

Tiana Toups (adpce.ad)

From: Simon Wiley <swiley@eurekaspringsar.gov>
Sent: Monday, July 21, 2025 8:35 AM
To: EE Water Enforcement Report
Cc: Waste Water; Butch Berry; Zane Lewis PE; Oscar Morton; Sean Mellon; Lorin Bryan; Lee Doege
Subject: AR0021865 Monthly Report
Attachments: Eureka Springs 2507020032-033 Reports.pdf; Eureka Springs 2506020020-021 Reports.pdf; Eureka Springs 2506020040-041 Reports.pdf; Eureka Springs 2506020063-064 Reports.pdf

Some people who received this message don't often get email from swiley@eurekaspringsar.gov. [Learn why this is important](#)

All,

Over the course of the last month, our WWTP has been operating as it should. We have made some progress in improving our operations and continue to work to improve the plant operations every day.

We still have the two SBR influent valves on order. I received an update last week on them and the delivery date was pushed back to around the end of August to beginning of September. JL Bryson will be performing the installation of these valves once they arrive.

The 14-inch motive valve that we ordered has arrived for SBR 2. We are awaiting the delivery of a coupler. Once the coupler arrives, Jack Tyler Engineering will install it. For this installation, we will need to draw down the SBR level to allow for the removal and replacement of the valve.

Last week, we had a welder rebuild the conveyor belt assembly that we use in our sludge processing operations. The belly pans of the conveyor were rusted through. They were replaced with stainless steel and a new belt drive roller and belt was installed. We were running into issues where the belt would slip on the drive belt requiring constant monitoring of the operation.

Last week USI was on site performing geotechnical borings that will be used by McClelland Engineering for the remodel project.

If anyone needs any more information regarding the plant operations, please do not hesitate to contact me at my office.

Sincerely,

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**

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: 2506020020 | Composite Date: 06/04/25 -06/04/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS, CITY OF | Sample Time : 0839-1459 1306 (6/5) | Delivery By : SRW |
| Customer/Permit No. : 1505 / AR0021865 001 | Sample Type : COMP/GRAB WWATER | Work Order : |
| Report Date : 06/16/25 | Sample From : EFFLUENT | 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> |
| 06/10 | 1454 | SRW | Ammonia as N, (HACH 10205) | 2.65 mg/L | (b) | | 06/2007 HACH 10205 | 0.75 | 98.1 |
| 06/06 | 0907 | OKP | Phosphorous, Total (as P) | < 0.05 mg/L | | | EPA 365.3 | 1.44 | 97.6 * |
| 06/06 | 1517 | SRW | Solids, Total Suspended | < 2.5 mg/L | | | SM 2020 2540 D | 1.99 | N/A * |
| 06/05 | 1610 | SRW | Fecal Coliform (MPN/100mL) | < 1.0 /100ml | | | 06/2012 Colilert18 | 0.00 | N/A * |
| 06/06 | 0815 | SRW | BOD, Carbonaceous | < 2.0 mg/L | Q5 | | SM 2016 5210 B | 15.04 | 74.8 * |
| 06/06 | 0934 | OKP | Nitrate + Nitrite | 0.73 mg/L | | | 01/2013 HACH 10206 | 0.95 | 101.0 * |

Q5 - The glucose/ glutamic acid standard exceeded the range of 164 ± 30.5 mg/L.
 * 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 
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| | | |
|---|---------------------------|--------------------------|
| Control Number: 2506020021 | Sample Date : 06/04/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS-INFLUENT | Sample Time : 1235 | Delivery By : SRW |
| Customer Number : 1508 | Sample Type : GRAB WWATER | Work Order : |
| Report Date : 06/16/25 | Sample From : INFLUENT | 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> | |
| 06/06 1510 SRW | BOD, 5-day | 199.9 mg/L | Q5 | | SM 2016 5210 B | 7.47 | 69.6 | |
| 06/10 1454 SRW | Ammonia as N, (HACH 10205) | 20.60 mg/L | | | 06/2007 HACH 10205 | 0.34 | 98.1 * | |
| 06/06 0907 OKP | Phosphorous, Total (as P) | 4.68 mg/L | | | EPA 365.3 | 0.00 | 97.6 * | |
| 06/06 1517 SRW | Solids, Total Suspended | 150.5 mg/L | | | SM 2020 2540 D | 1.99 | N/A | |
| 06/06 0934 OKP | Nitrate + Nitrite | 0.58 mg/L | | | 01/2013 HACH 10206 | 0.95 | 101.0 * | |

Q5 - The glucose/ glutamic acid standard exceeded the range of 198 ± 30.5 mg/L.

