

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Monday, February 12, 2024 12:56 PM  
**To:** Water-Enforcement-Report; Richard Healey (adpce.ad)  
**Subject:** AR0021865 AFIN 08-0036  
**Attachments:** BacT sampling FEBRUARY 7 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Wednesday February 7, 2024.

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

At this time however, we would also like to ask permission to halt the fecal bacteria testing, as the results of the samples taken on Friday January 26, Monday January 29, Wednesday January 31, Friday February 2, Monday February 5 and Wednesday February 7 all had sample results of less than the 126 colonies per 100 ml threshold prescribed by your department. In fact the results of each of those tests were less than 70 colonies per 100 ml, but we will continue the sampling program until given permission from your agency to halt the testing.

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: 2402020116	Sample Date : 02/07/24	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 : 02/09/24	Sample From : #1 WWTP & CREEK	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>		
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
02/07	1230	RWS	E. Coliforms	< 10.0	/100ml	06/2012 Colilert18	0.00	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 *R. Steven Woolsey*  
Environmental Services Co., Inc.

OKP

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Control Number: 2402020117      Sample Date : 02/07/24      Collected By: WILLIAM BALENTI  
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N      Sample Time : 0815      Delivery By : WILLIAM BALENTI  
Customer Number : 2849      Sample Type : GRAB WATER      Work Order :  
Report Date : 02/09/24      Sample From : #2 CREEK 835 HWY 23N      Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
<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>
02/07	1230	RWS	E. Coliforms	63.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020118

Sample Date : 02/07/24

Collected By: WILLIAM BALENTI

Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT

Sample Time : 0817

Delivery By : WILLIAM BALENTI

Customer Number : 2850

Sample Type : GRAB WATER

Work Order :

Report Date : 02/09/24

Sample From : #3 CREEK POWERLINE

Purchase Order :

## Laboratory Analysis

Analysis						<u>Quality Assurance</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>
								% RPD	% Recovery
02/07	1230	RWS	E. Coliforms	31.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020119      Sample Date : 02/07/24      Collected By: WILLIAM BALENTI  
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N      Sample Time : 0824      Delivery By : WILLIAM BALENTI  
Customer Number : 2851      Sample Type : GRAB WATER      Work Order :  
Report Date : 02/09/24      Sample From : #4 CREEK HWY 23 XING      Purchase Order :

## Laboratory Analysis

Analysis				Laboratory Analysis			Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
02/07	1230	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020120 Sample Date : 02/07/24 Collected By: WILLIAM BALENTI  
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP Sample Time : 0803 Delivery By : WILLIAM BALENTI  
Customer Number : 2852 Sample Type : GRAB WATER Work Order :  
Report Date : 02/09/24 Sample From : #5 CREEK UPSTREAM Purchase Order :

## Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
02/07	1230	RWS	E. Coliforms	10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020122      Sample Date : 02/07/24      Collected By: WILLIAM BALENTI  
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE      Sample Time : 0831      Delivery By : WILLIAM BALENTI  
Customer Number : 2854      Sample Type : GRAB WATER      Work Order :  
Report Date : 02/09/24      Sample From : #7 CREEK 187 BRIDGE      Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
<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>
02/07	1230	RWS	E. Coliforms	30.0	/100ml		06/2012 Colilert18	0.00	N/A *

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 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



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

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

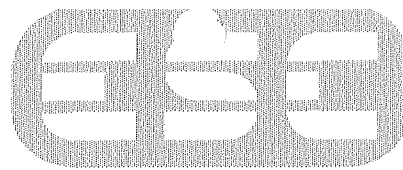
### CHAIN OF CUSTODY

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 BALENTINE</i>													
Telephone: (479) 253-7410				and Signature(s):													
FAX: (479) 253-6974																	
ESWWTP@YAHOO.COM																	
ESC Client Number: 1505-Effluent 1508-Influent																	
Sample Identification			Sample Collection			Sample Containers				Cool							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
#1 WWTP & Creek	2402020114	2/7/24	0802	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	2402020117	2/7/24	0815	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	2402020118	2/7/24	0817	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	2402020119	2/7/24	0824	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	2402020120	2/7/24	0807	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:							
<i>William Balentine</i>		2/7/24	11:54	<i>Robert Stephens</i>						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:							
				<i>Robert Stephens</i>				2/7/24	11:54	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units					
				Analyst:		pH:						°C °F					
				Time:		Temp.:											
				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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 website: www.esclabs.com



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Address: 3174 E. Van Buren				Purchase Order #: _____															
Eureka Springs, AR 72632				Sampler Name(s): <i>WILLIAM BALENTINE</i>															
Telephone: (479) 253-7410				and Signature(s):															
FAX: (479) 253-6974																			
ESWWTTP@YAHOO.COM																			
ESC Client Number: 1505-Effluent 1508-Influent																			
Sample Identification		Sample Collection				Sample Containers				Cool									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#		Li								
#6 Creek at Gaskins	2402020121	2/7/24	0836	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	2402020122	2/7/24	0831	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	2402020123	2/7/24	0841	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: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:											
		2/7/24	1154					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:											
						2/7/24	11:54	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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