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 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
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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

'ontrol	Number:	2402020104
	numer:	Z4UZUZUIU4

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

Customer Number: 2849
Report Date: 02/06/24

23N

Sample Date : 02/05/24

Sample Time : 0843

Sample Type : GRAB WATER
Sample From : #2 CREEK 835 HWY 23N

Collected By: WILLIAM BALENTI

Delivery By : TERRY LONG

Work Order : Purchase Order :

<u>Laboratory Analysis</u>					Quality <i>I</i>	<u>Assurance</u>	
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	<u>% RPD</u>	% Recovery
02/05 1415 RWS	E. Coliforms	41.0 /100	ml		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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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Customer Name : EUREKA SPRINGS WWTP @ CREEK

Customer Number: 2856 Réport Date : 02/06/24

Sample Date : 02/05/24

Sample Time : 0831

Sample Type : GRAB WATER Sample From : #1 WWTP & CREEK Collected By: WILLIAM BALENTI

Delivery By : TERRY LONG

Work Order : Purchase Order :

		Laboratory Analys	is				Assurance
Analysis Date Time By 02/05 1415 RWS	Parameter E. Coliforms	Result 121.0 /10	<u>Notes</u> Oml	Quantity	Method 06/2012 Colilert18	Precision 8 RPD 68.09	Accuracy <u>% Recovery</u> N/A *
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ontrol.	Number:	2402020106
OTICEOT	numer:	Z40Z0Z0T00

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

Customer Number: 2850 Report Date : 02/06/24

Customer Name: EUREKA SPRINGS-POWERLINE 1/2 PLT

Sample Date : 02/05/24

Sample Time: 0846

Sample Type : GRAB WATER

Sample From : #3 CREEK POWERLINE

Collected By: WILLIAM BALENTI

Delivery By : TERRY LONG

Work Order : Purchase Order:

- y		Laboratory Analys:	<u>is</u>				<u>Assurance</u>
Analysis <u>Date</u> <u>Time</u> <u>By</u>	Parameter	Result	Notes _	Quantity	Method	Precision _ % RPD	Accuracy % Recovery
02/05 1415 RWS	E. Coliforms	47.0 /100		2000000	06/2012 Colilert18	68.09	N/A
,							

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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ontrol	402020107	
OTTCTOT	± U Z U Z U J	. U /

Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N

Customer Number: 2851 Report Date : 02/06/24 Sample Date : 02/05/24

Sample Time: 0851

Sample Type : GRAB WATER

Sample From: #4 CREEK HWY 23 XING

Collected By: WILLIAM BALENTI

Delivery By : TERRY LONG

Work Order : Purchase Order :

Analysis	Laboratory Analysis						<u>Assurance</u>
Date Time By 02/05 1415 RWS	Parameter F. Coliforms	Result 41.0 /100	Notes _	Quantity	Method 06/2012 Colilert18	Precision <u>% RPD</u> 68.09	Accuracy % Recovery N/A *
02705 1415 RWS	E. COLLIOTIUS	41.0 /100	ШТ		06/2012 COTTLETCI8		N/A ^
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* QA data show	n is from a different samp	le or standard on	the same d	late.	i		

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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'ontrol	Number.	2402020108
30HLEOL	number:	こと任ひとひとひましる。

Customer Name : EUREKA SPRINGS-UPSTREAM WWTP

Customer Number: 2852 Report Date : 02/06/24 Sample Date : 02/05/24

Sample Time : 0831

Sample Type : GRAB WATER

Sample From : #5 CREEK UPSTREAM

Collected By: WILLIAM BALETIN Delivery By : TERRY LONG

Work Order :

Purchase Order :

		Laboratory Analys	is				Assurance
Analysis	Parameter	Result	Notes _	Quantity	Method	Precision % RPD	Accuracy % Recovery
Date Time By 02/05 1415 RWS	E. Coliforms	20.0 /10		Quarterty	06/2012 Colilert18	68.09	N/A *
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* QA data show	n is from a different samp	pie or standard on	tne same	aate.			

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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ontrol	Number:	2402020109
	number.	2402020102

Customer Number: 2853

Customer Name : EUREKA SPRINGS-CREEK @ GASKINS

Report Date : 02/06/24

Sample Date : 02/05/24

Sample Time: 0854

Sample Type : GRAB WATER

Sample From : #6 CREEK AT GASKINS

Collected By: WILLIAM BALENTI

Delivery By : TERRY LONG

Work Order : Purchase Order:

Laboratory Analysis					Quality A	Assurance	
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
02/05 1415 RWS	E. Coliforms	20.0 /100	Oml		06/2012 Colilert18	68.09	N/A *
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* 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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ontrol	Number:	2402020110
	TAGHINOT *	7407070TT0

Sample Date : 02/05/24

Collected By: WILLIAM BALENTI

Customer Number: 2854

Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE

Sample Time: 0857 Sample Type : GRAB WATER Delivery By : TERRY LONG Work Order :

Report Date : 02/06/24

Sample From: #7 CREEK 187 BRIDGE

Purchase Order:

7	Laboratory Analysis				<u>Quality Assurance</u> Precision Accuracy		
Analysis Date Time By 02/05 1415 RWS	Parameter E. Coliforms	Result 63.0 /100	<u>Notes</u> ml	Quantity	Method 06/2012 Colilert18	% RPD 68.09	% Recovery N/A *
,		,					
* QA data sho	own is from a different sam	ple or standard on	the same	date.			

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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:

<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 /100			06/2012 Colilert18	68.09	N/A *
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3 07 July1	3,55		. 1	7			
* 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.



Environmental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565



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

CHAIN OF CUSTODY Phone 479-750-1170 Fax:: 479-750-1172 Fax: 501-221-1341 Requested Parameters Project Information Client Information AR#0021865/ AFIN 08-00036 Permit/Project #: Eureka Springs Company Name: Purchase Order #: Address: 3174 E. Van Buren Eureka Springs, AR 72632 Sampler Name(s): (479) 253-7410 Telephone: (479) 253-6974 FAX: and Signature(s): ESWWTP@YAHOO.COM 1505-Effluent 1508-Influent ESC Client Number: Coli Sample Collection Sample Identification Sample Containers # Volume I Preservative Matrix Type ші ESC Control # Date Time Type Identification Na₂S₂O₃ Х 240020105 0831 **GRAB** Sterile 100 m #1 WWTP & Creek Water 36.42014 -93.73453 0843 #2 Creek at 835 Hwy 23 N 1, U 0 1 7, 1) 1 0 L 7/5/24 $Na_2S_2O_3$ Х **GRAB** Water Sterile 100 m 36.42497 -93.73669 2/5/24 0846 1402020104 Na₂S₂O₃ #3 Creek at powerline **GRAB** Water Sterile 100 m 1 X 36.42518 -93,73646 2/5/24 #4 Creek at Hwy 23 crossing 1从0707010升 0851 Na₂S₂O₃ Х **GRAB** Sterile 100 m 1 Water -93.72906 36.4398 2402020108 2/5/24 083 100 m Na₂S₂O₃ X #5 Creek upstream **GRAB** Water Sterile -93,73473 36.42021 Received By: (Signature and Printed Name)

Comy M. July

Received By: Signature and Printed Name) Custody Seals 2/1/24 RLONG 0952 Used? Intact? Turnaround: 1/29 Regular Special Relinquished By: (Signature and Printed Name) Received for Lab By: (Signature and Printed Name) Time Were samples properly preserved: Alivia Derry Yes No Field Test Units FLOW DATA Time Analyst Result Result Comments: Analyst: pH: Time: Temp.: DO: Reading: Units: Debris: This Document is Page (1 of 2 Cool all samples to 6 degrees C. Chlorinated? Yes No



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

CHAIN OF CUSTODY

Phone 479-750-1170 Fax:: 479-750-1172 Project Information Requested Parameters Client Information AR#0021865/ AFIN 08-00036 Permit/Project #: Company Name: Eureka Springs Purchase Order #: Address: 3174 E. Van Buren Eureka Springs, AR 72632 Sampler Name(s): (479) 253-7410 Telephone: FAX: (479) 253-6974 and Signature(s): ESWWTP@YAHOO.COM ESC Client Number: 1505-Effluent 1508-Influent Coli Sample Identification Sample Collection Sample Containers # نیا Volume Preservative ESC Control # Type Matrix Type Identification Date Time 45/14 0854 Х #6 Creek at Gaskins 2402020100 **GRAB** Water Sterile 100 m Na₂S₂O₃ B6.426440 -93.443830 0857 #7 Creek at Hwy 187 Bridge 7402010110 Na₂S₂O₃ X **GRAB** Water Sterile 100 m 36.4456 -93.74420 #8 Creek at Martin Marine 241202011 ใ 0911 2/5/24 Na₂S₂O₃ X **GRAB** Water Sterile 100 m -93.76037 36.47349 Custody Seals 0971 0952 Used? Intact? 179 Time Time Turnaround Special Regular 0 2/05/ of for Lab By: (Signature and Printed Name) Time Were samples properly preserved: M Yes No FLOW DATA F/eld Test Result Units Analyst Result Comments: Analyst: pH; Time: Temp.: DO: Reading: Units: Debris: This Document is Page (2 of 2 Cool all samples to 6 degrees C. Chlorinated? Yes

