

Richard Healey (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Tuesday, November 14, 2023 9:00 AM
To: Thomas Harrington (adpce.ad); Richard Healey (adpce.ad); Leslie Allen-Daniel (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFIN 08-00036 CORRECTED
Attachments: BacT sampling Nov 10 2023.pdf

My apologies to all. I inadvertently failed to attach the lab results to my previous email. Please accept my apologies for my oversight and I will endeavor to avoid this mistake moving forward.

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Friday 11/10/2023.

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: 2311020122	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS WWTP @ CREEK	Sample Time : 1008	Delivery By : TERRY LONG
Customer Number : 2856	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #1 WWTP & CREEK	Purchase Order :

Laboratory Analysis

Analysis							<u>Quality Assurance</u>		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
11/10	1415	RWS	E. Coliforms	< 10.0	/100ml		06/2012 Colilert18		

* 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

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: 2311020123	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N	Sample Time : 1019	Delivery By : TERRY LONG
Customer Number : 2849	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #2 CREEK 835 HWY 23N	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
11/10	1415	RWS	E. Coliforms	189.0	/100ml	06/2012 Colilert18		

* 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

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

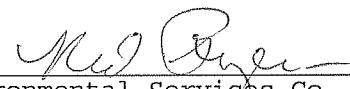
Control Number: 2311020124	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT	Sample Time : 1024	Delivery By : TERRY LONG
Customer Number : 2850	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #3 CREEK POWERLINE	Purchase Order :

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
11/10	1415	RWS	E. Coliforms	504.0	/100ml		06/2012 Colilert18		

* 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.

AKP

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: 2311020125	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N	Sample Time : 1030	Delivery By : TERRY LONG
Customer Number : 2851	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #4 CREEK HWY 23 XING	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>
11/10	1415	RWS	E. Coliforms	121.0	/100ml		06/2012 Colilert18		

* 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

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: 2311020126	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-UPSTREAM WWTP	Sample Time : 1012	Delivery By : TERRY LONG
Customer Number : 2852	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #5 CREEK UPSTREAM	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
Analysis						Precision	Accuracy		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
11/10	1415	RWS	E. Coliforms	94.5	/100ml		06/2012 Colilert18		

* 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

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: 2311020127	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CREEK @ GASKINS	Sample Time : 1034	Delivery By : TERRY LONG
Customer Number : 2853	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #6 CREEK AT GASKINS	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
11/10	1415	RWS	E. Coliforms	63.0	/100ml	06/2012 Colilert18		

* 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.

AKP

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: 2311020128	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE	Sample Time : 1037	Delivery By : TERRY LONG
Customer Number : 2854	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	Sample From : #7 CREEK 187 BRIDGE	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By	Parameter				% RPD	% Recovery
11/10	1415	RWS	E. Coliforms	41.0	/100ml	06/2012 Colilert18		

* 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.

DKP

Environmental Services Company, Inc.

Corporate Office
 13715 West Markham
 Little Rock, AR 72211
 Tel. (501)221-2565 Fax (501)221-1341

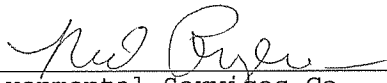
Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2311020129	Sample Date : 11/10/23	Collected By: WILLIAM BALENTI
Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE	Sample Time : 1040	Delivery By : TERRY LONG
Customer Number : 2855	Sample Type : GRAB WATER	Work Order :
Report Date : 11/13/23	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>	
11/10	1415	RWS	E. Coliforms	74.0	/100ml		06/2012 Colilert18	
							<u>% RPD</u>	<u>% Recovery</u>

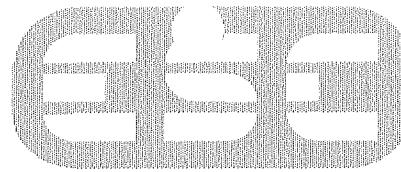
* QA data shown is from a different sample or standard on the same date.

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

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

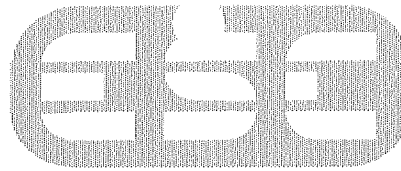
CHAIN OF CUSTODY

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 BAILENTINE</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				L	C	O	I	L	L	L	L	L	L
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
#1 WWTP & Creek	2311020122	11/10/23	1008	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42014 -93.73453																			
#2 Creek at 835 Hwy 23 N	2311020123	11/10/23	1014	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42497 -93.73669																			
#3 Creek at powerline	2311020124	11/10/23	1024	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.42518 -93.73646																			
#4 Creek at Hwy 23 crossing	2311020125	11/10/23	1030	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	X									
36.4398 -93.72906																			
#5 Creek upstream	2311020126	11/10/23	1012	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 BAILENTINE</i>		Date	Time	Received By: (Signature and Printed Name) <i>TERRY R LONG</i>		Date	Time	Custody Seals:											
		11/10/23	1102			11/10/23	1102	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name) <i>TERRY R LONG</i>		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:											
		11/10/23						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:											
						11/10/23	1238	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 <u>1</u> of 2							

0140

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 VALENTINE</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				Coi										
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
#6 Creek at Gaskins	2311020127	11/10/23	1034	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x										
36.426440 -93.443830																				
#7 Creek at Hwy 187 Bridge	2311020128	11/10/23	1037	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃	1	x										
36.4456 -93.74420																				
#8 Creek at Martin Marine	2311020129	11/10/23	1040	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 VALENTINE</i>		Date	Time	Received By: (Signature and Printed Name) <i>TERRY RLOWE</i>		Date	Time	Custody Seals:												
Relinquished By: (Signature and Printed Name) <i>TERRY RLOWE</i>		Date	Time	Received By: (Signature and Printed Name) <i>MIRIA PERRY</i>		Date	Time	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab 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: 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									

OKP