

## Richard Healey (adpce.ad)

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**From:** Terry Long <eswwtp@yahoo.com>  
**Sent:** Wednesday, October 18, 2023 1:22 PM  
**To:** Water-Enforcement-Report; Simon Wiley  
**Subject:** AR 0021865 AFIN: 08-00036 Bacteria Results  
**Attachments:** BacT sampling Oct 16 2023.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday 10/16/23. We pulled and submitted more samples from the 5 locations today and we will forward the information we receive on them as soon as we get them.

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: 2310020130  
 Customer Name : EUREKA SPRINGS, CITY OF  
 Customer/Permit No. : 1505 / AR0021865 001  
 Report Date : 10/17/23

Sample Date : 10/16/23  
 Sample Time : 1421  
 Sample Type : GRAB WATER  
 Sample From : #1 WWTP & CREEK

Collected By: TERRY LONG  
 Delivery By : TERRY LONG  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

<u>Analysis</u>			<u>Laboratory 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>
10/16	1610	RWS	E. Coliforms	> 2419.6	/100ml		06/2012 Colilert18	14.38	N/A *

<u>Quality Assurance</u>	
<u>Precision</u>	<u>Accuracy</u>
<u>% RPD</u>	<u>% Recovery</u>
14.38	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: 2310020131	Sample Date : 10/16/23	Collected By: TERRY LONG
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 1315	Delivery By : TERRY LONG
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 10/17/23	Sample From : #2 CRREK 835 HWY 23N	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>
10/16	1610	RWS	E. Coliforms	> 2419.6	/100ml		06/2012 Colilert18	14.38	N/A *

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Signature \_\_\_\_\_

*Neil Byers*  
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Control Number: 2310020132	Sample Date : 10/16/23	Collected By: TERRY LONG
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 1321	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 10/17/23	Sample From : #3 CREEK POWERLINE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
Analysis							Precision	Accuracy	
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
10/16	1610	RWS	E. Coliforms	> 2419.6	/100ml		06/2012 Colilert18	14.38	N/A *

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Control Number: 2310020133	Sample Date : 10/16/23	Collected By: TERRY LONG
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 1426	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 10/17/23	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	% Recovery
10/16	1610	RWS	E. Coliforms	38.3	/100ml	06/2012 Colilert18	14.38	N/A

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

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Signature \_\_\_\_\_

  
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Control Number: 2310020134	Sample Date : 10/16/23	Collected By: TERRY LONG
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 1327	Delivery By : TERRY LONG
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 10/17/23	Sample From : #4 CREEK HWY 23 XING	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
10/16	1610	RWS	E. Coliforms	> 2419.6	/100ml	06/2012 Colilert18	14.38	N/A *

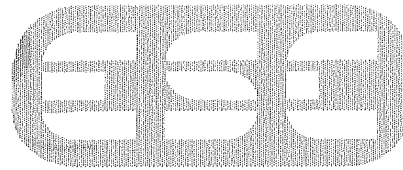
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 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



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>TERRY R LONG</i>																
Telephone: (479) 253-7410				and Signature(s): <i>Terry R Long</i>																
FAX: (479) 253-6974																				
ESWWTP@YAHOO.COM																				
ESC Client Number: 1505-Effluent 1508-Influent																				
Sample Identification		Sample Collection				Sample Containers				Requested Parameters										
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	Coil										
#1 WWTP & Creek	2310020130	10/16/23	1421	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	2310020131	10/16/23	1315	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	2310020132	10/16/23	1321	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	2310020134	10/16/23	1327	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	2310020133	10/16/23	1426	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>Terry R Long</i> TERRY R LONG		10/16/23	1558	<i>Olivia Perry</i> Olivia Perry		10/16/23	1558	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>Olivia Perry</i> Olivia Perry		10/16/23	1558	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 ___											

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