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 Frebruary 5, Wewdnesday 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 Eureka Springs, AR 72632 479-253-9600 - Office 479-253-6974 - Fax

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

Customer Name : EUREKA SPRINGS WWTP @ CREEK

Customer Number: 2856 Report Date : 02/12/24

Sample Date : 02/09/24

Sample Time: 1030

Sample Type : GRAB WATER Sample From : #1 WWTP & CREEK Collected By: JIM EPPERLY Delivery By : TERRY LONG

Work Order: Purchase Order:

	Laboratory Analysis						<u>Assurance</u>
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	<pre>% Recovery</pre>
02/09 1445 OKP	E. Coliforms	10.0 /100	nl		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., Fig.



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Control Number: 2402020126

Customer Number: 2856

Customer Name : EUREKA SPRINGS WWTP @ CREEK

Report Date : 02/12/24

Sample Date : 02/09/24

Sample Time: 1030

Sample Type : GRAB WATER

Sample From : #1 WWTP & CREEK

Collected By: JIM EPPERLY Delivery By : TERRY LONG

Work Order : Purchase Order:

<u>Laboratory Analysis</u>						Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes	Quantity	<u> Method</u>	% RPD	% Recovery
02/09 1445 OKP	E. Coliforms	10.0 /100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020127

Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N

Sample Date : 02/09/24

Collected By: JIM EPPERLY

Sample Time : 0810

Delivery By : TERRY LONG

Customer Number: 2849

Sample Type : GRAB WATER

Work Order :

Report Date : 02/12/24

Sample From: #2 CREEK 835 HWY 23N

Purchase Order :

* se		<u>Laboratory Analysi</u>	<u>.s</u>				<u>Assurance</u>
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
02/09 1445 OKP	E. Coliforms	97.0 /100	ml		06/2012 Colilert18	0.00	N/A *
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* ON data sho	own is from a different sam	nle or standard on	the came	date			
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Signature R. Steven Woosley
Environmental Services Co., Inc.

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Control Number: 2402020128

Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT

·Customer Number : 2850 Report Date : 02/12/24 Sample Date : 02/09/24

Sample Time: 0815

Sample Type : GRAB WATER Sample From : #3 CREEK POWERLINE

Collected By: JIM EPPERLY Delivery By : TERRY LONG

Work Order : Purchase Order:

Laboratory Analysis						Quality 1	<u>Assurance</u>
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	<u>Method</u>	% RPD	% Recovery
0:2/09 1445 OKP	E. Coliforms	< 10.0 /10	0ml		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: 2402020129

Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N

Customer Number: 2851 Report Date : 02/12/24

Sample Date : 02/09/24

Sample Time: 0820

Sample Type : GRAB WATER Sample From : #4 HWY 23 XING Collected By: JIM EPPERLY Delivery By : TERRY LONG

Work Order : Purchase Order:

Laboratory Analysis						ssurance
Analysis					Precision	Accuracy
Date Time By	Parameter	Result N	Notes Quantity	<u> Method</u>	% RPD	<pre>% Recovery</pre>
02/09 1445 OKP	E. Coliforms	63.0 /100ml		06/2012 Colilert18	0.00	N/A
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* QA data shown is from a different sample or standard on the same date.

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

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

'ontro	. Number:	2402020130
ハンエエレエ ひょ	. number:	7407070T30

Customer Name : EUREKA SPRINGS-UPSTREAM WWTP

Customer Number: 2852 Report Date : 02/12/24

Sample Date : 02/09/24

Sample Time: 1045

Laboratory Analysis

Sample Type : GRAB WATER

Sample From: #5 CREEK UPSTREAM

Collected By: JIM EPPERLY Delivery By : TERRY LONG

Ouality Assurance

Work Order :

Purchase Order :

•	and the second s	Daboracory Miarysis			<u> Zuurre</u>	IDDULUITOO
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
02/09 1445 OKP	E. Coliforms	< 10.0 /100ml		06/2012 Colilert18	0.00	N/A *
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Signature R. Steven Woosley
Environmental Services Co., Ing.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2402020131

Customer Name : EUREKA SPRINGS-CREEK @ GASKINS

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

Customer Number: 2853 Report Date : 02/12/24

Sample Date : 02/09/24

Sample Time: 0825

Sample Type : GRAB WATER

Sample From : #6 CREEK AT GASKIN'S

Collected By: JIM EPPERLY Delivery By : TERRY LONG

Work Order : Purchase Order :

	Labora	tory Analysis	<u>s</u>				Assurance
Analysis Date Time By Property Propert	arameter	Result 85.0 /100r	<u>Notes</u> ml	Quantity	Method 06/2012 Colilert18	Precision <u>% RPD</u> 0.00	Accuracy % Recovery N/A *
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Signature R. Staven Woosley
Environmental Services Co., Inc.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2402020132

Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE

Sample Date : 02/09/24

Collected By: JIM EPPERLY

Sample Time: 0830

Delivery By : TERRY LONG

Customer Number: 2854 Report Date : 02/12/24

Sample Type : GRAB WATER

Work Order :

