

Tiana Toups (adpce.ad)

From: Simon Wiley <swiley@eurekaspringsar.gov>
Sent: Thursday, November 20, 2025 8:31 AM
To: EE Water Enforcement Report
Cc: Butch Berry; Matt Williams; Waste Water; Sean Mellon; Zane Lewis; Lee Doege; Butch Berry; Oscar Morton
Subject: AR0021865 Monthly Update
Attachments: 138884 D1 A1 Approval Letter.pdf; Eureka Springs 2509020037-038 Reports.pdf; Eureka Springs 2510020071-072 Reports.pdf; Eureka Springs 2510020050-051 Reports.pdf; Eureka Springs 2510020030-031 Reports.pdf

All,

Over the course of the last month, our WWTP has operated within compliance and regulations established by state and federal guidelines. We have reported no SSO events at our WWTP and have not had any other illicit discharges.

I have recently placed an order for the items necessary to rebuild our existing UV disinfection assemblies through Environmental Technical Sales, LLC. Their technician will be onsite mid-January to perform the overhaul of the two units.

We have completed the installation of the sludge storage basin aerator, mixer, and decanter. They are wired but we still need to install the start/stop floats. We expect to have that completed by January 1st.

We are awaiting the delivery of another influent valve and controller assembly for the SBR basins. Once the 2nd valve arrives, JL Bryson will schedule their installation. I look for this valve assembly to be delivered any day now. This will be a complete replacement of both SBR influent valves and actuator motor assemblies.

We are also awaiting a 2nd motive valve for the SBR basins. The motive valve for SBR basin 2 has been replaced. We attempted to have the old valve rebuilt, but the valve shaft was severely damaged, and the assembly is no longer rebuildable. This valve should be delivered at any moment, and Jack Tyler Engineering will perform the replacement for the SBR basin 1.

We have received approval from the Arkansas Department of Health (attached) for the WWTP Improvement project that McClelland Consulting Engineering has been working diligently on. We are currently working to address questions with the ANRD that they are requesting prior to the release of the funding to perform the projected work.

If you have any questions or feedback, please feel free to contact me.

Thank you,

Simon Wiley, CPM

Director of Public Works

City of Eureka Springs, Arkansas

3174 East Van Buren

Eureka Springs, AR 72632

P: 479.253.9600

C: 479.981.0707

swiley@eurekaspringsar.gov

“Unless someone like you cares a whole awful lot, nothing is going to get better. It’s not.” – **Dr. Seuss**



Arkansas Department of Health

4815 West Markham Street • Little Rock, Arkansas 72205-3867 • Telephone (501) 661-2000
Governor Sarah Huckabee Sanders
Renee Mallory, RN, BSN, Secretary of Health
Jennifer Dillaha, MD, Director

Engineering Section, Slot 37 Ph (501) 661-2623 Fax (501) 661-2032
www.healthy.arkansas.gov After Hours Emergency (501) 661-2136

November 14, 2025

Zane S. Lewis
MCCLELLAND CONSULTING ENGINEER
7302 Kanis Rd
Little Rock, AR 72204

RE: WWTP Improvements, Eureka Springs
Eureka Springs Wastewater (S184) – Benton County
Project 138884

ATTN: Zane S. Lewis, P.E.

The plans and specifications for the above-referenced project, received September 26, 2025, have been reviewed and are hereby approved with the following conditions:

1. The Engineering Section relied upon the statements and representations made in the plans and specifications. In case any statement or representation in the aforementioned documents is found to be incorrect, this Approval may be revoked.
2. There shall be no deviation from the plans and specifications unless revised plans and specifications have been first submitted for review and written consent given.
3. The review and approval of the drawings and specifications were for functional and sanitary features and in no way constitute an analysis of the structural design.
4. If construction on this project is not started within one year of the date affixed hereto, this Letter of Approval is void.
5. Construction observation for this project shall be the responsibility of McClelland Consulting Engineers, Inc.

One set of the plans is being retained for our files. Please use our project identification number 138884 when submitting further correspondence.

Sincerely,

A handwritten signature in blue ink, appearing to read "Craig Corder".

