

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Wednesday, March 20, 2024 7:55 AM  
**To:** Water-Enforcement-Report; Richard Healey (adpce.ad); Thomas Harrington (adpce.ad)  
**Cc:** Simon Wiley; Zane Lewis; Spencer Briggs  
**Subject:** AR 0021865 AFIN: 08-00036t  
**Attachments:** BacT sampling MARCH 18 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday March 18, 2024.

Moving forward, we will continue to collect and analyze samples from the eight (8) locations specified and we will be forwarding those results when received.

If you have any questions, please feel free to contact me.

Thank you,

Terry

Terry Long, Plant Manager  
Eureka Springs WWTP  
100 Highway 23 N.  
Eureka Springs, AR 72632  
479-253-7410 - Office  
479-738-7035 - Cell  
479-253-6974 - Fax  
eswwtp@yahoo.com

Eureka Springs WWTP  
Eureka Springs Public Works Dept.  
3174 E. Van Buren  
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479-253-9600 - Office  
479-253-6974 - Fax

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

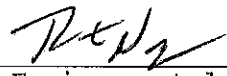
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020179	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 1158	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #1 WWTP & CREEK	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>		<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>						<u>By</u>	<u>% RPD</u>
03/18	1550	OKP	E. Coliforms	20.0 /100ml		06/2012 Colilert18	66.67	N/A *

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
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Control Number: 2403020180	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 1101	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #2 CREEK 835 HWY 23N	Purchase Order :

### Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/18	1550	OKP	E. Coliforms	109.0	/100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2403020181	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 1103	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #3 CRK @ POWERLINE	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>				
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recovery</u>
	03/18	1550	OKP	E. Coliforms	131.0	/100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2403020182	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 1116	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #4 CRK @ HWY 23 XING	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
03/18	1550	OKP	E. Coliforms	63.0 /100ml		06/2012 Colilert18	66.67	N/A *

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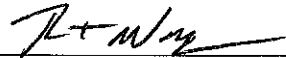
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020183	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 1158	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #5 CREEK UPSTREAM	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>						<u>Precision</u>	<u>Accuracy</u>	
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	
				<u>% RPD</u>			<u>% Recovery</u>	
03/18	1550	OKP	E. Coliforms	74.0	/100ml		66.67	N/A *

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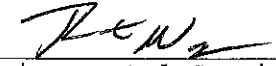
Northwest Arkansas Branch  
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 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020184	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 1120	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #6 CREEK AT GASKIN'S	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis		Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time By						% RPD	% Recovery
03/18	1550 OKP	E. Coliforms	< 10.0 /100ml			06/2012 Colilert18	66.67	N/A *

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Control Number: 2403020185	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 1132	Delivery By : WILLIAN BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #7 HWY 187 BRIDGE	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>		<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>						<u>By</u>	<u>% RPD</u>
03/18	1550	OKP	E. Coliforms	< 10.0 /100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2403020186	Sample Date : 03/18/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 1139	Delivery By : WILLIAM BALENTI
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #8 MARTIN MARINE	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>		<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time By</u>						<u>% RPD</u>	<u>% Recovery</u>
03/18	1550 OKP	E. Coliforms	15.0 /100ml			06/2012 Colilert18	66.67	N/A

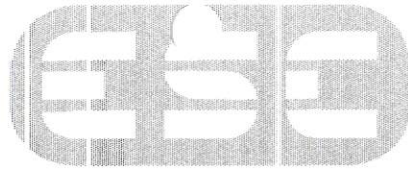
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 Little Rock, AR 72211 Little Rock, AR 72215  
 website: [www.esclabs.com](http://www.esclabs.com)