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

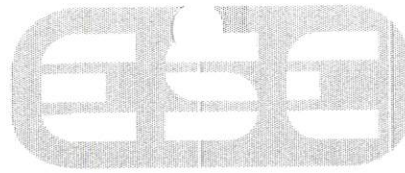
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 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



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/ Outfall 001 | | | F. Coliform(43) | CBOD(70) | NH ₃ | BOD(3) | TSS(28) | | | | |
| Address: | | 3174 E. Van Buren Eureka Springs, Ar 72632 | | | | Purchase Order #: | | | | | | | | | | | | | |
| Telephone: | | (479) 253-7410 | | | | Sampler Name(s): | | TERRY R LONG | | | | | | | | | | | |
| FAX: | | (479) 253-6974 | | | | and Signature(s): | | <i>Terry R Long</i> | | | | | | | | | | | |
| ESC Client Number: | | 1505-Effluent | | 1508-Influent | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Sample Collection | | | | Sample Containers | | | | | | | | | | | | | |
| Identification | ESC Control # | Date | Time | Type | Matrix | Type | Volume | Preservative | # | F. Coliform(43) | CBOD(70) | NH ₃ | BOD(3) | TSS(28) | | | | | |
| 1505 Effluent | 2506020070 | 6/5/25 | 1306 | GRAB | Water | whirlpak | 300 ml | Na ₂ S ₂ O ₃ | 1 | x | | | | | | | | | |
| 1505 Effluent | ↓ | 6/4/25 | 1139 | COMPOSITE | Water | plastic | 1900 ml | none/ice | 1 | | x | | | x | | | | | |
| 1505 Effluent | ↓ | 6/4/25 | 1149 | COMPOSITE | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | | |
| | | | 1459 | | | | | | | | | | | | | | | | |
| 1508 Influent | 2506020071 | 6/4/25 | 1235 | GRAB | Water | plastic | 1000 ml | none/ice | 1 | | | | x | x | | | | | |
| 1508 Influent | ↓ | 6/4/25 | 1235 | GRAB | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Custody Seals: | | Used? <input type="checkbox"/> | | intact? <input type="checkbox"/> | | | | | | | |
| <i>Terry R Long</i> TERRY R LONG | | 6/5/25 | 1342 | <i>Stacy Wain Stormey Warner</i> Stacy Wain Stormey Warner | | 6-5-25 | 1342 | Turnaround: | | Regular <input type="checkbox"/> | | Special <input type="checkbox"/> | | | | | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Were samples properly preserved: | | Yes <input type="checkbox"/> | | No <input type="checkbox"/> | | | | | | | |
| <i>Stacy Wain Stormey Warner</i> Stacy Wain Stormey Warner | | 6-5-25 | 1514 | <i>Olivia Perry</i> Olivia Perry | | 6/5/25 | 1514 | | | | | | | | | | | | |
| 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 ___ of ___ | | | | | | | | | | |

AMS

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: 2506020040 | Composite Date: 06/11/25 - 06/11/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS, CITY OF | Sample Time : 0732-1348 1150(6/12) | Delivery By : AMJ |
| Customer/Permit No. : 1505 / AR0021865 001 | Sample Type : COMP/GRAB WWATER | Work Order : |
| Report Date : 06/20/25 | Sample From : EFFLUENT | 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> |
| 06/16 | 1535 | SRW | Ammonia as N, (HACH 10205) | 0.26 mg/L | | 06/2007 HACH 10205 | 0.00 | 97.9 |
| 06/13 | 0827 | OKP | Phosphorous, Total (as P) | < 0.05 mg/L | | EPA 365.3 | 11.11 | 102.8 * |
| 06/13 | 1459 | SRW | Solids, Total Suspended | < 2.5 mg/L | | SM 2020 2540 D | 11.35 | N/A * |
| 06/12 | 1623 | SRW | Fecal Coliform (MPN/100mL) | < 1.0 /100ml | | 06/2012 Colilert18 | 14.29 | N/A * |
| 06/13 | 0741 | SRW | BOD, Carbonaceous | < 2.0 mg/L | | SM 2016 5210 B | 0.00 | 87.2 * |
| 06/13 | 0954 | OKP | Nitrate + Nitrite | 0.33 mg/L | | 01/2013 HACH 10206 | 0.29 | 101.0 * |

