Richard Healey (adpce.ad)

From:	Terry Long <eswwtp@yahoo.com></eswwtp@yahoo.com>
Sent:	Friday, October 27, 2023 1:15 PM
То:	Water-Enforcement-Report; Simon Wiley
Subject:	AR 0021865 AFIN 08-00036 Update
Attachments:	BacT sampling Oct 23, 2023.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday 10/23/23. We noticed that there was a huge increase of bacteria count at both sample locations #2 & #3 (835 Highway 23 N and Leatherwood Creek at powerline crossing respectively) for the samples collected on Monday 10/23/2023 as compared to those taken on Friday 10/20/23. We found it strange to see such a huge increase in bacteria counts and wonder if there is something else influencing the bacteria count.

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

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-13	341 Tel	Northwest Arkansas 1107 Century Av Springdale, AR . (479)750-1170 Fax	<i>r</i> enue 72762			
Control Number: 2310020152 Customer Name : EUREKA SPRINGS, CITY OF Customer/Permit No. : 1505 / AR0021865 001 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1049 Sample Type : GRAB WATER Sample From : #1 WWTP & CREEK	Deliver Work Or	cted By: WILLIAM BALENTI ery By : TERRY LONG Order : ase Order :			
Analysis Parameter Date Time By Parameter 10/23 1500 RWS E. Coliforms	<u>Result</u> <u>Notes</u> <u>Quantity</u> 153.0 /100ml	<u>Method</u> 06/2012 Colilert18	Quality Assurance Precision Accura <u>% RPD % Recove</u> 0.00 N/i	су		
* QA data shown is from a different sample or	standard on the same date.					

Signature <u>R. Steven Woosley</u> Environmental Services Co., Ing.

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Control Number: 2310020153 Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N Customer Number : 2849 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1107 Sample Type : GRAB WATER Sample From : #2 CREEK 835 HWY	Deliver Work Or	ed By: WILLIAM BALENTI y By : TERRY LONG der : e Order :
Analysis Date Time By Parameter Re	<u>esult</u> <u>Notes</u> <u>Quantity</u> 208.0 /100ml	<u>Method</u> 06/2012 Colilert18	<u>Quality Assurance</u> Precision Accuracy <u>% RPD % Recovery</u> 0.00 N/A *
* QA data shown is from a different sample or sta	ndard on the same date.		

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Control Number: 2310020154 Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT Customer Number : 2850 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1116 Sample Type : GRAB WATER Sample From : #3 CREEK POWERLIN	Deliver Work Or	ed By: WILLIA y By : TERRY der : se Order :	
Analysis Date Time By Re	<u>y Analysis</u> <u>sult Notes Quantity</u> 97.0 /100ml	<u>Method</u> 06/2012 Colilert18	Quality A Precision % RPD 0.00	<u>ssurance</u> Accuracy <u>% Recovery</u> N/A *
* QA data shown is from a different sample or star	ndard 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.

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Signature R. Steven Woosley Environmental Services Co., Inc.

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Control Number: 2310020155 Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N Customer Number : 2851 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1121 Sample Type : GRAB WATER Sample From : #4 CREEK HWY 23	Deliver Work Or	ed By: WILLIAM BALENTI ry By : TERRY LONG rder : se Order :
Analysis Date Time By Parameter	<u>Result</u> <u>Notes</u> <u>Quantity</u> 1081.0 /100ml	<u>Method</u> 06/2012 Colilert18	Quality Assurance Precision Accuracy <u>% RPD % Recovery</u> 0.00 N/A *
* QA data shown is from a different sample or s	standard on the same date.		

Signature <u>*R. Steven Woosley*</u> Environmental Services Co., Ind

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-134	l Tel	Northwest Arkansas 1107 Century Av Springdale, AR . (479)750-1170 Fax	<i>r</i> enue 72762	2
Control Number: 2310020156 Customer Name : EUREKA SPRINGS-UPSTREAM WWTP Customer Number : 2852 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1053 Sample Type : GRAB WATER Sample From : #5 CREEK UPSTRE	Deliver Work Or	ed By: WILLI y By : TERRY der : se Order :	
Analysis Date Time By Parameter	<u>Result</u> <u>Notes</u> <u>Quantity</u> 20.0 /100ml	<u>Method</u> 06/2012 Colilert18	Quality Precision <u>% RPD</u> 0.00	Assurance Accuracy <u>% Recovery</u> N/A *
* QA data shown is from a different sample or	standard on the same date.			

