S39525				

Base/Neutral and Acid Compounds

Acenaphthene	192906-1	40 ug/l	75.2	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	78.7	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.58	30.0	B9623				

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Acenaphthylene	192906-1	40 ug/l	70.4	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	74.2	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		5.19	30.0	B9623				
Anthracene	192906-1	40 ug/l	79.1	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	82.2	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.75	30.0	B9623				
Benzidine	192906-1	100 ug/l	0.00	0.00-37.6	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	100 ug/l	0.00	0.00-37.6	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.00	90.9	B9623				
Benzo(a)anthracene	192906-1	40 ug/l	81.3	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	85.8	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		5.33	30.0	B9623				
Benzo(a)pyrene	192906-1	40 ug/l	80.1	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	83.2	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.74	30.0	B9623				
Benzo(g,h,i)perylene	192906-1	40 ug/l	88.2	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	91.4	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.45	30.0	B9623				
Benzo(k)fluoranthene	192906-1	40 ug/l	78.0	45.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	84.5	45.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		7.94	30.0	B9623				
3,4-Benzofluoranthene	192906-1	40 ug/l	80.7	45.0-120	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	81.0	45.0-120	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.433	30.0	B9623				
Bis(2-chloroethoxy)methane	192906-1	40 ug/l	84.8	45.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	85.1	45.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.294	30.0	B9623				
Bis(2-chloroethyl)ether	192906-1	40 ug/l	82.6	35.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	80.8	35.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.23	30.0	B9623				
Bis(2-chloroisopropyl)ether	192906-1	40 ug/l	86.3	25.0-130	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	85.8	25.0-130	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.639	30.0	B9623				
Bis(2-ethylhexyl)phthalate	192906-1	40 ug/l	89.8	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	94.6	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		5.26	30.0	B9623				
4-Bromophenyl phenyl ether	192906-1	40 ug/l	80.0	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	81.3	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.61	30.0	B9623				
Butylbenzyl phthalate	192906-1	40 ug/l	86.6	45.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	90.6	45.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.54	30.0	B9623				
2-Chloronaphthalene	192906-1	40 ug/l	76.3	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	80.0	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.77	30.0	B9623				
2-Chlorophenol	192906-1	40 ug/l	81.3	35.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	81.7	35.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.491	30.0	B9623				
4-Chlorophenyl phenyl ether	192906-1	40 ug/l	73.9	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	75.6	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.37	30.0	B9623				

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Chrysene	192906-1	40 ug/l	82.6	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	86.4	55.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.53	30.0	B9623				
Di-n-butyl phthalate	192906-1	40 ug/l	58.9	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	63.6	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		7.75	30.0	B9623				
Di-n-octyl phthalate	192906-1	40 ug/l	73.2	35.0-135	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	78.5	35.0-135	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		6.95	30.0	B9623				
Dibenz(a,h)anthracene	192906-1	40 ug/l	87.1	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	91.0	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.38	30.0	B9623				
1,2-Dichlorobenzene	192906-1	40 ug/l	68.5	35.0-100	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	66.7	35.0-100	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.59	30.0	B9623				
1,3-Dichlorobenzene	192906-1	40 ug/l	68.8	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	66.7	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.17	30.0	B9623				
1,4-Dichlorobenzene	192906-1	40 ug/l	69.4	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	67.8	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.37	30.0	B9623				
3,3'-Dichlorobenzidine	192906-1	40 ug/l	6.62	20.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	DQ
	192906-1	40 ug/l	6.15	20.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	DQ
	Relative Percent Difference:		7.44	30.0	B9623				
2,4-Dichlorophenol	192906-1	40 ug/l	71.7	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	70.7	50.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.40	30.0	B9623				
Diethyl phthalate	192906-1	40 ug/l	62.2	40.0-120	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	64.8	40.0-120	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.72	30.0	B9623				
Dimethyl phthalate	192906-1	40 ug/l	71.9	25.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	72.4	25.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.617	30.0	B9623				
2,4-Dimethylphenol	192906-1	40 ug/l	71.4	30.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	62.6	30.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		13.1	30.0	B9623				
4,6-Dinitro-o-cresol	192906-1	40 ug/l	72.4	40.0-130	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	73.4	40.0-130	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.41	30.0	B9623				
2,4-Dinitrophenol	192906-1	40 ug/l	69.0	15.0-140	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	69.5	15.0-140	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.759	30.0	B9623				
2,4-Dinitrotoluene	192906-1	40 ug/l	74.8	50.0-120	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	76.7	50.0-120	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.48	30.0	B9623				
2,6-Dinitrotoluene	192906-1	40 ug/l	65.0	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	65.5	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.843	30.0	B9623				

