

Thomas Harrington (adpce.ad)

From: Terry Long <eswwtp@yahoo.com>
Sent: Friday, February 23, 2024 8:39 AM
To: Water-Enforcement-Report; Richard Healey (adpce.ad); Thomas Harrington (adpce.ad)
Cc: Simon Wiley; Zane Lewis; Spencer Briggs
Subject: AR 0021865 AFINL 08-00036
Attachments: BacT sampling FEBRUARY 19 2024.pdf

ADEQ Water Enforcement,

Please find the attached lab results with chain of custody from the samples pulled from Leatherwood Creek on Monday February 19, 2024.

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

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: 2402020170 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS WWTP @ CREEK | Sample Time : 1005 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2856 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #1 WWTP & CREEK | Purchase Order : |

| <u>Laboratory Analysis</u> | | | | | | | <u>Quality Assurance</u> | |
|----------------------------|------|-----|--------------|--------|----------|--------------------|--------------------------|------------|
| Analysis | | | Result | Notes | Quantity | Method | Precision | Accuracy |
| Date | Time | By | Parameter | | | | % RPD | % Recovery |
| 02/19 | 1557 | AMJ | E. Coliforms | 1153.0 | /100ml | 06/2012 Colilert18 | 16.94 | 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 _____

Med Ryan
 Environmental Services Co., Inc.

OK

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: 2402020171 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-CREEK@835 HWY 23N | Sample Time : 1012 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2849 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #2 CRK@ 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 |
| 02/19 | 1557 | AMJ | E. Coliforms | 441.0 | /100ml | 06/2012 Colilert18 | 16.94 | 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 _____


 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: 2402020172 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-POWERLINE 1/2 PLT | Sample Time : 1015 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2850 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #3 CRK AT POWERLINE | Purchase Order : |

| Laboratory Analysis | | | | | | Quality Assurance | | |
|---------------------|----------|--------------|--------------|-------|----------|--------------------|-----------|------------|
| Analysis | | Parameter | Result | Notes | Quantity | Method | Precision | Accuracy |
| Date | Time By | | | | | | % RPD | % Recovery |
| 02/19 | 1557 AMJ | E. Coliforms | 450.0 /100ml | | | 06/2012 Colilert18 | 16.94 | 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 
 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: 2402020173 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-CREEK@HWY 23 N | Sample Time : 1018 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2851 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #4 CRK@ HWY 23 KING | 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> |
| 02/19 | 1557 | AMJ | E. Coliforms | 20.0 /100ml | | 06/2012 Colilert18 | 16.94 | 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 
 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: 2402020174 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-UPSTREAM WWTP | Sample Time : 1005 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2852 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #5 CREEK UPSTREAM | 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> |
| 02/19 | 1557 | AMJ | E. Coliforms | 992.0 /100ml | | 06/2012 Colilert18 | 16.94 | 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 _____


 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: 2402020175 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-CREEK @ GASKINS | Sample Time : 1020 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2853 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #6 CRK AT GASKINS | 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> |
| 02/19 | 1557 | AMJ | E. Coliforms | < 10.0 /100ml | | 06/2012 Colilert18 | 16.94 | 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 
 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: 2402020176 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-CR@HWY 187 BRIDGE | Sample Time : 1024 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2854 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #7 CRK@ HWY187 BRDGE | 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> |
| 02/19 | 1557 | AMJ | E. Coliforms | 10.0 /100ml | | 06/2012 Colilert18 | 16.94 | 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 
 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: 2402020177 | Sample Date : 02/19/24 | Collected By: WILLIAM BALENTI |
| Customer Name : EUREKA SPRINGS-CR@MARTIN MARINE | Sample Time : 1034 | Delivery By : WILLIAM BALENTI |
| Customer Number : 2855 | Sample Type : GRAB WATER | Work Order : |
| Report Date : 02/20/24 | Sample From : #8 CRK MARTIN MARINE | 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> |
| 02/19 | 1557 | AMJ | E. Coliforms | < 10.0 /100ml | | 06/2012 Colilert18 | 16.94 | 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 
 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

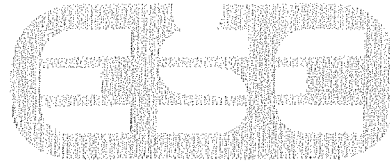
CHAIN OF CUSTODY

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): <u>WILLIAM BALENTINE</u> | | | | | | | |
| Telephone: (479) 253-7410 | | | | and Signature(s): | | | | | | | |
| FAX: (479) 253-6974 | | | | | | | | | | | |
| ESWTP@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 WWTP & Creek | 2402020170 | 2/19/24 | 1005 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | X | |
| 36.42014 -93.73453 | | | | | | | | | | | |
| #2 Creek at 835 Hwy 23 N | 2402020171 | 2/19/24 | 1012 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | X | |
| 36.42497 -93.73669 | | | | | | | | | | | |
| #3 Creek at powerline | 2402020172 | 2/19/24 | 1015 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | X | |
| 36.42518 -93.73646 | | | | | | | | | | | |
| #4 Creek at Hwy 23 crossing | 2402020173 | 2/19/24 | 1018 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | X | |
| 36.4398 -93.72906 | | | | | | | | | | | |
| #5 Creek upstream | 2402020174 | 2/19/24 | 1005 | 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 BALENTINE | | 2/19/24 | 12:39 | | | | | 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: | | | |
| | | | | | | 2/19/24 | 12:39 | 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 | | | |

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 Eureka Springs, AR 72632 | | | | Purchase Order #: | | | | | | | | | | |
| Telephone: (479) 253-7410 | | | | Sampler Name(s): <u>WILLIAM BALENTINE</u> | | | | | | | | | | |
| FAX: (479) 253-6974 <u>ESWWTP@YAHOO.COM</u> | | | | and Signature(s): | | | | | | | | | | |
| ESC Client Number: 1505-Effluent 1508-Influent | | | | | | | | | | | | | | |
| Sample Identification | | Sample Collection | | | | Sample Containers | | | | | Cool Li | | | |
| Identification | ESC Control # | Date | Time | Type | Matrix | Type | Volume | Preservative | # | | | | | |
| #6 Creek at Gaskins 36.426440 -93.443830 | 2402020175 | 2/19/24 | 1020 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | x | | | | |
| #7 Creek at Hwy 187 Bridge 36.4456 -93.74420 | 2402020176 | 2/19/24 | 1024 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | x | | | | |
| #8 Creek at Martin Marine 36.47349 -93.76037 | 2402020177 | 2/19/24 | 1034 | GRAB | Water | Sterile | 100 m | Na ₂ S ₂ O ₃ | 1 | x | | | | |
| Relinquished By: (Signature and Printed Name) WILLIAM BALENTINE | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Custody Seals: 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) Robert Stephens | | Date | Time | Were samples properly preserved: Yes <input type="checkbox"/> No <input type="checkbox"/> | | | | | | |
| Comments: | | | | 7 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