Signature <u>*R. Steven Woosley*</u> Environmental Services Co., Inc.

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Control Number: 2310020157 Customer Name : EUREKA SPRINGS-CREEK @ GASKINS Customer Number : 2853 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1127 Sample Type : GRAB WATER Sample From : #6 CREEK AT GASH	Deliver Work Or	ced By: WILLIA ry By : TERRY rder : se Order :	
Laborat	cory Analysis		Quality A	ssurance
Analysis Date Time By Parameter 10/23 1500 RWS E. Coliforms	Result Notes Quantity 31.0 /100ml	<u>Method</u> 06/2012 Colilert18	Precision <u>% RPD</u> 0.00	Accuracy <u>% Recovery</u> N/A *
• • • • • • • • • • • • • • • • • • •				
* QA data shown is from a different sample or s	standard on the same date.			

Signature R. Steven Woosley Environmental Services Co., Inc.

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341		orthwest Arkansas 1107 Century Avo Springdale, AR 29)750-1170 Fax	enue 72762	2
Control Number: 2310020158 Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE Customer Number : 2854 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1129 Sample Type : GRAB WATER Sample From : #7 CREEK 187 BRIDGE	Deliver Work Ord	ed By: WILLIA y By : TERRY der : e Order :	
Analysis	ry Analysis esult Notes Quantity 06/ 63.0 /100ml 06/	<u>Method</u> 2012 Colilert18	Quality A Precision <u>% RPD</u> 0.00	A <u>ssurance</u> Accuracy <u>% Recovery</u> N/A *
* QA data shown is from a different sample or sta	andard 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 <u>R. Steven Woosley</u> Environmental Services Co., Ing.

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Control Number: 2310020159 Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE Customer Number : 2855 Report Date : 10/25/23	Sample Date : 10/23/23 Sample Time : 1139 Sample Type : GRAB WATER Sample From : #8 MARTIN MARINE	Deliver Work Or	ced By: WILLIA cy By : TERRY cder : se Order :	
Analysis	<u>Result Notes Quantity</u> 20.0 /100ml	<u>Method</u> 06/2012 Colilert18	Quality / Precision % RPD 0.00	Accuracy Accuracy <u>% Recovery</u> N/A *
* QA data shown is from a different sample or s	tandard on the same date.			

Signature <u>*R. Steven Woosley*</u> Environmental Services Co., Inc.

Environmental Services Company, Inc. Corporate Office 13715 West Markham P.O. Box 55146 Little Rock, AR 72211 Little Rock, AR 72215

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Phone: 501-221-2565



Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

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

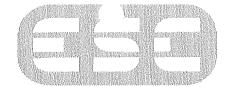
Client Information					Pr	oject Inf	ormation	******			Re	quest	ed P	'aram	eters	
Company Name: Eureka Springs					oject #: A	R#0021	865/ AFIN	08-0003	6							
Address	Address: 3174 E. Van Buren				Order #:											
Eureka Springs, AR 72632						Λ										
Telephone:	(479) 253-7410			Sampler N	lame(s):	WILL	AM BA	VEAT IN	y Ç							
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#2 Creek at 835 Hwy 23 N	2310020153	10/23/23	1107	GRAB	Water	Sterile	100 m	$Na_2S_2O_3$		1 X						
36.42497 -93.73669		,,				1										
#3 Creek at powerline	2310020154	10/23/13	1116	GRAB	Water	Sterile	100 m	Na ₂ S ₂ O ₃		1 X						
36.42518 -93.73646		,														
#4 Creek at Hwy 23 crossing	3 2310020155	10/23/23	1121	GRAB	Water	Sterile	100 m	$Na_2S_2O_3$		1 X						
36.4398 -93.72906																
#5 Creek upstream	2310020154	10/23/23	1053	GRAB	Water	Sterile	100 m	$Na_2S_2O_3$		1 X						
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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

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CHAIN OF CUSTODY

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

		Pr	oject Inf	ormation	*****	nenne denned Denne denned			Requ	ester	d Par	rame	eters					
Company Name:	Ει	ureka Springs			Permit/Pro	oject #: A	R#0021	865/ AFIN	08-0003	6								
Address:	31	174 E. Van Buren			Purchase	Order #:												
	Ει	ureka Springs, AF	R 72632											i.				ĺ
Telephone:	elephone: (479) 253-7410					lame(s):	411	LIAM /	BALGA-	INC	G							
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