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
1,2-Diphenylhydrazine	192906-1	40 ug/l	88.2	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	91.6	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.86	30.0	B9623				
Fluoranthene	192906-1	40 ug/l	78.4	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	81.5	55.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.94	30.0	B9623				
Fluorene	192906-1	40 ug/l	75.9	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	77.6	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.31	30.0	B9623				
Hexachlorobenzene	192906-1	40 ug/l	92.9	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	94.8	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.00	30.0	B9623				
Hexachlorobutadiene	192906-1	40 ug/l	72.6	25.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	73.0	25.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.618	30.0	B9623				
Hexachlorocyclopentadiene	192906-1	40 ug/l	75.7	0.00-138	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	80.8	0.00-138	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		6.61	30.0	B9623				
Hexachloroethane	192906-1	40 ug/l	72.9	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	70.5	30.0-100	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.38	30.0	B9623				
Indeno(1,2,3-cd)pyrene	192906-1	40 ug/l	83.7	45.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	87.6	45.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.50	30.0	B9623				
Isophorone	192906-1	40 ug/l	85.6	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	82.9	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.15	30.0	B9623				
n-Nitrosodi-n-propylamine	192906-1	40 ug/l	87.0	35.0-130	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	87.4	35.0-130	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.401	30.0	B9623				
n-Nitrosodimethylamine	192906-1	40 ug/l	57.7	25.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	55.6	25.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.75	30.0	B9623				
n-Nitrosodiphenylamine	192906-1	40 ug/l	72.1	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	74.0	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		2.57	30.0	B9623				
Naphthalene	192906-1	40 ug/l	55.7	40.0-100	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	54.2	40.0-100	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.52	30.0	B9623				
Nitrobenzene	192906-1	40 ug/l	76.3	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	67.4	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		10.2	30.0	B9623				
2-Nitrophenol	192906-1	40 ug/l	77.7	40.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	78.2	40.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.577	30.0	B9623				
4-Nitrophenol	192906-1	40 ug/l	56.9	0.00-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	56.6	0.00-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.484	30.0	B9623				
p-Chloro-m-cresol	192906-1	40 ug/l	68.1	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	64.8	45.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		4.93	30.0	B9623				

Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Base/Neutral and Acid Compounds (Continued)									
Pentachlorophenol	192906-1	40 ug/l	84.3	40.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	84.7	40.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.533	30.0		B9623			
Phenanthrene	192906-1	40 ug/l	80.6	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	83.2	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		3.11	30.0		B9623			
Phenol	192906-1	40 ug/l	71.6	0.00-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	70.2	0.00-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.94	30.0		B9623			
Pyrene	192906-1	40 ug/l	58.5	50.0-130	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	61.9	50.0-130	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		5.61	30.0		B9623			
1,2,4-Trichlorobenzene	192906-1	40 ug/l	71.7	35.0-105	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	71.5	35.0-105	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		0.279	30.0		B9623			
2,4,6-Trichlorophenol	192906-1	40 ug/l	71.7	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301	10	D
	192906-1	40 ug/l	72.6	50.0-115	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301	10	D
	Relative Percent Difference:		1.14	30.0		B9623			
Base/Neutral and Acid Compounds Surrogates:									
2-Fluorobiphenyl	192906-1	40 ug/l	75.9	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301		
	192906-1	40 ug/l	79.6	50.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301		
2-Fluorophenol	192906-1	40 ug/l	71.8	20.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301		
	192906-1	40 ug/l	66.4	20.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301		
Nitrobenzene-D5	192906-1	40 ug/l	84.2	40.0-110	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301		
	192906-1	40 ug/l	82.7	40.0-110	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301		
Terphenyl-D14	192906-1	40 ug/l	69.4	50.0-135	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301		
	192906-1	40 ug/l	72.6	50.0-135	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301		
2,4,6-Tribromophenol	192906-1	40 ug/l	79.4	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 1929 by 301		
	192906-1	40 ug/l	80.0	40.0-125	B9623	05Aug15 1126 by 306	05Aug15 2004 by 301		
Volatile Organic Compounds									
Acrolein	192906-1	100 ug/l	113	47.0-126	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Acrylonitrile	192906-1	100 ug/l	105	52.1-142	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Benzene	192906-1	20 ug/l	101	80.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Bromodichloromethane	192906-1	20 ug/l	102	75.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Bromoform	192906-1	20 ug/l	102	70.0-130	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Bromomethane	192906-1	20 ug/l	112	30.0-145	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Carbon tetrachloride	192906-1	20 ug/l	103	65.0-140	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Chlorobenzene	192906-1	20 ug/l	101	80.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Chloroethane	192906-1	20 ug/l	120	60.0-135	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
2-Chloroethyl vinyl ether	192906-1	40 ug/l	104	56.4-124	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Chloroform	192906-1	20 ug/l	99.7	65.0-135	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Chloromethane	192906-1	20 ug/l	109	40.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Dibromochloromethane	192906-1	20 ug/l	102	60.0-135	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,2-Dichlorobenzene	192906-1	20 ug/l	101	70.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D

