

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, March 5, 2024 3:07 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 FEBRUARY 28 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Wednesday February 28, 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.

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

Control Number: 2402020210	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 0924	Delivery By : WILLIAM BALENTI
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #1 WWTP & CREEK	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>
02/28	1610	AMJ	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 
 Environmental Services Co., Inc.

OKP

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Control Number: 2402020211	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 0930	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #2 CRK @ HWY 23N	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/28	1610	AMJ	E. Coliforms	52.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020212	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 0934	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #3 CRK @ POWERLINE	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>	<u>% Recovery</u>
02/28	1610	AMJ	E. Coliforms	41.0	/100ml	06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020213	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 0938	Delivery By : WILLIAM BALENTI
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 03/04/24	Sample From : #4 CRK @ HWY 23 XING	Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
02/28	1610	AMJ	E. Coliforms	51.0	/100ml.		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020214
 Customer Name : EUREKA SPRINGS-UPSTREAM WWTP
 Customer Number : 2852
 Report Date : 03/04/24

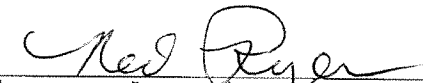
Sample Date : 02/28/24
 Sample Time : 0924
 Sample Type : GRAB WATER
 Sample From : #5 CREEK UPSTREAM

Collected By: WILLIAM BALENTI
 Delivery By : WILLIAM BALENTI
 Work Order :
 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>
02/28	1610	AMJ	E. Coliforms	20.0 /100ml.		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020215
 Customer Name : EUREKA SPRINGS-CREEK @ GASKINS
 Customer Number : 2853
 Report Date : 03/04/24

Sample Date : 02/28/24
 Sample Time : 0941
 Sample Type : GRAB WATER
 Sample From : #6 CRK @ GASKINS

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
02/28	1610	AMJ	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Signature 
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0148

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Control Number: 2402020216	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 0948	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

<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>
02/28	1610	AMJ	E. Coliforms	10.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2402020217	Sample Date : 02/28/24	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 0955	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 :

<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>
02/28	1610	AMJ	E. Coliforms	75.0 /100ml		06/2012 Colilert18	0.00	N/A

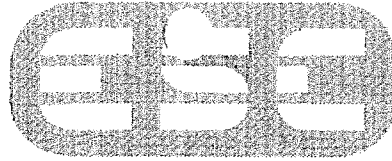
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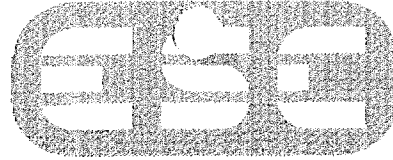
CHAIN OF CUSTODY

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 Barentine</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				Coli							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
#1 WWTP & Creek	2402020210	2/28/24	0924	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42014 -93.73453																	
#2 Creek at 835 Hwy 23 N	2402020211	2/28/24	0930	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42497 -93.73669																	
#3 Creek at powerline	2402020212	2/28/24	0934	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.42518 -93.73646																	
#4 Creek at Hwy 23 crossing	2402020213	2/28/24	0938	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X							
36.4398 -93.72906																	
#5 Creek upstream	2402020214	2/28/24	0924	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>[Signature]</i>		2/28/24	1235	<i>[Signature]</i>				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:									
				<i>[Signature]</i>				Regular <input type="checkbox"/> Special <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:									
				<i>[Signature]</i>		2/28/24	235	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							

AMS

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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 Balew</i>												
Telephone:		(479) 253-7410		and Signature(s):														
FAX:		(479) 253-6974																
ESC Client Number:		1505-Effluent 1508-Influent		ESWWTP@YAHOO.COM														
Sample Identification		Sample Collection				Sample Containers				Coli								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#									
#6 Creek at Gaskins	2402020215	2/28/24	0941	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.426440 -93.443830																		
#7 Creek at Hwy 187 Bridge	2402020214	2/28/24	0948	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X								
36.4456 -93.74420																		
#8 Creek at Martin Marine	2402020217	2/28/24	0955	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:										
		2/28/24	12:35					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:										
						02/28/24	12:35	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								

AKS