Craig Corder, P.E.
Chief Engineer
Engineering Section – ADH

CGC:DG:ZJ:zj

cc: Eureka Springs Wastewater (S184)

ADEE, DEQ, Office of Water Quality

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: 2509020037

Customer Name : EUREKA SPRINGS, CITY OF
 Customer/Permit No. : 1505 / AR0021865 001
 Report Date : 10/10/25

Composite Date: 09/29/25 -09/29/25
 Sample Time : 0741-1403 1057(9/30)
 Sample Type : COMP/GRAB WWATER
 Sample From : EFFLUENT

Collected By: TERRY LONG
 Delivery By : AMJ
 Work Order :
 Purchase Order :

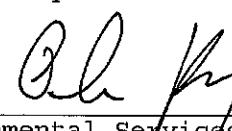
<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
10/03	0931	SRW	Ammonia as N, (HACH 10205)	2.83 mg/L	(b)		06/2007 HACH 10205	1.40	94.3 *
10/03	1412	SRW	Phosphorous, Total (as P)	< 0.05 mg/L			EPA 365.3	0.00	102.0
10/03	1105	OKP	Solids, Total Suspended	< 2.5 mg/L			SM 2020 2540 D	13.59	N/A *
09/30	1450	OKP	Fecal Coliform (MPN/100mL)	< 2.0 /100ml			06/2012 Colilert18	0.00	N/A
10/01	1315	OKP	BOD, Carbonaceous	< 2.0 mg/L			SM 2016 5210 B	14.48	86.9 *
10/03	1036	SRW	Nitrate + Nitrite	1.87 mg/L			01/2013 HACH 10206	2.15	105.0

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

(b) Exceeds Permit Limits for Average Concentration

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.

AM

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 Springdale, AR 72762
 Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 2509020038

Customer Name : EUREKA SPRINGS-INFLUENT

Customer Number : 1508

Report Date : 10/10/25

Sample Date : 09/29/25

Sample Time : 1255

Sample Type : GRAB WWATER

Sample From : INFLUENT

Collected By: TERRY LONG

Delivery By : AMJ

Work Order :

Purchase Order :

Laboratory Analysis							Quality Assurance			
Analysis	Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
									% RPD	% Recovery
	10/01	1248	OKP	BOD, 5-day	299.5 mg/L	G5		SM 2016 5210 B	7.55	79.4
	10/03	0931	SRW	Ammonia as N, (HACH 10205)	15.10 mg/L			06/2007 HACH 10205	1.40	94.3
	10/03	1412	SRW	Phosphorous, Total (as P)	6.14 mg/L			EPA 365.3	0.00	102.0 *
	10/03	1105	OKP	Solids, Total Suspended	256.0 mg/L			SM 2020 2540 D	13.59	N/A *
	10/03	1036	SRW	Nitrate + Nitrite	0.88 mg/L			01/2013 HACH 10206	2.15	105.0 *

G5 - The glucose/ glutamic acid standard exceeded the range of 198 ± 30.5 mg/L (BOD) and 164 ± 30.5 mg/L (CBOD).

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website: www.esclabs.com



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Northwest Branch
1107 Century
Springdale, AR 72764