Springdale Water Utilities
 Post Office Box 769
 Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Volatil Organic Compounds (Continued)									
1,3-Dichlorobenzene	192906-1	20 ug/l	98.6	75.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,4-Dichlorobenzene	192906-1	20 ug/l	98.9	75.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,1-Dichloroethane	192906-1	20 ug/l	102	70.0-135	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,2-Dichloroethane	192906-1	20 ug/l	103	70.0-130	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,1-Dichloroethene	192906-1	20 ug/l	104	70.0-130	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
trans-1,2-Dichloroethene	192906-1	20 ug/l	104	60.0-140	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,2-Dichloropropane	192906-1	20 ug/l	101	75.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,3-Dichloropropylene	192906-1	20 ug/l	99.4	48.8-133	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Ethylbenzene	192906-1	20 ug/l	101	75.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Methylene chloride	192906-1	20 ug/l	108	55.0-140	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,1,2,2-Tetrachloroethane	192906-1	20 ug/l	104	65.0-130	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Tetrachloroethene	192906-1	20 ug/l	99.2	45.0-150	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Toluene	192906-1	20 ug/l	102	75.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,1,1-Trichloroethane	192906-1	20 ug/l	98.4	65.0-130	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
1,1,2-Trichloroethane	192906-1	20 ug/l	102	75.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Trichloroethene	192906-1	20 ug/l	103	70.0-125	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Vinyl chloride	192906-1	20 ug/l	125	50.0-145	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Volatil Organic Compounds Surrogates:									
4-Bromofluorobenzene	192906-1	50 ug/l	103	75.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Dibromofluoromethane	192906-1	50 ug/l	100	85.0-115	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Toluene-D8	192906-1	50 ug/l	99.8	85.0-120	V8804	05Aug15 1337 by 301	05Aug15 2202 by 301	100	D
Organochlorine Pesticides and PCBs									
Aldrin	192906-3	10 ug/l	70.5	25.0-140	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	81.5	25.0-140	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		14.5	30.0	G10209				
alpha-BHC	192906-3	10 ug/l	110	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	86.4	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		23.7	30.0	G10209				
alpha-Endosulfan	192906-3	10 ug/l	87.7	50.0-110	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	90.0	50.0-110	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		2.59	30.0	G10209				
beta-BHC	192906-3	10 ug/l	68.8	65.0-125	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	74.8	65.0-125	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		8.36	30.0	G10209				
beta-Endosulfan	192906-3	10 ug/l	91.3	30.0-130	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	99.0	30.0-130	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		8.09	30.0	G10209				
Chlorpyrifos	192906-3	10 ug/l	77.4	62.4-114	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	95.8	62.4-114	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		11.9	29.1	G10209				
4,4'-DDD	192906-3	10 ug/l	92.0	25.0-150	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	79.4	25.0-150	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		14.7	30.0	G10209				



