

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Friday, February 2, 2024 8:22 PM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR0021865 AFIN 08-0036
Attachments: BacT Samples January 31 2024

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Wednesday January 31, 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
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[Sent from Yahoo Mail on Android](#)



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 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2401020199	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0811	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	Sample From : #1 WWTP & CREEK	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>
01/31	1310	RWS	E. Coliforms	30.0 /100ml		06/2012 Colilert18	54.01	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 Woosley
 Environmental Services Co., Inc

01/48

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Control Number: 2401020201	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0824	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	Sample From : #3 CREEK POWERLINE	Purchase Order :

Laboratory Analysis

Analysis						<u>Quality Assurance</u>			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/31	1310	RWS	E. Coliforms	197.0	/100ml		06/2012 Colilert18	54.01	N/A *

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Control Number: 2401020202	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0831	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	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
01/31	1310	RWS	E. Coliforms	110.0	/100ml		06/2012 Colilert18	54.01	N/A *

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Control Number: 2401020203	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0817	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	Sample From : #5 CREEK UPSTREAM	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>
01/31	1310	RWS	E. Coliforms	41.0 /100ml		06/2012 Colilert18	54.01	N/A *

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Control Number: 2401020204	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0838	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	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
01/31	1310	RWS	E. Coliforms	281.0	/100ml		06/2012 Colilert18	54.01	N/A *

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Control Number: 2401020205	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0840	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	Sample From : #7 CRWWK 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>
01/31	1310	RWS	E. Coliforms	342.5 /100ml		06/2012 Colilert18	54.01	N/A

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Control Number: 2401020206	Sample Date : 01/31/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0849	Delivery By : WILLIAM BALENTI
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 02/02/24	Sample From : #8 MARTIN MARINE	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/31	1310	RWS	E. Coliforms	145.0	/100ml		06/2012 Colilert18	54.01	N/A *

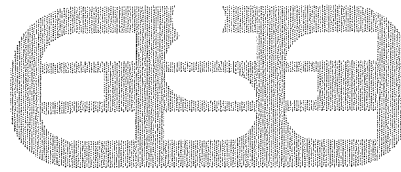
* QA data shown is from a different sample or standard on the same date.

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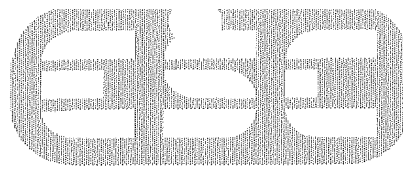
CHAIN OF CUSTODY

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				Coil								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#									
#1 WWTP & Creek	2401020199	1-31-24	0817	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42014 -93.73453																		
#2 Creek at 835 Hwy 23 N	2401020200	1-31-24	0820	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42497 -93.73669																		
#3 Creek at powerline	2401020201	1-31-24	0824	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42518 -93.73646																		
#4 Creek at Hwy 23 crossing	2401020202	1-31-24	0831	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.4398 -93.72906																		
#5 Creek upstream	2401020203	1-31-24	0817	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	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		1-31-24	1114	<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>				01/31/24	1114	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 ___ (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 BALENTINE</i>													
Telephone: (479) 253-7410				and Signature(s):													
FAX: (479) 253-6974																	
ESWWTWP@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	#	Li	Coil						
#6 Creek at Gaskins	2401020204	1-31-24	0838	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1		X						
36.426440 -93.443830																	
#7 Creek at Hwy 187 Bridge	2401020205	1-31-24	0840	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1		X						
36.4456 -93.74420																	
#8 Creek at Martin Marine		1-31-24	0849	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1		X						
36.47349 -93.76037	2401020206																
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:								
		1-31-24	1114						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:								
							01/31/24	1114	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> 2 </u> of 2					

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