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

Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information			Project Information						Requested Parameters		
Company Name:	Eureka Springs		Permit/Project #:	AR0021865 / Outfall 001					^{F. Coli (43.1F)} ^{CBOD (70.4800.25)} ^{TSS (mg/L)} ^{NH3 (15.4) Total P (mg/L)} ^{NO2 + NO (ppm)} ^{BOD (mg/L)}		
Address:	3174 E. Van Buren		Purchase Order #:								
	Eureka Springs, AR 72632		Sampler Name(s):	<i>Terry R Long</i>							
Telephone:	(479) 253-7410		and Signature(s):	<i>Terry R Long</i>							
FAX:	(479) 253-6974										
E-MAIL	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	#		
1505 Effluent	2509020037	9/30/25	1051	GRAB	Water	Whirlpak	300 ml	none	1	X	
1505 Effluent	1	9/29/25	0741	COMPOSITE	Water	Plastic	1900 ml	none	1	X	X
1505 Effluent	1	9/29/25	1051	COMPOSITE	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1		X X X
1508 Influent	2509020038	9/29/25	1255	GRAB	Water	Plastic	1000 ml	none	1	X	X X
1508 Influent	1	9/29/25	1255	GRAB	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1		X
Relinquished By: (Signature and Printed Name) <i>Terry R Long</i> Received By: (Signature and Printed Name) <i>Alison Jones</i> Date 9/30/25 Time 1134 Custody Seals: Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name) <i>Terry R Long</i> Received By: (Signature and Printed Name) <i>Alison Jones</i> Date 9-30-25 Time 1134 Turnaround: Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name) <i>Alison Jones</i> Received for Lab, By: (Signature and Printed Name) <i>Sherryann Stormy Warner</i> Date 9-30-25 Time 1245 Were samples properly preserved: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
Comments: <i>Sherryann Stormy Warner</i>				FLOW DATA	Field Test	Time	Analyst	Result	Result	Units	
				Analyst:	pH:						
				Time:	Temp.:					°C °F	
				Reading:	DO:						
				Units:	HS						
Cool all samples to 6 degrees C.								Chlorinated?	Yes	No	This Document is Page _____ of _____

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Control Number: 2510020030
 Customer Name : EUREKA SPRINGS, CITY OF
 Customer/Permit No. : 1505 / AR0021865 001
 Report Date : 10/17/25

Composite Date: 10/08/25 - 10/09/25
 Sample Time : 1209-1828 1054(10/9)
 Sample Type : COMP/GRAB WWATER
 Sample From : EFFLUENT

Collected By: TERRY LONG
 Delivery By : SRW
 Work Order :
 Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</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>
10/13	1016	SRW		Ammonia as N, (HACH 10205)	0.67 mg/L			06/2007 HACH 10205	1.68	98.7 *
10/13	1141	SRW		Phosphorous, Total (as P)	< 0.05 mg/L			EPA 365.3	0.70	102.4 *
10/10	0855	AMJ		Solids, Total Suspended	< 2.5 mg/L			SM 2020 2540 D	2.65	N/A *
10/09	1522	AMJ		Fecal Coliform (MPN/100mL)	< 2.0 /100ml			06/2012 Colilert18	0.00	N/A
10/10	1215	ZTS		BOD, Carbonaceous	< 2.0 mg/L			SM 2016 5210 B	0.00	105.3 *
10/13	1300	AMJ		Nitrate + Nitrite	2.84 mg/L			01/2013 HACH 10206	2.09	102.0 *

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

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Signature Olivia Perry
 Environmental Services Co., Inc.

AM

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Control Number: 2510020031

Customer Name : EUREKA SPRINGS-INFLUENT

Customer Number : 1508

Report Date : 10/17/25

Sample Date : 10/09/25

Sample Time : 1500

Sample Type : GRAB WWATER

Sample From : INFLUENT

Collected By: TERRY LONG

Delivery By : SRW

Work Order :

Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</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>
	10/10	1219	ZTS	BOD, 5-day	174.8 mg/L			SM 2016 5210 B	0.82	104.3
	10/13	1016	SRW	Ammonia as N, (HACH 10205)	24.30 mg/L			06/2007 HACH 10205	1.68	98.7 *
	10/13	1141	SRW	Phosphorous, Total (as P)	4.83 mg/L			EPA 365.3	0.70	102.4 *
	10/10	0855	AMJ	Solids, Total Suspended	147.0 mg/L			SM 2020 2540 D	10.88	N/A
	10/13	1300	AMJ	Nitrate + Nitrite	0.56 mg/L			01/2013 HACH 10206	2.09	102.0 *

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Signature

Olivia Perry
 Environmental Services Co., Inc.