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

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 Little Rock, AR 72211
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 Tel. (479)750-1170 Fax (479)750-1172

| | | |
|---|---------------------------|--------------------------|
| Control Number: 2506020041 | Sample Date : 06/11/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS-INFLUENT | Sample Time : 1310 | Delivery By : AMJ |
| Customer Number : 1508 | Sample Type : GRAB WWATER | Work Order : |
| Report Date : 06/20/25 | Sample From : INFLUENT | 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> | <u>% Recovery</u> |
| 06/13 | 0732 | SRW | BOD, 5-day | 121.0 mg/L | Q5 | SM 2016 5210 B | 8.51 | 75.8 |
| 06/16 | 1535 | SRW | Ammonia as N, (HACH 10205) | 16.90 mg/L | | 06/2007 HACH 10205 | 0.36 | 97.9 * |
| 06/13 | 0827 | OKP | Phosphorous, Total (as P) | 3.53 mg/L | | EPA 365.3 | 11.11 | 102.8 * |
| 06/13 | 1459 | SRW | Solids, Total Suspended | 72.7 mg/L | | SM 2020 2540 D | 2.00 | N/A * |
| 06/13 | 0954 | OKP | Nitrate + Nitrite | 0.44 mg/L | | 01/2013 HACH 10206 | 0.29 | 101.0 * |

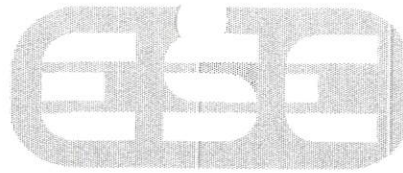
Q5 - The glucose/ glutamic acid standard exceeded the range of 164 ± 30.5 mg/L.

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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/ Outfall 001 | | | | | | F. Coliform(43) | CBOD(70) | NH ₃ | BOD(3) | TSS(28) | | | | |
| 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 | | | | | | | | | | | | | | | | | | |
| 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 | 2506020040 | 6/12/25 | 1150 | GRAB | Water | whirlpak | 300 ml | Na ₂ S ₂ O ₃ | 1 | x | | | | | | | | |
| 1505 Effluent | ↓ | 6-11-25 | 0732 | COMPOSITE | Water | plastic | 1900 ml | none/ice | 1 | | x | | | | | | | x |
| 1505 Effluent | ↓ | 6-11-25 | 1039 | COMPOSITE | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 1508 Influent | 250602009441 | 6-11-25 | 1310 | GRAB | Water | plastic | 1000 ml | none/ice | 1 | | | | | | | | | x x |
| 1508 Influent | ↓ | 6-11-25 | 1310 | GRAB | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Custody Seals: | | Used? <input type="checkbox"/> | | Intact? <input type="checkbox"/> | | | | | | |
| <i>Terry R Long</i> Terry R Long | | 6/12/25 | 1434 | <i>Alison Jones</i> Alison Jones | | 6-12-25 | 1434 | Turnaround: | | Regular <input type="checkbox"/> | | Special <input type="checkbox"/> | | | | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Were samples properly preserved: | | Yes <input type="checkbox"/> | | No <input type="checkbox"/> | | | | | | |
| <i>Alison Jones</i> Alison Jones | | 6-12-25 | 1547 | <i>Stormy Jones</i> Stormy Jones | | 6-12-25 | 1547 | Result | | Result | | Units | | | | | | |
| 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 ___ of ___ | | | | | | |

