



8100 National Dr. - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

10 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396

Project: Lagoon Discharge Sample  
Project Number: October 2024  
SDG Number: 2410057

Enclosed are the results of analyses for samples received by the laboratory on 02-Oct-24 14:35. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

|                        |       |
|------------------------|-------|
| Custody Seals          | ✓     |
| Containers Correct     | ✓     |
| COC/Labels Agree       | ✓     |
| Received On Ice        | ✓     |
| Temperature on Receipt | 2.0°C |

Sincerely,

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Norma James  
Technical Director

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10 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
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Date Received: 02-Oct-24 14:35



## CASE NARRATIVE

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Sample Delivery Group – 2410057

**One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).**

### BOD/CBOD QUALIFIERS:

| <u>Qualifier</u> | <u>Description</u>  |
|------------------|---|
| B-01             | Method requirements for oxygen depletion failed.  |
| B-02             | Method requirements for residual oxygen failed.   |
| B-03             | Depletion of the blank exceeded method requirements.  |
| B-04             | Test replicates show a >30% difference between the highest and lowest values .  |
| B-06             | Seed correction failed to meet method requirements.   |
| CI-1             | Estimated result due to treatment for excessive chlorine.   |
| %D2 / E5         | Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2).<br>Associated results were qualified as "estimated" (E5). |

### FECAL COLIFORM QUALIFIERS:

| <u>Qualifier</u> | <u>Description</u>   |
|------------------|--|
| FC               | The sample result is actually GREATER THAN the 2420 MPN/100 mL. The sample growth exceeded the limit of the procedure. |
| TNTC             | Too Numerous to Count  |

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## ANALYTICAL RESULTS

|                      |              |                               |                     |                           |              |                                   |  |
|----------------------|--------------|-------------------------------|---------------------|---------------------------|--------------|-----------------------------------|--|
| Lab Number:          |              | 2410057-01                    |                     |                           |              |                                   |  |
| Sample Name:         |              | Lagoon Discharge Grab (Wynne) |                     |                           |              |                                   |  |
| Date/Time Collected: |              | 10/2/24 10:00                 |                     |                           |              |                                   |  |
| Sample Matrix:       |              | Water                         |                     |                           |              |                                   |  |
| <u>Wet Chemistry</u> | <u>Units</u> | <u>Result</u>                 | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>                     |  |
| Ammonia as N         | mg/L         | < 0.500                       |                     | 10/3/24 8:18              | B410054      | SM 4500-NH3 B,D,C-2021/EPA 2550.4 |  |
| Fecal Coliforms      | MPN/100 mL   | TNTC                          | FC, TNTC            | 10/2/24 15:02             | B410111      | IDEXX Colilert-18                 |  |
| TSS                  | mg/L         | 25.5                          |                     | 10/4/24 8:50              | B410051      | SM 2540 D-2015                    |  |
| CBOD                 | mg/L         | 8.60                          | B-04                | 10/3/24 6:55              | B410042      | SM 5210B-2016                     |  |

## ANALYTICAL RESULTS

|                       |              |   |                     |                           |              |                   |  |
|-----------------------|--------------|---|---------------------|---------------------------|--------------|-------------------|--|
| Lab Number:           |              | 2410057-02                                      |                     |                           |              |                   |  |
| Sample Name:          |              | Lagoon Discharge Field Analysis (AR Analytical) |                     |                           |              |                   |  |
| Date/Time Collected:  |              | 10/2/24 11:18                                   |                     |                           |              |                   |  |
| Sample Matrix:        |              | Water   |                     |                           |              |                   |  |
| <u>Field Analyses</u> | <u>Units</u> | <u>Result</u>                                   | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>     |  |
| Dissolved Oxygen      | mg/L         | 9.02  |                     | 10/2/24 11:18             | B410138      | SM 4500-O G-2011  |  |
| pH                    | S.U.         | 7.50  |                     | 10/2/24 11:18             | B410136      | SM 4500-H+ B-2011 |  |
| Temperature           | °C           | 22.7  |                     | 10/2/24 11:18             | B410137      | SM 2550B-2000     |  |

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## QUALITY CONTROL RESULTS

### Wet Chemistry -- Batch: B410042 (Water)

Prepared: 03-Oct-24 06:55 By: MB -- Analyzed: 03-Oct-24 06:55 By: CGF

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| CBOD           | <2.00 mg/L | 150% / 141%       | NA / NA         |            | 6.46%      |                   |

