

Richard Healey (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Thursday, November 16, 2023 7:57 AM
To: Water-Enforcement-Report; Simon Wiley; Zane Lewis
Subject: AR 0021865 AFIN 08-00036
Attachments: BacT sampling Nov 13 2023.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday 11/13/2023.

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: 2311020131	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 1353	Delivery By : TERRY LONG
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	Sample From : #1 WWTP & CREEK	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>
11/13	1630	NTR	E. Coliforms	10.0	/100ml		06/2012 Colilert18	11.54	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: 2311020132	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 1315	Delivery By : TERRY LONG
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	Sample From : #2 CREEK 835 HWY 23N	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>
11/13	1630	NTR	E. Coliforms	1723.0	/100ml		06/2012 Colilert18
						11.54	N/A *

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Control Number: 2311020133	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 1319	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	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>
11/13	1630	NTR	E. Coliforms	2064.0	/100ml		06/2012 Colilert18	11.54	N/A *

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Control Number: 2311020134
 Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N
 Customer Number : 2851
 Report Date : 11/15/23


Sample Date : 11/13/23
 Sample Time : 1323
 Sample Type : GRAB WATER
 Sample From : #4 CREEK HWY 23 XING

Collected By: WILLIAM BALENTI
 Delivery By : TERRY LONG
 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>
11/13	1630	NTR	E. Coliforms	512.0 /100ml		06/2012 Colilert18	11.54	N/A *

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Control Number: 2311020135	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 1355	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	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>	
11/13	1630	NTR	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18	
							11.54	N/A *

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Control Number: 2311020136	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 1325	Delivery By : TERRY LONG
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	Sample From : #6 CREEK AT GASKINS	Purchase Order :

Laboratory Analysis

Analysis						<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>
								% RPD	% Recovery
11/13	1630	NTR	E. Coliforms	10.0	/100ml		06/2012 Colilert18	11.54	N/A *

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Signature _____

Neil R. [Signature]
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Control Number: 2311020137	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 1327	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	Sample From : #7 CREEK 187 BRIDGE	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>
11/13	1630	NTR	E. Coliforms	41.0	/100ml		06/2012 Colilert18	11.54	N/A *

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Control Number: 2311020138	Sample Date : 11/13/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 1336	Delivery By : TERRY LONG
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 11/15/23	Sample From : #8 MARTIN MARINE	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>
11/13	1630	NTR	E. Coliforms	104.0	/100ml		06/2012 Colilert18	11.54	N/A

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 website: www.esclabs.com



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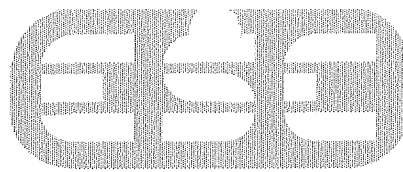
CHAIN OF CUSTODY

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 Brien 9/18/08</i>																		
Telephone: (479) 253-7410				and Signature(s): <i>[Signature]</i>																		
FAX: (479) 253-6974																						
ESWWTP@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	2	3	4	5	6	7	8	9	10	11	12	
#1 WWTP & Creek	2311020131	11/13/23	1353	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.42014 -93.73453																						
#2 Creek at 835 Hwy 23 N	2311020132	11/13/23	1315	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.42497 -93.73669																						
#3 Creek at powerline	2311020133	11/13/23	1319	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.42518 -93.73646																						
#4 Creek at Hwy 23 crossing	2311020134	11/13/23	1323	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.4398 -93.72906																						
#5 Creek upstream	2311020135	11/13/23	1355	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.42021 -93.73473																						
Relinquished By: (Signature and Printed Name) <i>William Brien</i>		Date	Time	Received By: (Signature and Printed Name) <i>Terry Perry</i>		Date	Time	Custody Seals:														
		11/13/23	1405			11/13/23	1405	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>														
Relinquished By: (Signature and Printed Name) <i>Terry Perry</i>		Date	Time	Received By: (Signature and Printed Name) <i>Terry Perry</i>		Date	Time	Turnaround:														
		11/13/23	1531					Regular <input type="checkbox"/> Special <input type="checkbox"/>														
Relinquished By: (Signature and Printed Name) <i>Terry Perry</i>		Date	Time	Received for Lab By: (Signature and Printed Name) <i>Terry Perry</i>		Date	Time	Were samples properly preserved:														
						11/13/23	1531	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 Eureka Springs, AR 72632				Purchase Order #:																		
Telephone: (479) 253-7410				Sampler Name(s): <i>William Blazewicz</i>																		
FAX: (479) 253-6974 ESWWTP@YAHOO.COM				and Signature(s):																		
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	2311020136	11/13/23	1325	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.426440 -93.443830																						
#7 Creek at Hwy 187 Bridge	2311020137	11/13/23	1327	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.4456 -93.74420																						
#8 Creek at Martin Marine		11/13/23	1336	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X												
36.47349 -93.76037	2311010138																					
Relinquished By: (Signature and Printed Name) <i>William Blazewicz</i>			Date	Time	Received By: (Signature and Printed Name) <i>Larry Long</i>			Date	Time	Custody Seals:												
			11/13/23	1405				11/13/23	1405	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name) <i>Larry Long</i>			Date	Time	Received By: (Signature and Printed Name) <i>Anna Perry</i>			Date	Time	Turnaround:												
			11/13/23	1531						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:												
								11/13/23	1531	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)													