AM

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Springdale, AR 72764

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Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information		Project Information							Requested Parameters					
Company Name:	Eureka Springs	Permit/Project #: AR0021865 / Outfall 001							Turbidity (43.1F)	TSS (78.)	Total P (15.) NH3 (15.4)	CBOD (70.) BOD (3.)	NO ₃ + NO ₂ (91.)	
Address:	3174 E. Van Buren	Purchase Order #:												
	Eureka Springs, AR 72632	Sampler Name(s): <i>Terry Long</i>												
Telephone:	(479) 253-7410	and Signature(s): <i>Terry Long</i>												
FAX:	(479) 253-6974													
E-MAIL	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	#					
1505 Effluent	7510020030	10/9/95	1054	GRAB	Water	Whirlpak	300 ml	none	1	X				
1505 Effluent	1	10/9/95	1209	COMPOSITE	Water	Plastic	1900 ml	none	1		X		X	
1505 Effluent	1	10/9/95	1519	COMPOSITE	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1		X	X	X	
1508 Influent	2510020031	10/9/95	1500	GRAB	Water	Plastic	1000 ml	none	1		X		X	
1508 Influent	1	10/9/95	1510	GRAB	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1		X	X	X	
Relinquished By: (Signature and Printed Name)	<i>Terry Long Terry Long</i>	Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:					
<i>Terry Long Terry Long</i>	10/9/95	1324	<i>Stormy Dawn Stormy Warner</i>			10/9/95	1324	Used? <input checked="" type="checkbox"/>	Intact? <input type="checkbox"/>					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Date	Time	Turnaround:					
				<i>Stormy Dawn Stormy Warner</i>					Regular <input checked="" type="checkbox"/>	Special <input type="checkbox"/>				
Relinquished By: (Signature and Printed Name)	<i>Stormy Dawn Stormy Warner</i>	Date	Time	Received for Lab By: (Signature and Printed Name)			Date	Time	Were samples properly preserved:					
<i>Stormy Dawn Stormy Warner</i>	10/9/95	1436	<i>Mr. Jim Oliver Perry</i>			10/9/95	1436	Yes <input checked="" 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:	HS									
Cool all samples to 6 degrees C.							Chlorinated?	Yes	No	This Document is Page <u>1</u> of <u>1</u>				

Environmental Services Company, Inc.

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

Control Number: 2510020050
Customer Name : EUREKA SPRINGS, CITY OF
Customer/Permit No. : 1505 / AR0021865 001
Report Date : 10/24/25

Composite Date: 10/15/25 - 10/15/25
Sample Time : 0910-1520 1008(10/16
Sample Type : COMP/GRAB WWATER
Sample From : EFFLUENT

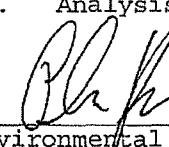
Collected By: TERRY LONG
Delivery By : SRW
Work Order :
Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</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
	10/17	1307	SRW	Ammonia as N, (HACH 10205)	0.93 mg/L			06/2007 HACH 10205	0.00	98.3 *
	10/17	0828	SRW	Phosphorous, Total (as P)	< 0.05 mg/L			EPA 365.3	0.00	100.4 *
	10/17	1049	SRW	Solids, Total Suspended	< 2.5 mg/L			SM 2020 2540 D	5.36	N/A *
	10/16	1607	SRW	Fecal Coliform (MPN/100mL)	93.3 /100mL			06/2012 Colilert18	0.00	N/A *
	10/17	1118	ZTS	BOD, Carbonaceous	6.7 mg/L			SM 2016 5210 B	4.59	102.3 *
	10/17	1333	SRW	Nitrate + Nitrite	1.88 mg/L			01/2013 HACH 10206	2.80	101.0 *

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Signature


Environmental Services Co., Inc.

NYC

Environmental Services Company, Inc.

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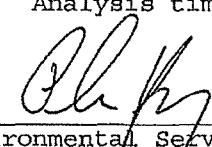
Control Number: 2510020051	Sample Date : 10/15/25	Collected By: TERRY LONG
Customer Name : EUREKA SPRINGS-INFLUENT	Sample Time : 1515	Delivery By : SRW
Customer Number : 1508	Sample Type : GRAB WWATER	Work Order :
Report Date : 10/24/25	Sample From : INFLUENT	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</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>
	10/17	1137	ZTS	BOD, 5-day	346.8 mg/L			SM 2016 5210 B	9.77	98.3
	10/17	1307	SRW	Ammonia as N, (HACH 10205)	22.70 mg/L			06/2007 HACH 10205	0.37	98.3 *
	10/17	0828	SRW	Phosphorous, Total (as P)	6.69 mg/L			EPA 365.3	0.00	100.4 *
	10/17	1049	SRW	Solids, Total Suspended	193.0 mg/L			SM 2020 2540 D	5.36	N/A *
	10/17	1333	SRW	Nitrate + Nitrite	0.74 mg/L			01/2013 HACH 10206	2.80	101.0 *

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

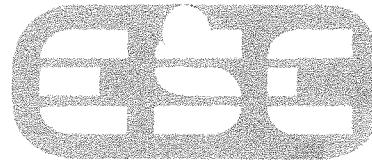
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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.

M2

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website: www.esclabs.com



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CHAIN OF CUSTODY

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Client Information		Project Information						Requested Parameters		
Company Name:	Eureka Springs	Permit/Project #: AR0021865 / Outfall 001								
Address:	3174 E. Van Buren	Purchase Order #:								
	Eureka Springs, AR 72632									
Telephone:	(479) 253-7410	Sampler Name(s): <i>Terry R Long</i>								
FAX:	(479) 253-6974	and Signature(s): <i>Terry R Long</i>								
E-MAIL	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	#	
1505 Effluent	7510070050	10/14/95	1408	GRAB	Water	Whirlpak	300 ml	none	1	
1505 Effluent	1	10/15/95	0910	COMPOSITE	Water	Plastic	1900 ml	none	1	
1505 Effluent	1	10/15/95	1214	COMPOSITE	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1	
1508 Influent	7510070051	10/15/95	1515	GRAB	Water	Plastic	1000 ml	none	1	
1508 Influent	1	10/15/95	1515	GRAB	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1	
Relinquished By: (Signature and Printed Name)	Date		Time	Received By: (Signature and Printed Name)		Date		Time	Custody Seals:	
<i>Terry R Long Terry R Long</i>	10/14/95		1404	<i>Stacey Dur Stacey Warner</i>		10-14-95		1404	Used? <input checked="" type="checkbox"/> N	Intact? <input type="checkbox"/>
Relinquished By: (Signature and Printed Name)	Date		Time	Received By: (Signature and Printed Name)		Date		Time	Turnaround:	
									Regular <input checked="" type="checkbox"/> X	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>Stacey Dur Stacey Warner</i>	10-14-95		1530	<i>Alison Jones</i>		10-14-95		1530	Yes <input checked="" type="checkbox"/> X	No <input type="checkbox"/>
Comments:				FLOW DATA	Field Test	Time	Analyst	Result	Result	Units
				Analyst:	pH:					
				Time:	Temp.:					°C °F
				Reading:	DO:					
				Units:	HS					
Cool all samples to 6 degrees C.							Chlorinated?	Yes	No	This Document is Page <u>1</u> of <u>1</u>

Environmental Services Company, Inc.

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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: 2510020071
Customer Name : EUREKA SPRINGS, CITY OF
Customer/Permit No. : 1505 / AR0021865 001
Report Date : 11/04/25

Composite Date: 10/22/25 -10/22/25
Sample Time : 0838-1450 0959(10/23
Sample Type : COMP/GRAB WWATER
Sample From : EFFLUENT

Collected By: TERRY LONG
Delivery By : SRW
Work Order :
Purchase Order :

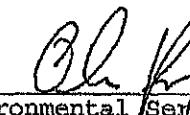
Laboratory Analysis							Quality Assurance	
Analysis		Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time By						% RPD	% Recovery
10/27 1020	SRW	Ammonia as N, (HACH 10205)	2.85 mg/L	(b)		06/2007 HACH 10205	1.00	92.1 *
10/27 0924	SRW	Phosphorous, Total (as P)	< 0.05 mg/L			EPA 365.3	0.00	103.6 *
10/24 1141	SRW	Solids, Total Suspended	3.3 mg/L			SM 2020 2540-D	1.53	N/A *
10/23 1501	SRW	Fecal Coliform (MPN/100mL)	6.2 /100mL			06/2012 Colilert18	43.14	N/A
10/24 1314	ZTS	BOD, Carbonaceous	6.1 mg/L			SM 2016 5210 B	0.00	110.3
10/24 0922	OKP	Nitrate + Nitrite	1.23 mg/L			01/2013 HACH 10206	0.79	101.0 *

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

(b) Exceeds Permit Limits for Average Concentration

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.