### Wet Chemistry -- Batch: B410051 (Water)

Prepared: 04-Oct-24 08:50 By: MH -- Analyzed: 04-Oct-24 08:50 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| TSS            | <1.00 mg/L | 94.0% / 92.0%     | NA / NA         |            | 2.15%      |                   |

### Wet Chemistry -- Batch: B410054 (Water)

Prepared: 03-Oct-24 08:18 By: KJ -- Analyzed: 03-Oct-24 08:18 By: KJ

| <u>Analyte</u> | <u>BLK</u>  | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|-------------|-------------------|-----------------|------------|------------|-------------------|
| Ammonia as N   | <0.500 mg/L | 93.4% / NA        | 99.7% / 99.8%   |            | 0.170%     |                   |

### Wet Chemistry -- Batch: B410111 (Water)

Prepared: 02-Oct-24 15:02 By: KJ -- Analyzed: 02-Oct-24 15:02 By: KJ

| <u>Analyte</u>  | <u>BLK</u>    | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u>         | <u>RPD</u> | <u>Qualifiers</u> |
|-----------------|---------------|-------------------|-----------------|--------------------|------------|-------------------|
| Fecal Coliforms | <1 MPN/100 mL | NA / NA           | NA / NA         | TNTC<br>MPN/100 mL | 0.00%      | FC, TNTC          |

### Field Analyses -- Batch: B410136 (Water)

Prepared: 02-Oct-24 09:23 By: MH -- Analyzed: 02-Oct-24 09:23 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| pH (Field)     | NA         | 101% / 101%       | NA / NA         |            | 0.142%     |                   |

### Field Analyses -- Batch: B410137 (Water)

Prepared: 02-Oct-24 09:34 By: MH -- Analyzed: 02-Oct-24 09:34 By: MH

| <u>Analyte</u>      | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|---------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Temperature (Field) | NA         | NA / NA           | NA / NA         | 23.4 °C    | 0.00%      |                   |

### Field Analyses -- Batch: B410138 (Water)

Prepared: 02-Oct-24 09:34 By: MH -- Analyzed: 02-Oct-24 09:34 By: MH

| <u>Analyte</u>           | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|--------------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Dissolved Oxygen (Field) | NA         | NA / NA           | NA / NA         | 7.48 mg/L  | 0.536%     |                   |

10 October 2024

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**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: October 2024**  
**Date Received: 02-Oct-24 14:35**



---

**QUALIFIER(S)**

\*B-04: Test replicates show a >30% difference between the highest and lowest values  
\*FC: The sample result is actually GREATER THAN 2420 MPN/100mL. The sample growth exceeded the limit of the procedure.  
\*TNTC: Too Numerous To Count

---

All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Reviewed by: \_\_\_\_\_  
Norma James  
Technical Director