Springdale Water Utilities
Post Office Box 769
Springdale, AR 72762

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
4,4'-DDE	192906-3	10 ug/l	85.3	35.0-140	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	110	35.0-140	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		25.7	30.0	G10209				
4,4'-DDT	192906-3	10 ug/l	97.3	45.0-140	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	75.6	45.0-140	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		25.1	30.0	G10209				
delta-BHC	192906-3	10 ug/l	86.8	45.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	70.0	45.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		21.4	30.0	G10209				
Dieldrin	192906-3	10 ug/l	89.1	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	93.2	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		4.50	30.0	G10209				
Endosulfan sulfate	192906-3	10 ug/l	89.6	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	79.1	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		12.4	30.0	G10209				
Endrin	192906-3	10 ug/l	91.0	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	102	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		10.9	30.0	G10209				
Endrin aldehyde	192906-3	10 ug/l	87.1	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	84.2	55.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		2.04	30.0	G10209				
gamma-BHC	192906-3	10 ug/l	77.5	25.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	62.7	25.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		21.1	30.0	G10209				
Heptachlor	192906-3	10 ug/l	89.1	40.0-130	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	92.5	40.0-130	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		3.74	30.0	G10209				
Heptachlor epoxide	192906-3	10 ug/l	86.0	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306	10	D
	192906-3	10 ug/l	91.0	60.0-130	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306	10	D
	Relative Percent Difference:		5.65	30.0	G10209				
Organochlorine Pesticides and PCBs Surrogates:									
Decachlorobiphenyl	192906-3	20 ug/l	96.9	30.0-135	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306		
	192906-3	20 ug/l	99.8	30.0-135	G10209	06Aug15 1440 by 306	07Aug15 1630 by 306		
Tetrachloro-m-xylene	192906-3	20 ug/l	112	25.0-140	G10209	06Aug15 1440 by 306	07Aug15 1618 by 306		
	192906-3	20 ug/l	108	25.0-140	G10209	06Aug15 1440 by 306	07Aug15 1630 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
Total Recoverable Phenolics	< 0.005 mg/l	0.005	0.005	W52851-1	11Aug15 0805 by 308	11Aug15 1403 by 308	
Total Cyanide	< 0.01 mg/l	0.01	0.01	W52801-1	06Aug15 0831 by 308	06Aug15 1111 by 308	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Cadmium	< 0.0002 mg/l	0.0002	0.0002	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Molybdenum	< 0.008 mg/l	0.008	0.008	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S39525-1	06Aug15 0932 by 313	06Aug15 1146 by 235	
Base/Neutral and Acid Compounds							
Acenaphthene	< 0.54 ug/l	0.54	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Acenaphthylene	< 0.54 ug/l	0.54	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Anthracene	< 0.73 ug/l	0.73	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Benzidine	< 19 ug/l	19	25	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Benzo(a)anthracene	< 0.79 ug/l	0.79	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Benzo(a)pyrene	< 0.82 ug/l	0.82	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Benzo(g,h,i)perylene	< 1.3 ug/l	1.3	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Benzo(k)fluoranthene	< 0.89 ug/l	0.89	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
3,4-Benzofluoranthene	< 0.98 ug/l	0.98	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Bis(2-chloroethoxy)methane	< 2.3 ug/l	2.3	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Bis(2-chloroethyl)ether	< 0.87 ug/l	0.87	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Bis(2-chloroisopropyl)ether	< 0.97 ug/l	0.97	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Bis(2-ethylhexyl)phthalate	< 2.7 ug/l	2.7	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
4-Bromophenyl phenyl ether	< 0.56 ug/l	0.56	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Butylbenzyl phthalate	< 1.3 ug/l	1.3	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2-Chloronaphthalene	< 0.63 ug/l	0.63	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2-Chlorophenol	< 0.64 ug/l	0.64	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
4-Chlorophenyl phenyl ether	< 2.1 ug/l	2.1	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Chrysene	< 0.66 ug/l	0.66	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Di-n-butyl phthalate	< 1.8 ug/l	1.8	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Di-n-octyl phthalate	< 1.9 ug/l	1.9	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Dibenz(a,h)anthracene	< 1.6 ug/l	1.6	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
3,3'-Dichlorobenzidine	< 3.0 ug/l	3.0	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4-Dichlorophenol	< 1.7 ug/l	1.7	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Diethyl phthalate	< 1.5 ug/l	1.5	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Dimethyl phthalate	< 0.58 ug/l	0.58	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4-Dimethylphenol	< 2.8 ug/l	2.8	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
4,6-Dinitro-o-cresol	< 1.4 ug/l	1.4	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4-Dinitrophenol	< 4.5 ug/l	4.5	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4-Dinitrotoluene	< 0.54 ug/l	0.54	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,6-Dinitrotoluene	< 0.46 ug/l	0.46	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
1,2-Diphenylhydrazine	< 0.76 ug/l	0.76	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Fluoranthene	< 1.4 ug/l	1.4	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Fluorene	< 0.57 ug/l	0.57	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	



