

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, February 13, 2024 8:48 AM
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 9 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday February 9, 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 and Friday February 9 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
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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: 2402020126	Sample Date : 02/09/24	Collected By: JIM EPPERLY
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 1030	Delivery By : TERRY LONG
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 02/12/24	Sample From : #1 WWTP & CREEK	Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/09	1445	OKP	E. Coliforms	10.0	/100ml		06/2012 Colilert18	0.00	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: 2402020129	Sample Date : 02/09/24	Collected By: JIM EPPERLY
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0820	Delivery By : TERRY LONG
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 02/12/24	Sample From : #4 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>
02/09	1445	OKP	E. Coliforms	63.0	/100ml		06/2012 Colilert18	0.00	N/A

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

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Control Number: 2402020132	Sample Date : 02/09/24	Collected By: JIM EPPERLY
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0830	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/12/24	Sample From : #7 CREEK 187 BRIDGE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
<u>Analysis</u>							<u>Precision</u>	<u>Accuracy</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>% RPD</u>	<u>% Recovery</u>
02/09	1445	OKP	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A *

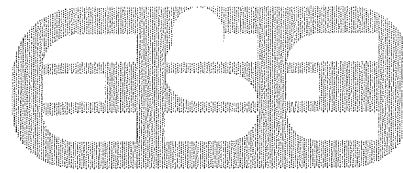
* QA data shown is from a different sample or standard on the same date.

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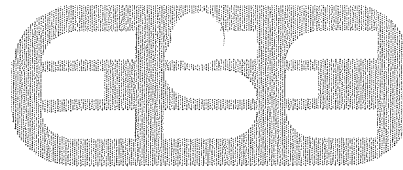
CHAIN OF CUSTODY

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): JIM EPPERLY											
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				Requested Parameters					
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	LI					
#1 WWTP & Creek	2402020120	2/9/24	1030	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42014 -93.73453															
#2 Creek at 835 Hwy 23 N	2402020127	2/9/24	0810	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42497 -93.73669															
#3 Creek at powerline	2402020128	2/9/24	0815	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.42518 -93.73646															
#4 Creek at Hwy 23 crossing	2402020129	2/9/24	0820	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.4398 -93.72906															
#5 Creek upstream	2402020130	2/9/24	1045	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> JIM EPPERLY		2/9/24		<i>[Signature]</i> TERRY CLONG				2/9/24		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 CLONG		2/9/24	12:35	<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>				<i>[Signature]</i> Robert Stephens				2/9/24	12:35	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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Address: 3174 E. Van Buren				Purchase Order #: _____															
Eureka Springs, AR 72632				Sampler Name(s): <i>JIM EPPERLY</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				Cool									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#		W								
#6 Creek at Gaskins	2402020131	7/9/24	0825	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.426440 -93.443830																			
#7 Creek at Hwy 187 Bridge	2402020132	7/9/24	0830	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.4456 -93.74420																			
#8 Creek at Martin Marine	2402020133	7/9/24	0834	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:									
<i>[Signature]</i> JIM EPPERLY			7/9/24		<i>[Signature]</i> TERRY LONG			7/9/24		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 LONG			7/9/24		<i>[Signature]</i> TERRY 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>					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 __ (2 of 2)										

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