Sample From: #7 CREEK 187 BRIDGE

Purchase Order:

	<u>Laboratory Analysis</u>						<u>Assurance</u>
Analysis <u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	Precision <u>% RPD</u>	Accuracy % Recovery
02/09 1445 OKP	E. Coliforms	< 10.0 /10		Qualitatey	06/2012 Colilert18	0.00	N/A *
•							
•							
* QA data sho	own is from a different s	ample 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.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

'ontrol	Number.	2402020133
COULTO	number:	Z4UZUZUL33

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

Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE

Customer Number: 2855 Report Date : 02/12/24 Sample Date : 02/09/24

Sample Time: 0843

Laboratory Analysis

Sample Type : GRAB WATER

Sample From: #8 MARTIN MARINE

Collected By: JIM EPPERLY

Quality Assurance

Delivery By : TERRY LONG Work Order:

Purchase Order :

Analysis Date Time By 02/09 1445 OKP	Parameter E. Coliforms	Result Notes	Quantity	Method 06/2012 Colilert18	Precision <u>% RPD</u> 0.00	Accuracy % Recovery N/A *
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át.						

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.

Environmental Services Co., Inc

Environmental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

Cool all samples to 6 degrees C.

website: www.esclabs.com

Phone: 501-221-2565

Company Name:

ESC Client Number:

Identification

#1 WWTP & Creek

36.42014 -93.73453

36,42497 -93,73669

#3 Creek at powerline

#5 Creek upstream

36.42021 -93.73473

36.42518

36.4398

Comments:

-93.73646

-93.72906

Address:

Telephone:

FAX:



Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

This Document is Page (1 of 2

CHAIN OF CUSTODY Phone 479-750-1170 Fax:: 479-750-1172 Fax: 501-221-1341 Project Information Requested Parameters Client Information AR#0021865/ AFIN 08-00036 Permit/Project #: Eureka Springs Purchase Order #: 3174 E. Van Buren Eureka Springs, AR 72632 Sampler Name(s): (479) 253-7410 (479) 253-6974 and Signature(s): ESWWTP@YAHOO.COM 1505-Effluent 1508-Influent Coli Sample Collection Sample Containers Sample Identification Volume | Preservative # ші ESC Control# Date Time Type Matrix Type 1411/1/12/01/20 Х **GRAB** Sterile 100 m Na₂S₂O₃ Water 1/9/14 12402020127 **GRAB** Water Sterile 100 m Na₂S₂O₃ Х #2 Creek at 835 Hwy 23 N 2/9/14 12402020118 Х $Na_2S_2O_3$ **GRAB** Water Sterile 100 m #4 Creek at Hwy 23 crossing 24 07070127 $Na_2S_2O_3$ Х **GRAB** Sterile 100 m Water 2/9/14 1741011130 Na₂S₂O₃ 1 Х 1041 **GRAB** Water Sterile 100 m Used? Intact? Turnaround: Regular Special 12:35 Relinquished by: (Signature and Printed Name) Were samples properly preserved: Received for Lab By: (Signature and Printed Name) Date Time Stephens 219/24 12:35 No Time Analyst Result Result Units FLOW DATA Field Test Analyst: :Ha $^{\circ}$ C Time: Temp.: DO: Reading: Debris: Units:

Chlorinated? Yes

No



Env. ...mental Services Company, Inc. Corporate Office

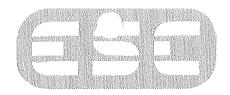
13715 West Markham

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Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com



Environmental Services Comp Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170 Fax:: 479-750-1172 Phone: 501-221-2565 Fax: 501-221-1341 Project Information Requested Parameters Client Information AR#0021865/ AFIN 08-00036 Eureka Springs Permit/Project #: Company Name: Purchase Order #: Address: 3174 E. Van Buren Eureka Springs, AR 72632 JIM EPPERLY Sampler Name(s): (479) 253-7410 Telephone: (479) 253-6974 FAX: ESWWTP@YAHOO.COM and Signature(s): 1508-Influent ESC Client Number: 1505-Effluent Coli Sample Containers Sample Identification Sample Collection Volume # Preservative ші Identification ESC Control # Date Time Type Matrix Type 140207A131 Na₂S₂O₃ #6 Creek at Gaskins **GRAB** Water Sterile 100 m Х 86,426440 -93,443830 #7 Creek at Hwy 187 Bridge 7月 (17,01月) 13つ **GRAB** 100 m Na₂S₂O₃ X Water Sterile 36.4456 -93.74420 #8 Creek at Martin Marine1片(2() フィィ) ろろ Na₂S₂O₃ Х **GRAB** Water Sterile 100 m 36,47349 -93,76037 Custody Seals: Used? Intact? Turnaround: Regular Special Received for Lab By: (Signature and Printed Name) Date Time Were samples properly preserved: Time Yes No Units FLOW DATA Field Test Time Analyst Result Comments: Result Analyst: :Ha Time: Temp.: ᢐ DO: Reading: Debris: Units: This Document is Page (2 of 2 Chlorinated? Yes Cool all samples to 6 degrees C.



