

Richard Healey (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, November 7, 2023 7:23 AM
To: Water-Enforcement-Report; Simon Wiley
Cc: Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFIN 08-00036
Attachments: BacT sampling Nov 3 2023.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday 11/3/2023.

Moving forward, we 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: 2311020092	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 1031	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	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>
11/03	1515	RWS	E. Coliforms	691.0	/100ml		06/2012 Colilert18	21.43	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: 2311020093	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0934	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #2 CREEK 835 HWY 23N	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
Analysis						Precision	Accuracy		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
11/03	1515	RWS	E. Coliforms	135.0	/100ml		06/2012 Colilert18	21.43	N/A *

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Control Number: 2311020094	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0937	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	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>
11/03	1515	RWS	E. Coliforms	209.0 /100ml			06/2012 Colilert18	21.43	N/A *

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Control Number: 2311020095	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0942	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #4 CREEK HWY 23 XING	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis							Precision	Accuracy
Date	Time	By	Parameter	Result	Notes	Quantity	%	%
Method							RPD	Recovery
11/03	1515	RWS	E. Coliforms	41.0	/100ml		21.43	N/A *
06/2012								

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Control Number: 2311020096	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 1034	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #5 CREEK UPSTREAM	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>
11/03	1515	RWS	E. Coliforms	62.0		/100ml	06/2012 Colilert18	21.43	N/A

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Control Number: 2311020097	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 0950	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #6 CREEK AT GASKINS	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>
11/03	1515	RWS	E. Coliforms	41.0 /100ml		06/2012 Colilert18	21.43	N/A *

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 Springdale, AR 72762
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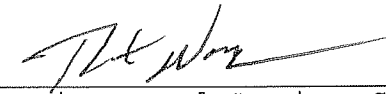
Control Number: 2311020098	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0953	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #7 CREEK 187 BRIDGE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
11/03	1515	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	21.43	N/A *

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 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2311020099	Sample Date : 11/03/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 1000	Delivery By : WILLIAM BALENTI
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 11/06/23	Sample From : #8 MARTIN MARINE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
11/03	1515	RWS	E. Coliforms	86.0	/100ml	06/2012 Colilert18	21.43	N/A *

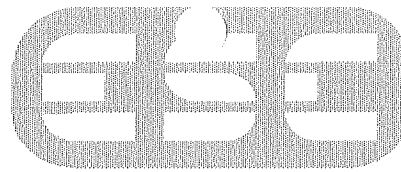
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Environmental Services Company, Inc.
 Corporate Office
 13715 West Markham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



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

Phone: 501-221-2565

Fax: 501-221-1341

CHAIN OF CUSTODY

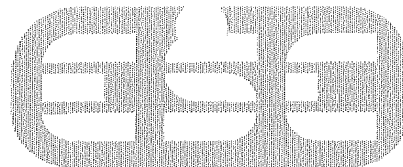
Phone 479-750-1170

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 BAILEY TONGE</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	#	Coil							
#1 WWTP & Creek	2311020092	11/3/23	1031	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42014 -93.73453																	
#2 Creek at 835 Hwy 23 N	2311020093	11/3/23	0934	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42497 -93.73669																	
#3 Creek at powerline	2311020094	11/3/23	0937	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42518 -93.73646																	
#4 Creek at Hwy 23 crossing	2311020095	11/3/23	0942	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.4398 -93.72906																	
#5 Creek upstream	2311020096	11/3/23	1034	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	2	X							
36.42021 -93.73473																	
Relinquished By: (Signature and Printed Name) <i>William BAILEY TONGE</i>		Date	Time	Received By: (Signature and Printed Name) <i>William BAILEY TONGE</i>		Date	Time	Custody Seals:				Used? <input type="checkbox"/>		Intact? <input type="checkbox"/>			
								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) <i>Olivia Perry</i>		Date	Time	Were samples properly preserved:				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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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



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

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): <i>[Signature]</i>											
FAX: (479) 253-6974															
ESWWTWP@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	2311020097	11/3/23	0950	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.426440 -93.443830															
#7 Creek at Hwy 187 Bridge	2311020098	11/3/23	0953	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.4456 -93.74420															
#8 Creek at Martin Marine	2311020099	11/3/23	1000	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X					
36.47349 -93.76037															
Relinquished By: (Signature and Printed Name) <i>William Balentine</i>			Date	Time	Received By: (Signature and Printed Name) <i>William Balentine</i>			Date	Time	Custody Seals:					
Relinquished By: (Signature and Printed Name)			Date	Time	Received By: (Signature and Printed Name)			Date	Time	Used?	Intact?				
Relinquished By: (Signature and Printed Name)			Date	Time	Received for Lab By: (Signature and Printed Name) <i>Jan Olivia Perry</i>			Date	Time	Turnaround:					
Relinquished By: (Signature and Printed Name)			Date	Time	Received for Lab By: (Signature and Printed Name)			Date	Time	Regular	Special				
Relinquished By: (Signature and Printed Name)			Date	Time	Received for Lab By: (Signature and Printed Name)			Date	Time	Were samples properly preserved:					
Relinquished By: (Signature and Printed Name)			Date	Time	Received for Lab By: (Signature and Printed Name)			Date	Time	Yes	No				
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						

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