SWW

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Corporate Office
 13715 West Markham
 Little Rock, AR 72211
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Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

| | | |
|--|-------------------------------------|--------------------------|
| Control Number: 2506020063 | Composite Date: 06/18/85 - 06/18/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS, CITY OF | Sample Time : 0721-1341 1331 | Delivery By : OKP |
| Customer/Permit No. : 1505 / AR0021865 001 | Sample Type : COMP/GRAB WWATER | Work Order : |
| Report Date : 06/25/25 | Sample From : EFFLUENT | Purchase Order : |

| <u>Laboratory Analysis</u> | | | | | | <u>Quality Assurance</u> | | | |
|----------------------------|-------------|-----------|----------------------------|---------------|--------------|--------------------------|--------------------|-------|------------|
| Analysis | | | | | | Precision | Accuracy | | |
| <u>Date</u> | <u>Time</u> | <u>By</u> | <u>Parameter</u> | <u>Result</u> | <u>Notes</u> | <u>Quantity</u> | <u>Method</u> | % RPD | % Recovery |
| 06/24 | 1246 | AMJ | Ammonia as N, (HACH 10205) | 0.18 mg/L | | | 06/2007 HACH 10205 | 0.62 | 94.0 * |
| 06/23 | 1459 | SRW | Phosphorous, Total (as P) | < 0.05 mg/L | | | EPA 365.3 | 1.30 | 102.0 * |
| 06/20 | 1505 | SRW | Solids, Total Suspended | < 2.5 mg/L | | | SM 2020 2540 D | 5.15 | N/A * |
| 06/18 | 1644 | OKP | Fecal Coliform (MPN/100mL) | < 1.0 /100ml | | | 06/2012 Colilert18 | 0.00 | N/A * |
| 06/19 | 1156 | SRW | BOD, Carbonaceous | < 2.0 mg/L | Q5 | | SM 2016 5210 B | 9.70 | 80.0 * |
| 06/20 | 0815 | SRW | Nitrate + Nitrite | 2.73 mg/L | | | 01/2013 HACH 10206 | 0.23 | 102.0 * |

Q5 - The glucose/ glutamic acid standard exceeded the range of 164 ± 30.5 mg/L.

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

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| | | |
|---|---------------------------|--------------------------|
| Control Number: 2506020064 | Sample Date : 06/18/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS-INFLUENT | Sample Time : 1255 | Delivery By : OKP |
| Customer Number : 1508 | Sample Type : GRAB WWATER | Work Order : |
| Report Date : 06/25/25 | Sample From : INFLUENT | Purchase Order : |

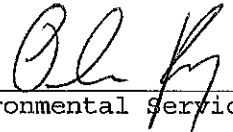
Laboratory Analysis

| Analysis | | | | | | | Quality Assurance | | |
|----------|------|-----|----------------------------|------------|-------|----------|--------------------|--------------------|------------------------|
| Date | Time | By | Parameter | Result | Notes | Quantity | Method | Precision % RPD | Accuracy % Recovery |
| 06/19 | 1111 | SRW | BOD, 5-day | 157.5 mg/L | Q5 | | SM 2016 5210 B | 10.50 | 81.9 * |
| 06/24 | 1246 | AMJ | Ammonia as N, (HACH 10205) | 18.90 mg/L | | | 06/2007 HACH 10205 | 0.53 | 94.0 |
| 06/23 | 1459 | SRW | Phosphorous, Total (as P) | 3.82 mg/L | | | EPA 365.3 | 1.30 | 102.0 |
| 06/20 | 1505 | SRW | Solids, Total Suspended | 134.5 mg/L | | | SM 2020 2540 D | 11.15 | N/A |
| 06/20 | 0815 | SRW | Nitrate + Nitrite | 0.54 mg/L | | | 01/2013 HACH 10206 | 0.23 | 102.0 * |

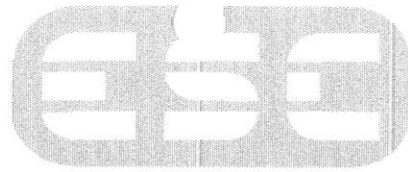
Q5 - The glucose/ glutamic acid standard exceeded the range of 198 ± 30.5 mg/L.