8100 National Dr.  
Little Rock, AR 72209  
PHONE: 501-455-3233  
FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION  |  |                   |        | Project Description             |      | Turnaround Time                                | Preservation Codes:  |   |           |                               |              |   |                |       |          |      |                        |
|---|--|-------------------|--------|---------------------------------|------|--|--|---|-----------|-------------------------------|--------------|---|----------------|-------|----------|------|------------------------|
| Wynne Water Utilities                                       |  |                   |        | Lagoon Discharge Sample         |      | 1 Day (100%)                                   | 1. Cool, 6 Degrees Centigrade                              |   |           |                               |              | 4. Thiosulfate for Dechlorination         |                |       |          |      |                        |
| 121 East Merriman   |  |                   |        | Weekly Sample                   |      | 2 Day (50%)                                    | 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 |   |           |                               |              | 5. Hydrochloric Acid(HCl)                 |                |       |          |      |                        |
| Wynne, AR 72396   |  |                   |        | Reporting Information           |      | 3 Day (25%)                                    | 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2                 |   |           |                               |              | 6. Sodium Hydroxide (NaOH), pH > 12       |                |       |          |      |                        |
| Attn: Josh Weaver   |  |                   |        | Telephone: 870-238-2751         |      | 5 Day (Routine)                                | TEST PARAMETERS  |   |           |                               |              |   |                |       |          |      | Bottle Type Code       |
|   |  |                   |        | Fax: 870-238-2044               |      | Preservative Code:                             | 1  | 1   | 1,2       | 1,4                           |              |   |                |       |          |      | G = Glass; P = Plastic |
|   |  |                   |        | Email: jweaver.wvu@gmail.com    |      | Bottle Type:                                   | P  | P   | P         | P                             |              |   |                |       |          |      | V = Septum; A = Amber  |
| Sampler(s) Signature:                                       |  |                   |        | Sampler(s) Printed: Josh Weaver |      | Arkansas Analytical Work Order Number: 2410057 |  |   |           |                               |              |   |                |       |          |      |                        |
| Field Number  |  | SAMPLE COLLECTION |        | Grab                            | Comp | Number of Bottles                              | Sample Matrix  | SAMPLE IDENTIFICATION/ DESCRIPTION              |           | Field (pH, D.O., Temperature) | CBOD, TSS    | Ammonia                                   | Fecal Coliform |       |          |      |                        |
|   |  | Date/s            | Time/s |                                 |      |  |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  | 10/2              | 10 AM  | X                               |      | 3  | Water  | Lagoon Discharge Grab (Wynne)                   |           |                               | X            | X   | X              |       |          |      | 01                     |
|   |  | 10/2/24           | 1118   | X                               |      | 0  | Water  | Lagoon Discharge Field Analysis (AR Analytical) |           | X                             |              |   |                |       |          |      | 02                     |
| ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 10/2/24 |  |                   |        |                                 |      |  |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      |  |  | Sample  | Duplicate | QC                            | QC Duplicate | Field Calibration Record -- DATE: 10/2/24 |                |       |          |      |                        |
|   |  |                   |        |                                 |      |  |  | pH (S.U.)                                       | 750       | 746                           | 706          | 705                                       | pH / Time      | D.O.  | Chlorine |      |                        |
|   |  |                   |        |                                 |      |  |  | Time  | 1118      | 1124                          | 921          | 923                                       |                |       |          |      |                        |
|   |  |                   |        |                                 |      |  |  | Temperature (°C)                                | 22.7      | 22.8                          | 18.5         | 18.5                                      | 4              | Time  | QC       | Time |                        |
|   |  |                   |        |                                 |      |  |  | Time  | 1118      | 1124                          | 921          | 923                                       | 7              |       | 1        |      |                        |
|   |  |                   |        |                                 |      |  |  | Dissolved Oxygen (mg/L)                         | 9.02      | 9.06                          |              |   | 10             | Slope | 2        |      |                        |
|   |  |                   |        |                                 |      |  |  | Time  | 1118      | 1124                          |              |   |                |       |          |      |                        |
| 1. Relinquished by: (Signature)                             |  | Date/Time         |        | 2. Received by: (Signature)     |      | SAMPLE CONDITION UPON RECEIPT IN LAB           |  |   |           |                               |              | REMARKS / SAMPLE COMMENTS                 |                |       |          |      |                        |
|   |  | 10/2              |        |                                 |      | 1. CUSTODY SEALS: Yes ___ No ___               |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      | 2. CONTAINERS CORRECT: Yes ___ No ___          |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      | 3. COC/LABELS AGREE: Yes ___ No ___            |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      | 4. RECEIVED ON ICE: Yes ___ No ___             |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      | 5. TEMPERATURE ON RECEIPT: 2 °C 5              |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  |                   |        |                                 |      | 6. TEMPERATURE GUN ID: HHT#                    |  |   |           |                               |              |   |                |       |          |      |                        |
| 3. Relinquished by: (Signature)                             |  | Date/Time         |        | 4. Received by lab: (Signature) |      | FOR COMPLETION BY LAB ONLY                     |  |   |           |                               |              |   |                |       |          |      |                        |
|   |  | 1435 10/2/24      |        |                                 |      |  |  |   |           |                               |              |   |                |       |          |      |                        |



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15 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396

Project: Lagoon Discharge Sample  
Project Number: October 2024  
SDG Number: 2410226

Enclosed are the results of analyses for samples received by the laboratory on 09-Oct-24 15:12. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

|                        |       |
|------------------------|-------|
| Custody Seals          | ✓     |
| Containers Correct     | ✓     |
| COC/Labels Agree       | ✓     |
| Received On Ice        | ✓     |
| Temperature on Receipt | 1.0°C |

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

---

Norma James  
Technical Director

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15 October 2024

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Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 09-Oct-24 15:12



## ANALYTICAL RESULTS

|                      |              |                               |                     |                           |              |                             |
|----------------------|--------------|-------------------------------|---------------------|---------------------------|--------------|-----------------------------|
| Lab Number:          |              | 2410226-01                    |                     |                           |              |                             |
| Sample Name:         |              | Lagoon Discharge Grab (Wynne) |                     |                           |              |                             |
| Date/Time Collected: |              | 10/9/24 10:00                 |                     |                           |              |                             |
| Sample Matrix:       |              | Water                         |                     |                           |              |                             |
| <u>Wet Chemistry</u> | <u>Units</u> | <u>Result</u>                 | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>               |
| