

Richard Healey (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, November 21, 2023 8:27 AM
To: Water-Enforcement-Report; Simon Wiley
Cc: Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFIN: 08-00036 Nov 15 2023
Attachments: BacT sampling Nov 15 2023.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Wednesday 11/15/2023.

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
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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: 2311020144 Sample Date : 11/15/23 Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK Sample Time : 1305 Delivery By : WILLIAM BALENTI
Customer Number : 2856 Sample Type : GRAB WATER Work Order :
Report Date : 11/17/23 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>
11/15	1645	NTR	E. Coliforms	388.0	/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 R. Steven Woosley
Environmental Services Co., Inc.

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Control Number: 2311020145	Sample Date : 11/15/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 1114	Delivery By : WILLIAM BALENTI
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 11/17/23	Sample From : #2 CREEK 835 HWY 23N	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>
11/15	1645	NTR	E. Coliforms	857.0 /100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2311020146	Sample Date : 11/15/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 1118	Delivery By : WILLIAM BALENTI
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 11/17/23	Sample From : #3 CREEK POWERLINE	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>
11/15	1645	NTR	E. Coliforms	697.0	/100ml		06/2012 Colilert18	0.00	N/A *

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Control Number: 2311020147
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N
Customer Number : 2851
Report Date : 11/17/23

Sample Date : 11/15/23
Sample Time : 1122
Sample Type : GRAB WATER
Sample From : #4 CREEK HWY 23 XING

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

Laboratory Analysis

Analysis		Parameter	Result	Notes	Quantity	Method
Date	Time By					
11/15	1645 NTR	E. Coliforms	134.0 /100ml			06/2012 Colilert18

Quality Assurance	
Precision	Accuracy
% RPD	% Recovery
0.00	N/A *

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Control Number: 2311020148
 Customer Name : EUREKA SPRINGS-UPSTREAM WWTP
 Customer Number : 2852
 Report Date : 11/17/23

Sample Date : 11/15/23
 Sample Time : 1308
 Sample Type : GRAB WATER
 Sample From : #5 CREEK UPSTREAM

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

Laboratory Analysis

Analysis		Parameter	Result	Notes	Quantity	Method
Date	Time By					
11/15	1645 NTR	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18

Quality Assurance	
Precision	Accuracy
% RPD	% Recovery
0.00	N/A *

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Control Number: 2311020149	Sample Date : 11/15/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 1325	Delivery By : WILLIAM BALENTI
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 11/17/23	Sample From : #6 CREEK AT GASKINS	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>
11/15	1645	NTR	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	0.00	N/A

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Control Number: 2311020150	Sample Date : 11/15/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 1126	Delivery By : WILLIAM BALENTI
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 11/17/23	Sample From : #7 CREEK 187 BRIDGE	Purchase Order :

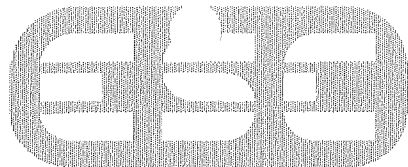
<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
11/15	1645	NTR	E. Coliforms	20.0 /100ml		06/2012 Colilert18	0.00	N/A *

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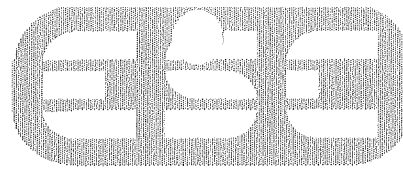
CHAIN OF CUSTODY

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						Coil Li									
Address: 3174 E. Van Buren				Purchase Order #:															
Eureka Springs, AR 72632				Sampler Name(s): <i>WILLIAM BALENTAWG</i>															
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													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
#1 WWTP & Creek	2311020144	11/15/23	1305	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x									
36.42014 -93.73453																			
#2 Creek at 835 Hwy 23 N	2311020145	11/15/23	1114	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x									
36.42497 -93.73669																			
#3 Creek at powerline	2311020146	11/15/23	1118	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x									
36.42518 -93.73646																			
#4 Creek at Hwy 23 crossing	2311020147	11/15/23	1122	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x									
36.4398 -93.72906																			
#5 Creek upstream	2311020148	11/15/23	1308	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 BALENTAWG		11/15/23	3:02	WILLIAM BALENTAWG		11/15/23	3:02	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:											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	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:											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	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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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																				
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	#		Li									
#6 Creek at Gaskins	2311020149	11/15/23	11:25	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X										
36.426440 -93.443830																				
#7 Creek at Hwy 187 Bridge	2311020150	11/15/23	11:26	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X										
36.4456 -93.74420																				
#8 Creek at Martin Marine	2311020151	11/15/23	11:34	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>WILLIAM BALENTINE</i>		11/15/23	3:01	<i>WILLIAM BALENTINE</i>		11/15/23	3:01	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>Roy Olivia Perry</i>		11/15/23	15:01	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)											

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