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							
Hexachlorobenzene	< 2.1 ug/l	2.1	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Hexachlorobutadiene	< 2.5 ug/l	2.5	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Hexachlorocyclopentadiene	< 2.5 ug/l	2.5	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Hexachloroethane	< 1.1 ug/l	1.1	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Indeno(1,2,3-cd)pyrene	< 2.4 ug/l	2.4	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Isophorone	< 2.3 ug/l	2.3	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
n-Nitrosodi-n-propylamine	< 0.81 ug/l	0.81	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
n-Nitrosodimethylamine	< 4.1 ug/l	4.1	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
n-Nitrosodiphenylamine	< 1.5 ug/l	1.5	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	R
Naphthalene	< 0.73 ug/l	0.73	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Nitrobenzene	< 1.8 ug/l	1.8	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2-Nitrophenol	< 2.0 ug/l	2.0	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
4-Nitrophenol	< 0.69 ug/l	0.69	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
p-Chloro-m-cresol	< 0.63 ug/l	0.63	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Pentachlorophenol	< 0.75 ug/l	0.75	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Phenanthrene	< 1.2 ug/l	1.2	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Phenol	< 1.2 ug/l	1.2	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Pyrene	< 1.4 ug/l	1.4	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
1,2,4-Trichlorobenzene	< 0.94 ug/l	0.94	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4,6-Trichlorophenol	< 0.76 ug/l	0.76	5.0	B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Base/Neutral and Acid Compounds Surrogates:							
2-Fluorobiphenyl (50.0-110%)	77.7 %			B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2-Fluorophenol (20.0-110%)	47.7 %			B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Nitrobenzene-D5 (40.0-110%)	73.5 %			B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Terphenyl-D14 (50.0-135%)	70.9 %			B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
2,4,6-Tribromophenol (40.0-125%)	40.8 %			B9623-1	05Aug15 1126 by 306	05Aug15 1822 by 301	
Volatile Organic Compounds							
Acrolein	< 2.0 ug/l	2.0	25	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Acrylonitrile	< 0.49 ug/l	0.49	25	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Benzene	< 0.054 ug/l	0.054	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Bromoform	< 0.11 ug/l	0.11	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Carbon tetrachloride	< 0.27 ug/l	0.27	2.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Chlorobenzene	< 0.087 ug/l	0.087	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Chlorodibromomethane	< 0.12 ug/l	0.12	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Chloroethane	< 0.22 ug/l	0.22	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
2-Chloroethyl vinyl ether	< 0.21 ug/l	0.21	10	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Chloroform	< 0.082 ug/l	0.082	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,2-Dichlorobenzene	< 0.093 ug/l	0.093	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,3-Dichlorobenzene	< 0.081 ug/l	0.081	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,4-Dichlorobenzene	< 0.12 ug/l	0.12	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Dichlorobromomethane	< 0.12 ug/l	0.12	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,1-Dichloroethane	< 0.076 ug/l	0.076	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,2-Dichloroethane	< 0.086 ug/l	0.086	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,1-Dichloroethylene	< 0.21 ug/l	0.21	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
trans-1,2-Dichloroethylene	< 0.17 ug/l	0.17	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,2-Dichloropropane	< 0.15 ug/l	0.15	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,3-Dichloropropylene	< 0.42 ug/l	0.42	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Ethylbenzene	< 0.057 ug/l	0.057	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Methyl bromide(Bromomethane)	< 0.11 ug/l	0.11	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	



