

## Thomas Harrington (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Tuesday, February 20, 2024 2:00 PM  
**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 FEBRUARY 12 2024.pdf

ADEQ Water Enforcement,

To begin, I would like to apologize for the tardiness of this report. I had accidentally clicked "SAVE" instead of "SEND" when I typed out the email.

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday February 12, 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.

However, at this time, we would like to ask permission to halt the fecal bacteria testing, as we feel there is no longer an issue with high counts of fecal bacteria in the creek. The results of the samples taken at the confluence of the discharge from the treatment plant and the creek on Friday January 26, Monday January 29, Wednesday January 31, Friday February 2, Monday February 5, Wednesday February 7, Friday February 9 and Monday February 12 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. Additionally, all the test results of all the samples taken at all the locations on Monday February 5, Wednesday February 7 and Friday February 9 were less than the 126 colonies per 100 ml threshold prescribed by your department, 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



# 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: 2402020134	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0824	Delivery By : TERRY LONG
Customer Number : 2856	Sample Type : GRAB WWATER	Work Order :
Report Date : 02/14/24	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>
02/12	1540	RWS	E. Coliforms	41.0	/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   
 Environmental Services Co., Inc.

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Control Number: 2402020135	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0854	Delivery By : TERRY LONG
Customer Number : 2849	Sample Type : GRAB WWATER	Work Order :
Report Date : 02/14/24	Sample From : #2 CREEK	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
Analysis							Precision	Accuracy	
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
02/12	1540	RWS	E. Coliforms	63.0	/100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2402020136	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0857	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #3 CREEK POWERLING	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
02/12	1540	RWS	E. Coliforms	74.0	/100ml	06/2012 Colilert18	66.67	N/A *

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Control Number: 2402020137	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0902	Delivery By : TERRY LONG
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #4 CREEK HWY 23 XING	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>
02/12	1540	RWS	E. Coliforms	41.0	/100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2402020138	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0824	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #5 CREEK UPSTREAM	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By					Parameter	% RPD
02/12	1540	RWS	E. Coliforms	15.0 /100ml		06/2012 Colilert18	66.67	N/A

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Control Number: 2402020139	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0906	Delivery By : TERRY LONG
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #6 CREEK AT GASKIN'S	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
02/12	1540	RWS	E. Coliforms	10.0	/100ml		06/2012 Colilert18	66.67	N/A *

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Control Number: 2402020140	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0913	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #7 CREEK 187 BRIDGE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
Analysis							Precision	Accuracy		
Date	Time	By	Parameter	Result	Notes	Quantity	%	%		
Method							RPD	Recovery		
02/12	1540	RWS	E. Coliforms	20.0	/100ml		06/2012	Colilert18	66.67	N/A *

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Control Number: 2402020141	Sample Date : 02/12/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0918	Delivery By : TERRY LONG
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 02/14/24	Sample From : #8 MARTIN MARINE	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>
02/12	1540	RWS	E. Coliforms	52.0	/100ml		06/2012 Colilert18	66.67	N/A *

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 website: www.esclabs.com



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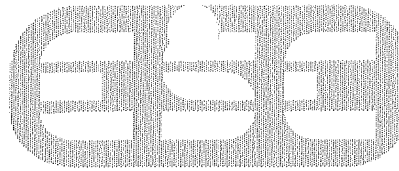
### CHAIN OF CUSTODY

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):																
FAX: (479) 253-6974																				
ESWWTP@YAHOO.COM																				
ESC Client Number: 1505-Effluent 1508-Influent																				
Sample Identification		Sample Collection				Sample Containers				C o l l u m n										
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
#1 WWTP & Creek	2402020134	2/12/24	0824	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	2402020135	2/12/24	0854	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	2402020136	2/12/24	0857	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	2402020137	2/12/24	0902	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	2402020138	2/12/24	0824	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>		2/12/24	0930	<i>Terry Long TERRA R LONG</i>		2/12/24	0930	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>Terry Long TERRA R LONG</i>		2/12/24	1124	<i>Alan Roy</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>Alan Roy</i>		2/12/24	1124	<i>Miss Derry</i>		02/12/24	1124	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 __ (1 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): <i>WILLIAM BAERTING</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				Coil						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#							
#6 Creek at Gaskins	2402020139	2/12/24	0906	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	2402020140	2/12/24	0913	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	2402020141	2/12/24	0918	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>[Signature]</i> WILLIAM BAERTING		2/12/24	0930	<i>[Signature]</i> TERRY R LONG		2/12/24	0938	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> TERRY R LONG		2/12/24	1122	<i>[Signature]</i> OLIVER PERRY		02/12/24	1124	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>				<i>[Signature]</i> OLIVER PERRY		02/12/24	1124	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				

OK