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2510020072
Customer Name : EUREKA SPRINGS-INFLUENT
Customer Number : 1508
Report Date : 11/04/25

Sample Date : 10/23/25
Sample Time : 1505
Sample Type : GRAB WWATER
Sample From : INFLUENT

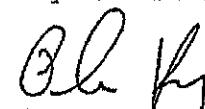
Collected By: TERRY LONG
Delivery By : SRW
Work Order :
Purchase Order :

Laboratory Analysis							Quality Assurance	
Analysis		Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time By						% RPD	% Recovery
10/24	1355	ZTS	BOD, 5-day	231.7 mg/L		SM 2016 5210 B	0.00	90.0
10/27	1020	SRW	Ammonia as N, (HACH 10205)	23.50 mg/L		06/2007 HACH 10205	1.00	92.1 *
10/27	0924	SRW	Phosphorous, Total (as P)	4.89 mg/L		EPA 365.3	0.00	103.6 *
10/24	1141	SRW	Solids, Total Suspended	104.0 mg/L		SM 2020 2540 D	1.53	N/A *
10/24	0922	OKP	Nitrate + Nitrite	0.53 mg/L		01/2013 HACH 10206	0.79	101.0 *

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

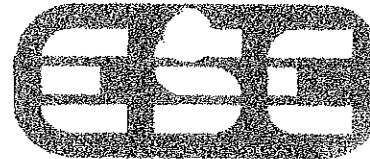
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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.

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Little Rock, AR 72211 Little Rock, AR 72215
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Springdale, AR 72764

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Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information		Project Information					Requested Parameters					
Company Name:	Eureka Springs	Permit/Project #:	AR0021865 / Outfall 001				Fecal Coliform (43.1F)					
Address:	3174 E. Van Buren	Purchase Order #:					TSS (78)					
	Eureka Springs, AR 72632	Sampler Name(s):	<i>Terry R Long</i>				NH3 (15A)					
Telephone:	(479) 253-7410	and Signature(s):	<i>Terry R Long</i>				Tot. P (15C)					
FAX:	(479) 253-6974						CBOD (70)					
E-MAIL	ESWWTP@YAHOO.COM						NO3+NO2 (91)					
ESC Client Number:	1505 - Effluent 1508 - Influent						BOD (3)					
Sample Identification		Sample Collection			Sample Containers							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#			
1505 Effluent	7510070071	10/23/25	0950	GRAB	Water	Whirlpak	300 ml	none	1	X		
1505 Effluent	1	10/23/25	0838	COMPOSITE	Water	Plastic	1900 ml	none	1	X	X	
1505 Effluent	1	10/23/25	1148	COMPOSITE	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1		X X	
1505 Effluent			12450								X	
1508 Influent	7510070072	10/23/25	1505	GRAB	Water	Plastic	1000 ml	none	1	X		
1508 Influent	1	10/23/25	1505	GRAB	Water	Plastic	250 ml	H ₂ SO ₄ , pH<2	1	X	X X	
											X	
Relinquished By: (Signature and Printed Name)	<i>Terry R Long</i>	Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:			
Relinquished By: (Signature and Printed Name)	<i>Terry R Long</i>	10/23/25	1127	<i>Stacey Warner Stormey Warner</i>			10-23-25	1127	Used?	<input checked="" 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)									Regular	<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>
Comments:	Stacey Warner Stormey Warner	Date	Time	Received for Lab By: (Signature and Printed Name)			Date	Time	Were samples properly preserved:			
	10-23-25	1411	<i>Alison Jones</i>			10-23-25	1411	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units
						Analyst:	pH:					
						Time:	Temp.:					°C °F
						Reading:	DO:					
						Units:	HS					
Cool all samples to 6 degrees C.									Chlorinated? Yes <input checked="" type="checkbox"/> No	This Document is Page 1 of 1		