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							
Methyl chloride(Chloromethane)	< 0.38 ug/l	0.38	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Methylene chloride	< 0.26 ug/l	0.26	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,1,2,2-Tetrachloroethane	< 0.088 ug/l	0.088	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Tetrachloroethylene	< 0.15 ug/l	0.15	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Toluene	< 0.076 ug/l	0.076	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,1,1-Trichloroethane	< 0.23 ug/l	0.23	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
1,1,2-Trichloroethane	< 0.18 ug/l	0.18	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Trichloroethylene	< 0.087 ug/l	0.087	5.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Vinyl chloride	< 0.15 ug/l	0.15	2.0	V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Volatile Organic Compounds Surrogates:							
4-Bromofluorobenzene (75.0-120%)	92.9 %			V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Dibromofluoromethane (85.0-115%)	96.2 %			V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Toluene-D8 (85.0-120%)	101 %			V8804-1	05Aug15 1337 by 301	05Aug15 2315 by 301	
Organochlorine Pesticides and PCBs							
Aldrin	< 0.0013 ug/l	0.0013	0.010	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
alpha-BHC	< 0.0013 ug/l	0.0013	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
alpha-Endosulfan	< 0.0021 ug/l	0.0021	0.010	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
beta-BHC	< 0.0042 ug/l	0.0042	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
beta-Endosulfan	< 0.0032 ug/l	0.0032	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Chlordane	< 0.052 ug/l	0.052	0.10	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Chlorpyrifos	< 0.0027 ug/l	0.0027	0.050	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
4,4'-DDD	< 0.0036 ug/l	0.0036	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
4,4'-DDE	< 0.0025 ug/l	0.0025	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
4,4'-DDT	< 0.0041 ug/l	0.0041	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
delta-BHC	< 0.0028 ug/l	0.0028	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Dieldrin	< 0.0032 ug/l	0.0032	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Endosulfan sulfate	< 0.0036 ug/l	0.0036	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Endrin	< 0.0026 ug/l	0.0026	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Endrin aldehyde	< 0.0029 ug/l	0.0029	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
gamma-BHC	< 0.0021 ug/l	0.0021	0.020	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Heptachlor	< 0.00085 ug/l	0.00085	0.010	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Heptachlor epoxide	< 0.0031 ug/l	0.0031	0.010	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1016	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1221	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1232	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1242	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1248	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1254	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
PCB 1260	< 0.20 ug/l	0.20	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Toxaphene	< 0.13 ug/l	0.13	0.20	G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Organochlorine Pesticides and PCBs Surrogates:							
Decachlorobiphenyl (30.0-135%)	65.1 %			G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	
Tetrachloro-m-xylene (25.0-140%)	92.6 %			G10209-1	06Aug15 1440 by 306	06Aug15 1705 by 306	



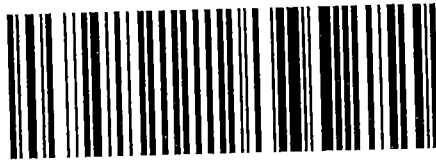
CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <u>Springdale Water Utilities</u>			PO No. <u>00186SSOD</u>		NO OF BOTTLES	ANALYSES REQUESTED										AIC CONTROL NO: <u>192975</u>							
Project Reference: <u>Table II, Table III</u>			MATRIX			cyanide	phenolics	BNA 625	PCST	PP Metals + Hg (No. Hg)	VLI tiles											AIC PROPOSAL NO:	
Project Manager: <u>Brad Stewart</u>			G R A B	C O M P	W A T E R							S O I L											Carrier: <u>FedEx</u>
Sampled By: <u>Operations Staff</u>																Received Temperature C: <u>0.1</u>							
AIC No.	Sample Identification	Date/Time Collected																				Remarks	
1	Influent	1400, 2000, 0200, 0800 08103-0411S		✓	✓			1	✓														
1	Influent	1400, 2000, 0200, 0800 08103-0411S		✓	✓			1		✓													
2	Influent	1400 - 1400 08103-0411S		✓	✓			4			✓												
2	Influent	1400 - 1400 08103-0411S		✓	✓			4			✓												
2	Influent	1400 - 1400 08103-0411S		✓	✓			1			✓												
3	Influent	1400, 2000, 0200, 0800 08103-0411S	✓	EF X	✓			4					✓										
Field pH calibration on _____ @ _____																							
Container Type Preservative																							
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) ₂ SO ₄ , NH ₄ OH																							
Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN _____ DAYS Expedited results requested by: <u>N/A</u> Who should AIC contact with questions: Phone: <u>479-750-3656</u> Fax: <u>479-750-7195</u> Report Attention to: <u>Brad Stewart</u> Report Address to: <u>P.O. BOX 769</u> Email Address: <u>Springdale, AR 72762</u>												Relinquished By: <u>Madue J</u> Date/Time: <u>08/04/15 1418</u>				Received By: _____ Date/Time: _____							
Relinquished By: _____ Date/Time: _____												Received in Lab By: <u>D. Brown</u> Date/Time: <u>8-5-15 1000</u>											
Comments: <u>Exclude Hg Analysis on Plant Influent.</u>																							

7810 9567 6081

SPRINGDALE WATER UTILITIES
526 OAK AVE
SPRINGDALE, AR 72762

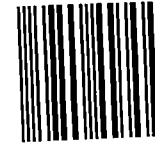
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5301 Northshore Drive
North Little Rock, AR 72118