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

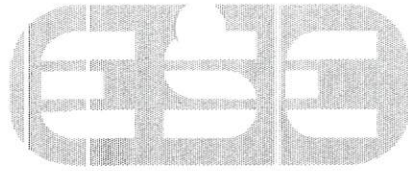
Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters								
Company Name:		Eureka Springs		Permit/Project #:		AR#0021865/AFIN 08-00036													
Address:		3174 E. Van Buren		Purchase Order #:															
		Eureka Springs, AR 72632		Sampler Name(s):		WILLIAM BALENTINE													
Telephone:		(479) 253-7410		and Signature(s):															
FAX:		(479) 253-6974																	
		<a href="mailto:ESWWTP@YAHOO.COM">ESWWTP@YAHOO.COM</a>																	
ESC Client Number:		1505-Effluent 1508-Influent																	
Sample Identification			Sample Collection				Sample Containers				Coli								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
#1 WWTP & Creek	2403020179	3/18/24	1158	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X									
36.42014 -93.73453																			
#2 Creek at 835 Hwy 23 N	2403020180	3/18/24	1101	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X									
36.42497 -93.73669																			
#3 Creek at powerline	2403020181	3/18/24	1103	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X									
36.42518 -93.73646																			
#4 Creek at Hwy 23 crossing	2403020182	3/18/24	1116	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X									
36.4398 -93.72906																			
#5 Creek upstream	2403020183	3/18/24	1158	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X									
36.42021 -93.73473																			
Relinquished By: (Signature and Printed Name)		Date		Time		Received By: (Signature and Printed Name)		Date		Time		Custody Seals:							
		3/18/24		1356				03/18/24		1356		Used? <input type="checkbox"/> Intact? <input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date		Time		Received By: (Signature and Printed Name)		Date		Time		Turnaround:							
												Regular <input type="checkbox"/> Special <input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date		Time		Received for Lab By: (Signature and Printed Name)		Date		Time		Were samples properly preserved:							
								03/18/24		1356		Yes <input type="checkbox"/> No <input type="checkbox"/>							
Comments:						FLOW DATA		Field/Test		Time		Analyst		Result		Result		Units	
						Analyst:		pH:											
						Time:		Temp.:								°C		°F	
						Reading:		DO:											
						Units:		Debris:											
Cool all samples to 6 degrees C.								Chlorinated? Yes No				This Document is Page <u>1</u> of 2							

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### CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters							
Company Name:		Eureka Springs		Permit/Project #:		AR#0021865/ AFIN 08-00036												
Address:		3174 E. Van Buren		Purchase Order #:														
		Eureka Springs, AR 72632		Sampler Name(s):		WILLIAM BALENTINE												
Telephone:		(479) 253-7410		and Signature(s):														
FAX:		(479) 253-6974																
ESC Client Number:		1505-Effluent 1508-Influent		ESWWTP@YAHOO.COM														
Sample Identification			Sample Collection				Sample Containers				Cool							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#									
#6 Creek at Gaskins	2403020184	3/18/24	1120	GRAB	Water	Sterile	100 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X								
36.426440 -93.443830																		
#7 Creek at Hwy 187 Bridge	2403020185	3/18/24	1132	GRAB	Water	Sterile	100 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X								
36.4456 -93.74420																		
#8 Creek at Martin Marine	2403020184	3/18/24	1139	GRAB	Water	Sterile	100 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X								
36.47349 -93.76037																		
Relinquished By: (Signature and Printed Name)		Date		Time		Received By: (Signature and Printed Name)		Date		Time		Custody Seals:						
		3/18/24		1356				03/18/24		1350		Used? <input type="checkbox"/> Intact? <input type="checkbox"/>						
Relinquished By: (Signature and Printed Name)		Date		Time		Received By: (Signature and Printed Name)		Date		Time		Turnaround:						
												Regular <input type="checkbox"/> Special <input type="checkbox"/>						
Relinquished By: (Signature and Printed Name)		Date		Time		Received for Lab By: (Signature and Printed Name)		Date		Time		Were samples properly preserved:						
								03/18/24		1350		Yes <input type="checkbox"/> No <input type="checkbox"/>						
Comments:				FLOW DATA		Field/ Test		Time		Analyst		Result		Result		Units:		
				Analyst:		pH:												
				Time:		Temp.:								°C		°F		
				Reading:		DO:												
				Units:		Debris:												
Cool all samples to 6 degrees C.								Chlorinated? Yes No				This Document is Page 2 of 2						

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