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

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Signature 
 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
 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/ Outfall 001 | | | | F. Coliform(43) | CBOD(70) | NH ₃ | BOD(3) | TSS(28) | | | | | | |
| Address: | | 3174 E. Van Buren | | Purchase Order #: | | | | | | | | | | | | | | | | |
| | | Eureka Springs, Ar 72632 | | Sampler Name(s): | | TERRY R LONG | | | | | | | | | | | | | | |
| Telephone: | | (479) 253-7410 | | and Signature(s): | | Terry R Long | | | | | | | | | | | | | | |
| FAX: | | (479) 253-6974 | | | | | | | | | | | | | | | | | | |
| 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 | 2504020043 | 6/18/25 | 1331 | GRAB | Water | whirlpak | 300 ml | Na ₂ S ₂ O ₃ | 1 | x | | | | | | | | | | |
| 1505 Effluent | ↓ | 6/18/25 | 0721 | COMPOSITE | Water | plastic | 1900 ml | none/ice | 1 | | x | | | x | | | | | | |
| 1505 Effluent | ↓ | 6/18/25 | 1030 | COMPOSITE | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | | | |
| | | | 1341 | | | | | | | | | | | | | | | | | |
| 1508 Influent | 2504020044 | 6/18/25 | 1255 | GRAB | Water | plastic | 1000 ml | none/ice | 1 | | | | | x | x | | | | | |
| 1508 Influent | ↓ | 6/18/25 | 1255 | GRAB | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | | x | | | | | | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Custody Seals: | | | | | | | | | | | | |
| Terry R Long | | 6/18/25 | 1437 | Alma Perry | | 6/18/25 | 1437 | 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: | | | | | | | | | | | | |
| Secure cooler | | 6/18/25 | 1544 | | | | | 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: | | | | | | | | | | | | |
| Secure cooler | | 6/18/25 | 1544 | Stormy Warner | | 6-18-25 | 1639 | 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 __ of __ | | | | | | | | | | | |

SLW

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: 2507020032 | Composite Date: 07/09/25 - 07/09/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS, CITY OF | Sample Time : 0959-1612 0802 | Delivery By : AMJ |
| Customer/Permit No. : 1505 / AR0021865 001 | Sample Type : COMP/GRAB WWATER | Work Order : |
| Report Date : 07/17/25 | Sample From : EFFLUENT | 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> |
| 07/14 | 0836 | AMJ | Ammonia as N, (HACH 10205) | 0.30 mg/L | | | 06/2007 HACH 10205 | 0.00 | 92.4 * |
| 07/11 | 0916 | AMJ | Phosphorous, Total (as P) | < 0.05 mg/L | | | EPA 365.3 | 1.13 | 102.8 * |
| 07/14 | 1545 | SRW | Solids, Total Suspended | < 2.5 mg/L | | | SM 2020 2540 D | 5.41 | N/A * |
| 07/10 | 1540 | SRW | Fecal Coliform (MPN/100mL) | 1.0 /100mL | | | 06/2012 Colilert18 | 61.33 | N/A * |
| 07/11 | 1258 | SRW | BOD, Carbonaceous | < 2.0 mg/L | Q5 | | SM 2016 5210 B | 2.06 | 77.2 * |
| 07/11 | 0953 | AMJ | Nitrate + Nitrite | 0.72 mg/L | | | 01/2013 HACH 10206 | 1.29 | 103.0 * |

Q5 - The glucose/ glutamic acid standard exceeded the range of 164 ± 30.5 mg/L.

