

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Thursday, February 1, 2024 8:09 AM
To: Water-Enforcement-Report; Thomas Harrington (adpce.ad); Richard Healey (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFIN 08-00036
Attachments: BacT sampling January 29, 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday January 29, 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 and Monday January 29, both 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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 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2401020187
 Customer Name : EUREKA SPRINGS WWTP @ CREEK
 Customer Number : 2856
 Report Date : 01/31/24

Sample Date : 01/29/24
 Sample Time : 0940
 Sample Type : GRAB WATER
 Sample From : #1 WWTP & CREEK

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

Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/29	1325	RWS	E. Coliforms	64.4 /100ml			06/2012 Colilert18	58.41	N/A *

Quality Assurance	
Precision	Accuracy
% RPD	% Recovery
58.41	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.

OKP

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Control Number: 2401020188 Sample Date : 01/29/24 Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N Sample Time : 0950 Delivery By : TERRY LONG
Customer Number : 2849 Sample Type : GRAB WATER Work Order :
Report Date : 01/31/24 Sample From : #2 CREEK 835 HWY 23N Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
01/29	1325	RWS	E. Coliforms	920.8	/100ml		06/2012 Colilert18	58.41	N/A *

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Control Number: 2401020189	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0952	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	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
01/29	1325	RWS	E. Coliforms	1413.6	/100ml		06/2012 Colilert18	58.41	N/A *

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Control Number: 2401020190	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0957	Delivery By : TERRY LONG
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	Sample From : #4 CREEK HWY 23 XING	Purchase Order :

Laboratory Analysis

<u>Analysis</u>							<u>Quality Assurance</u>		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/29	1325	RWS	E. Coliforms	> 2419.6	/100ml		06/2012 Colilert18	58.41	N/A *

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Control Number: 2401020191	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0940	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	Sample From : #5 CREEK UPSTREAM	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/29	1325	RWS	E. Coliforms	57.3	/100ml		06/2012 Colilert18	58.41	N/A *

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Control Number: 2401020192	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 1004	Delivery By : TERRY LONG
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	Sample From : #6 CRREK AT GASKIN'S	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
Analysis						Precision	Accuracy		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
01/29	1325	RWS	E. Coliforms	1553.1	/100ml		06/2012 Colilert18	58.41	N/A *

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01/31

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Control Number: 2401020193	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 1008	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	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>
01/29	1325	RWS	E. Coliforms	1986.3 /100ml		06/2012 Colilert18	58.41	N/A *

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Control Number: 2401020194	Sample Date : 01/29/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 1021	Delivery By : TERRY LONG
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 01/31/24	Sample From : #8 MARTIN MARINE	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
01/29	1325	RWS	E. Coliforms	796.4	/100ml		06/2012 Colilert18	58.41	N/A

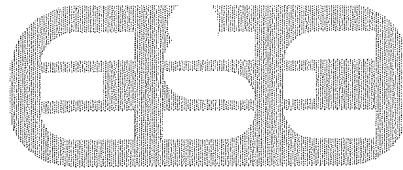
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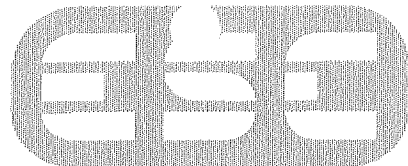
CHAIN OF CUSTODY

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 Brien Tjome</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			Requested Parameters										
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	Coli									
#1 WWTP & Creek	2401020187	1/29/24	0940	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42014 -93.73453																			
#2 Creek at 835 Hwy 23 N	2401020188	1/29/24	0950	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42497 -93.73669																			
#3 Creek at powerline	2401020189	1/29/24	0952	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42518 -93.73646																			
#4 Creek at Hwy 23 crossing	2401020190	1/29/24	0957	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.4398 -93.72906																			
#5 Creek upstream	2401020191	1/29/24	0940	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>William Brien Tjome</i>		1/29/24	12:00	<i>Terry Mow</i>			1/29/24	12:00	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 Mow</i>		1/29/24	12:40	<i>Terry Mow</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>Robert Stephens</i>		1/29/24	12:40	<i>Robert Stephens</i>			1/29/24	12:40	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> 1 </u> of 2							

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CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

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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): WILLIAM BALENTINO														
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	#									
#6 Creek at Gaskins	2401020192	1/29/24	1104	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.426440 -93.443830																		
#7 Creek at Hwy 187 Bridge	2401020193	1/29/24	1008	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.4456 -93.74420																		
#8 Creek at Martin Marine	2401020194	1/29/24	1021	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.47349 -93.76037																		
Relinquished By: (Signature and Printed Name)			Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:								
			1/29/24	1104				1/29/24	12:40	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:								
			1/29/24	12:40				1/29/24	12:40	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:								
			1/29/24	12:40				1/29/24	12:40	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							

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