

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Wednesday, February 7, 2024 1:07 PM  
**To:** Water-Enforcement-Report; Thomas Harrington (adpce.ad); Richard Healey (adpce.ad)  
**Cc:** Simon Wiley; Zane Lewis; Spencer Briggs  
**Subject:** AR0021865 - February 6 2024  
**Attachments:** BacT sampling FEBRUARY 2 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday February 2, 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, and Wednesday January 31 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: 2402020094	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0740	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #1 WWTP & CREEK	Purchase Order :

### Laboratory Analysis

<u>Analysis</u>						<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>
								<u>% RPD</u>	<u>% Recovery</u>
02/02	1329	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	*****	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   
 Environmental Services Co., Inc.

OKP

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Control Number: 2402020095	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0745	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	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
02/02	1329	RWS	E. Coliforms	87.5	/100ml		06/2012 Colilert18	*****	N/A

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Control Number: 2402020096	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0747	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #3 CREEK POWELRINE	Purchase Order :

### Laboratory Analysis

<u>Analysis</u>						<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>
								<u>% RPD</u>	<u>% Recovery</u>
02/02	1329	RWS	E. Coliforms	85.0 /100ml			06/2012 Colilert18	*****	N/A *

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Signature \_\_\_\_\_



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Control Number: 2402020097	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0753	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #4 CREEK HWY 23 XING	Purchase Order :

### Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/02	1329	RWS	E. Coliforms	74.0 /100ml			06/2012 Colilert18	*****	N/A *

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Control Number: 2402020098	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0740	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #5 CREEK UPSTREAM	Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/02	1329	RWS	E. Coliforms	30.0	/100ml		06/2012 Colilert18	*****	N/A *

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Control Number: 2402020099	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0754	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #6 CREEK AT GASKINS	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
02/02	1329	RWS	E. Coliforms	75.0	/100ml		06/2012 Colilert18	*****	N/A *

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Control Number: 2402020100	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0759	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #7 CREEK 187 BRIDGE	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>
02/02	1329	RWS	E. Coliforms	20.0 /100ml		06/2012 Colilert18	*****	N/A *

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Control Number: 2402020101	Sample Date : 02/02/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0804	Delivery By : WILLIAM BALENTI
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #8 MARTIN MARINE	Purchase Order :

### Laboratory Analysis

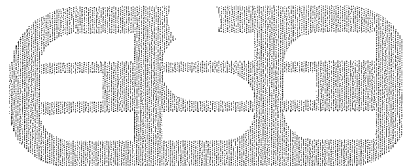
Analysis						<u>Quality Assurance</u>			
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								% RPD	% Recovery
02/02	1329	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	*****	N/A *

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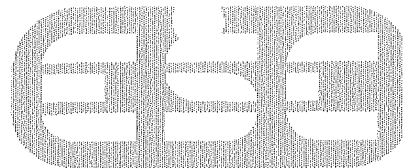
### CHAIN OF CUSTODY

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): <i>William BALENTINE</i>														
Telephone: (479) 253-7410				and Signature(s): <i>[Signature]</i>														
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	2402020094	2/2/24	0740	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	2402020095	2/2/24	0745	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	2402020096	2/2/24	0747	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	2402020097	2/2/24	0753	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	2402020098	2/2/24	0740	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>[Signature]</i> William BALENTINE		2/2/24	1019	<i>[Signature]</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:								
				<i>[Signature]</i>						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>[Signature]</i>				02/02/24	1019	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								

*OKP*

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 Springdale, AR 72764

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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): <i>WILLIAM BALEN TINE</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				Coil					
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#		LI				
#6 Creek at Gaskins	<del>24020204</del> <sup>0410</sup>	2/1/14	0754	GRAB	Water	Sterile	100 m	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	X					
36.426440 -93.443830	2402020099														
#7 Creek at Hwy 187 Bridge	2402020100	2/2/14	0759	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	2402020101	2/2/14	0805	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:							
<i>William Balen Tine</i>		2/2/14	1019	<i>William Balen Tine</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>William Balen Tine</i>		2/2/14	1019	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						