

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Wednesday, February 7, 2024 1:16 PM
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 FEBRUARY 5 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday February 5, 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, Wednesday January 31, Friday February 2 and Monday February 5 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
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100 Highway 23 N.
Eureka Springs, AR 72632
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479-738-7035 - Cell
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Eureka Springs Public Works Dept.
3174 E. Van Buren
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Control Number: 2402020104	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0843	Delivery By : TERRY LONG
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
02/05	1415	RWS	E. Coliforms	41.0 /100ml			06/2012 Colilert18	68.09	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 
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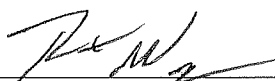
Control Number: 2402020105	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0831	Delivery By : TERRY LONG
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #1 WWTP & CREEK	Purchase Order :

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>
02/05	1415	RWS	E. Coliforms	121.0	/100ml		06/2012 Colilert18	68.09	N/A *

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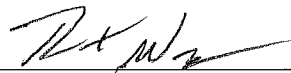
Control Number: 2402020106	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0846	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #3 CREEK POWERLINE	Purchase Order :

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>
02/05	1415	RWS	E. Coliforms	47.0	/100ml		06/2012 Colilert18	68.09	N/A

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Control Number: 2402020107	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0851	Delivery By : TERRY LONG
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						<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
02/05	1415	RWS	E. Coliforms	41.0	/100ml		06/2012 Colilert18	68.09	N/A *

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Control Number: 2402020108	Sample Date : 02/05/24	Collected By: WILLIAM BALETIN
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0831	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #5 CREEK UPSTREAM	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
02/05	1415	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	68.09	N/A *

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Control Number: 2402020109	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0854	Delivery By : TERRY LONG
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #6 CREEK AT GASKINS	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
Analysis							Precision	Accuracy	
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
02/05	1415	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	68.09	N/A *

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Control Number: 2402020110	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0857	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/06/24	Sample From : #7 CREEK 187 BRIDGE	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>
02/05	1415	RWS	E. Coliforms	63.0	/100ml		06/2012 Colilert18	68.09	N/A *

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Control Number: 2402020111	Sample Date : 02/05/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0911	Delivery By : TERRY LONG
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
02/05	1415	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	68.09	N/A *

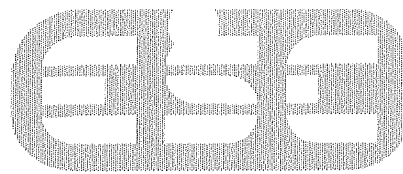
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 website: www.esclabs.com



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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): <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	#		Li				
#1 WWTP & Creek	240076105	7/5/24	0831	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42014 -93.73453															
#2 Creek at 835 Hwy 23 N	2402020104	7/5/24	0843	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42497 -93.73669															
#3 Creek at powerline	2402020104	7/5/24	0846	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42518 -93.73646															
#4 Creek at Hwy 23 crossing	2402020107	7/5/24	0851	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.4398 -93.72906															
#5 Creek upstream	2402020108	7/5/24	0837	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 VALENTINE		7/5/24	0952	<i>[Signature]</i> Terry R Long		7/5/24	0952	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		7/5/24	1129	<i>[Signature]</i> Terry R Long				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> Olivia Perry		07/25/24	1129	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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