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

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

| | | |
|---|---------------------------|--------------------------|
| Control Number: 2507020033 | Sample Date : 07/10/25 | Collected By: TERRY LONG |
| Customer Name : EUREKA SPRINGS-INFLUENT | Sample Time : 1255 | Delivery By : AMJ |
| Customer Number : 1508 | Sample Type : GRAB WWATER | Work Order : |
| Report Date : 07/17/25 | Sample From : INFLUENT | Purchase Order : |

Laboratory Analysis

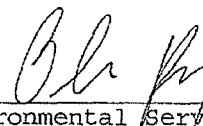
| Analysis | | | | | | | Quality Assurance | | |
|----------|------|-----|----------------------------|------------|-------|----------|--------------------|--------------------|------------------------|
| Date | Time | By | Parameter | Result | Notes | Quantity | Method | Precision % RPD | Accuracy % Recovery |
| 07/11 | 1218 | SRW | BOD, 5-day | 129.7 mg/L | Q5 | | SM 2016 5210 B | 5.55 | 76.4 |
| 07/14 | 0836 | AMJ | Ammonia as N, (HACH 10205) | 32.90 mg/L | | | 06/2007 HACH 10205 | 0.89 | 92.4 * |
| 07/11 | 0916 | AMJ | Phosphorous, Total (as P) | 6.07 mg/L | | | EPA 365.3 | 1.13 | 102.8 * |
| 07/14 | 1545 | SRW | Solids, Total Suspended | 148.0 mg/L | | | SM 2020 2540 D | 5.41 | N/A |
| 07/11 | 0953 | AMJ | Nitrate + Nitrite | 0.53 mg/L | | | 01/2013 HACH 10206 | 1.29 | 103.0 * |

Q5 - The glucose/ glutamic acid standard exceeded the range of 198 ± 30.5 mg/L.

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

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ML

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 13715 West Markham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



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

CHAIN OF CUSTODY

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| Client Information | | | | Project Information | | | | | | Requested Parameters | | | | |
|---|---------------|---|------|---|--------|-------------------------|---------|---|---------|----------------------------------|----------|----------------------------------|--------|---------|
| Company Name: | | Eureka Springs | | Permit/Project #: | | AR#0021865/ Outfall 001 | | | | L: Coliform(43) | CBOD(70) | NH ₃ | BOD(5) | TSS(28) |
| Address: | | 3174 E. Van Buren Eureka Springs, Ar 72632 | | Purchase Order #: | | | | | | | | | | |
| Telephone: | | (479) 253-7410 | | Sampler Name(s): | | TERRY R LONG | | | | | | | | |
| FAX: | | (479) 253-6974 | | and Signature(s): | | <i>Terry R Long</i> | | | | | | | | |
| 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 | 2507020032 | 7/9/25 | 0802 | GRAB | Water | whirlpak | 300 ml | Na ₂ S ₂ O ₃ | 1 | X | | | | |
| 1505 Effluent | L | 7/9/25 | 0959 | COMPOSITE | Water | plastic | 1900 ml | none/ice | 1 | | X | | X | |
| 1505 Effluent | L | 7/9/25 | 1301 | COMPOSITE | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | X | | | |
| | | | 1612 | | | | | | | | | | | |
| 1508 Influent | 2507020033 | 7/9/25 | 1255 | GRAB | Water | plastic | 1000 ml | none/ice | 1 | | | X | X | |
| 1508 Influent | L | 7/9/25 | 1355 | GRAB | Water | plastic | 250 ml | H ₂ SO ₄ , pH <2 | 1 | | X | | | |
| Relinquished By: (Signature and Printed Name) | | Date | Time | Received By: (Signature and Printed Name) | | Date | Time | Custody Seals: | | Used? <input type="checkbox"/> | | Intact? <input type="checkbox"/> | | |
| <i>Terry R Long</i> TERRY R LONG | | 7/10/25 | 1419 | <i>Alison Jones</i> Alison Jones | | 7-10-25 | 1410 | Unaltered <input type="checkbox"/> | | 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"/> | | |
| <i>Alison Jones</i> Alison Jones | | 7-10-25 | 1520 | <i>Sharon Warner</i> Sharon Warner | | 7-10-25 | 1520 | | | | | | | |
| Comments: | | | | FLOW DATA | | Field Test | | Time | Analyst | Result | Result | Units | | |
| | | | | Analyst: | | pH: | | | | | | °C °F | | |
| | | | | Time: | | Temp.: | | | | | | | | |
| | | | | Reading: | | DO: | | | | | | | | |
| | | | | Units: | | Debris: | | | | | | | | |
| Cool all samples to 6 degrees C. | | | | | | Chlorinated? Yes No | | | | This Document is Page ___ of ___ | | | | |