

## 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: 08-00036  
**Attachments:** BacT sampling MARCH 15 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday March 15, 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  
Eureka Springs, AR 72632  
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

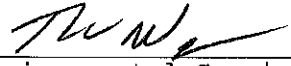
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020170	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0802	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>				
Analysis	Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
									% RPD	% Recovery
	03/15	1338	AMJ	E. Coliforms	238.0	/100ml		06/2012 Colilert18	20.58	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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OKP

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Control Number: 2403020171	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0849	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #2 CRK @835 HWY 23N	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>
03/15	1338	AMJ	E. Coliforms	1354.0 /100ml		06/2012 Colilert18	20.58	N/A *

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Control Number: 2403020172	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0852	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>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>	<u>% Recovery</u>
03/15	1338	AMJ	E. Coliforms	1317.0	/100ml	06/2012 Colilert18	20.58	N/A *

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

Control Number: 2403020173	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0857	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>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>
03/15	1338 AMJ	E. Coliforms	52.0 /100ml			06/2012 Colilert18	20.58	N/A *

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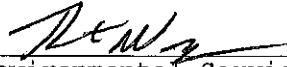
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020174	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0802	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>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>
03/15	1338 AMJ	E. Coliforms	209.0 /100ml			06/2012 Colilert18	20.58	N/A *

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Control Number: 2403020175	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0902	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #6 CREEK @ GASKINS	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>
	03/15	1338	AMJ	E. Coliforms	62.0	/100ml		06/2012 Colilert18	20.58	N/A *

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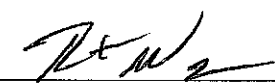
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2403020176	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0908	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 03/19/24	Sample From : #7 CRK@ HWY187 BRDGE	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>
	03/15	1338	AMJ	E. Coliforms	41.0 /100ml			06/2012 Colilert18	20.58	N/A *

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

Control Number: 2403020177	Sample Date : 03/15/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0916	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 :

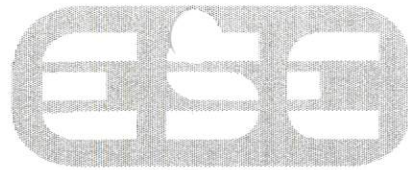
<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
<u>Analysis</u>		<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time By</u>						<u>% RPD</u>	<u>% Recovery</u>
03/15	1338 AMJ	E. Coliforms	121.5 /100ml			06/2012 Colilert18	20.58	N/A

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Signature   
 Environmental Services Co., Inc.

AKP



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

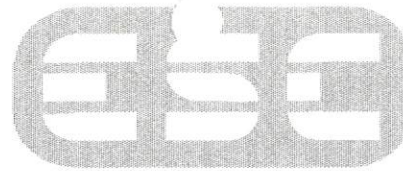
**CHAIN OF CUSTODY**

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): <u>William Balentine</u>													
Telephone: (479) 253-7410			and Signature(s):													
FAX: (479) 253-6974																
ESWTP@YAHOO.COM																
ESC Client Number: 1505-Effluent 1508-Influent																
Sample Identification		Sample Collection				Sample Containers				Coil Li						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#							
#1 WWTP & Creek	2403020170	3/15/24	0807	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	2403020171	3/15/24	0849	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	2403020172	3/15/24	0852	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	2403020173	3/15/24	0857	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	2403020174	3/15/24	0802	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) <u>William Balentine</u>		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Custody Seals:						
		3/15/24	1107							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:						
				<u>Olivia Perry</u>				03/15/24	1107	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 ___ of 2							

AMS

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 13715 West Markham P.O. Box 55146  
 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): <i>William Baleson TWC</i>														
Telephone: (479) 253-7410				and Signature(s):														
FAX: (479) 253-6974																		
ESC Client Number: 1505-Effluent 1508-Influent																		
Sample Identification		Sample Collection				Sample Containers				Coil								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#		Li							
#6 Creek at Gaskins	2403020175	3/15/24	0902	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	x								
36.426440 -93.443830																		
#7 Creek at Hwy 187 Bridge	2403020174	3/15/24	0908	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	x								
36.4456 -93.74420																		
#8 Creek at Martin Marine	2403020177	3/15/24	0916	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	x								
36.47349 -93.76037																		
Relinquished By:		Date	Time	Received By:				Date	Time	Custody Seals:								
Relinquished By: <i>William Baleson</i>		3/15/24	1107	Received By: <i>Olivia Kerry</i>						Used?	<input type="checkbox"/>	Intact?	<input type="checkbox"/>					
Relinquished By: <i>William Baleson</i>				Received By: <i>Olivia Kerry</i>						Turnaround:	Regular	<input type="checkbox"/>	Special	<input type="checkbox"/>				
Relinquished By: <i>William Baleson</i>				Received for Lab By: <i>Olivia Kerry</i>				Date	Time	Were samples properly preserved:								
Relinquished By: <i>William Baleson</i>				Received for Lab By: <i>Olivia Kerry</i>				03/15/24	1107	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>2</u> of 2								

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