

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, February 27, 2024 8:03 AM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR00021865 AFIN: 08-00036
Attachments: BacT sampling FEBRUARY 23 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 23, 2024.

Moving forward, we will continue to collect and analyze samples from the eight (8) locations specified and we will be forwarding those results when received.

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

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: 2402020188
 Customer Name : EUREKA SPRINGS WWTP @ CREEK
 Customer Number : 2856
 Report Date : 02/26/24

Sample Date : 02/23/24
 Sample Time : 0904
 Sample Type : GRAB WATER
 Sample From : #1 WWTP & CREEK

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

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/23	1615	RWS	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 _____



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OKP

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Control Number: 2402020189	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0307	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #2 CRK @ 835 HWY 23N	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/23	1615	RWS	E. Coliforms	52.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020190	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0910	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #3 CRK @ POWERLINE	Purchase Order :

Laboratory Analysis

Analysis						<u>Quality Assurance</u>			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/23	1615	RWS	E. Coliforms	63.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020188	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0904	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	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>
02/23	1615	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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0140

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Control Number: 2402020189	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0307	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #2 CRK @ 835 HWY 23N	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>				
Analysis	Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
									% RPD	% Recovery
	02/23	1615	RWS	E. Coliforms	52.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020190	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0910	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #3 CRK @ POWERLINE	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
Analysis						Precision	Accuracy		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
02/23	1615	RWS	E. Coliforms	63.0	/100ml		06/2012 Colilert18	0.00	N/A *

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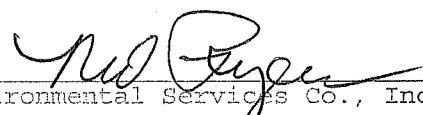
Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2402020192	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0904	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #5 CREEK UPSTREAM	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>
02/23	1615	RWS	E. Coliforms	< 10.0 /100ml		06/2012 Colilert18	0.00	N/A *

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0144

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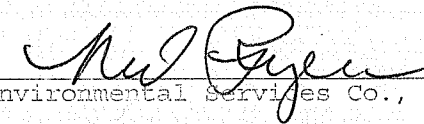
Control Number: 2402020193	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0918	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #6 CREEK AT GASKINS	Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/23	1615	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	0.00	N/A *

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0148

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 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2402020194	Sample Date : 02/23/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0922	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 02/26/24	Sample From : #7 CRK@ HWY187 BRDGE	Purchase Order :

Laboratory Analysis

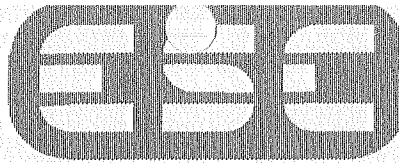
Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/23	1615	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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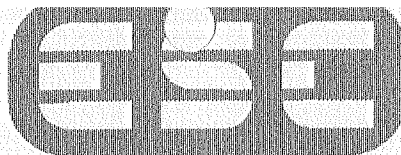
Phone: 501-221-2565 Fax: 501-221-1341

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):														
FAX: (479) 253-6974																		
ESWWTWP@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	24020188	2/23/24	0904	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42014 -93.73453																		
#2 Creek at 835 Hwy 23 N	24020189	2/23/24	0907	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42497 -93.73669																		
#3 Creek at powerline	24020190	2/23/24	0910	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.42518 -93.73646																		
#4 Creek at Hwy 23 crossing	24020191	2/23/24	0912	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.4398 -93.72906																		
#5 Creek upstream	24020192	2/23/24	0904	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 Balentine</i>		2/23/24	1132	<i>Robert Stephens</i>		2/23/24	11:32	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:										
								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>		2/23/24	11:32	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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 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 Baerling</i>															
Telephone: (479) 253-7410				and Signature(s): <i>[Signature]</i>															
FAX: (479) 253-6974																			
ESWWT@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									
#6 Creek at Gaskins	2402020193	2/23/24	0915	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.426440 -93.443830																			
#7 Creek at Hwy 187 Bridge	2402020194	2/23/24	0922	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.4456 -93.74420																			
#8 Creek at Martin Marine	2402020195	2/23/24	0930	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> William Baerling		2/23/24	1132	<i>[Signature]</i> Robert Stephens				2/23/24	11:32	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:									
										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> Robert Stephens				2/23/24	11:32	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									

AMS