

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, March 5, 2024 3:06 PM
To: Water-Enforcement-Report; Richard Healey (adpce.ad); Thomas Harrington (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFINL 08-00036
Attachments: BacT sampling MARCH 1 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday March 1, 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
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Environmental Services Company, Inc.

Corporate Office
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 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: 2403020094
 Customer Name : EUREKA SPRINGS WWTP @ CREEK
 Customer Number : 2856
 Report Date : 03/04/24

Sample Date : 03/01/24
 Sample Time : 0852
 Sample Type : GRAB WATER
 Sample From : #1 WWTP & CREEK

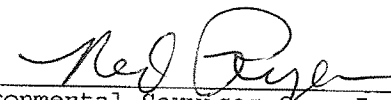
Collected By: WILLIAM BALENTI
 Delivery By : WILLIAM BALENTI
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
<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>
03/01	1550	RWS	E. Coliforms	10.0 /100ml			06/2012 Colilert18	16.46	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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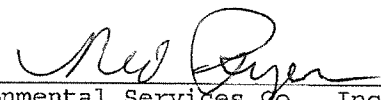
Control Number: 2403020095	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0902	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #2 CREEK @ HWY 23N	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	10.0	/100ml		06/2012 Colilert18	16.46	N/A *

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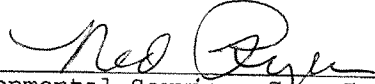
Control Number: 2403020096	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0905	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #3 CREEK @ POWERLINE	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	30.0 /100ml			06/2012 Colilert18	16.46	N/A *

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Control Number: 2403020097	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0910	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #4 CRK@ HWY 23 KING	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	< 10.0 /100ml			06/2012 Colilert18	16.46	N/A *

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Control Number: 2403020098	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 0852	Delivery By : WILLIAM BALENTI
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #5 CREEK UPSTREAM	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	16.46	N/A *

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Control Number: 2403020099	Sample Date : 03/01/24	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 : 03/04/24	Sample From : #6 CRK AT GASKINS	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	16.46	N/A *

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Control Number: 2403020100	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0926	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	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
03/01	1550	RWS	E. Coliforms	20.0	/100ml		06/2012 Colilert18	16.46	N/A *

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Control Number: 2403020101	Sample Date : 03/01/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0930	Delivery By : WILLIAM BALENTI
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #8 CRK MARTIN MARINE	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
03/01	1550	RWS	E. Coliforms	158.0 /100ml			06/2012 Colilert18	16.46	N/A

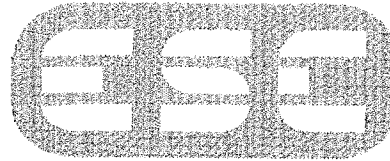
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 website: www.esclabs.com



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

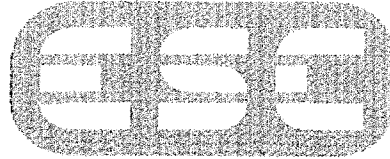
CHAIN OF CUSTODY

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): <u>WILLIAM BALENTINE</u>										
Telephone: (479) 253-7410				and Signature(s):										
FAX: (479) 253-6974														
ESWWTP@YAHOO.COM														
ESC Client Number: 1505-Effluent 1508-Influent														
Sample Identification		Sample Collection				Sample Containers				C o l l i				
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#					
#1 WWTP & Creek	2403020094	3/1/24	0852	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x				
36.42014 -93.73453														
#2 Creek at 835 Hwy 23 N	2403020095	3/1/24	0902	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x				
36.42497 -93.73669														
#3 Creek at powerline	2403020094	3/1/24	0855	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x				
36.42518 -93.73646														
#4 Creek at Hwy 23 crossing	2403020097	3/1/24	0910	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x				
36.4398 -93.72906														
#5 Creek upstream	2403020096	3/1/24	0852	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:					
WILLIAM BALENTINE		3/1/24	1130						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:					
				Alison Jones			3-1-24	1130	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 ___ of 2				

AM5

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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): <u>WILLIAM BALENTINE</u>							
Telephone: (479) 253-7410				and Signature(s):							
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	#		
#6 Creek at Gaskins	2403020099	3/1/24	0918	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X	
36.426440 -93.443830											
#7 Creek at Hwy 187 Bridge	2403020100	3/1/24	0926	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X	
36.4456 -93.74420											
#8 Creek at Martin Marine	2403020101	3/1/24	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:			
WILLIAM BALENTINE		3/1/24	1130			3-1-24	1130	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:			
						3-1-24	1130	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)			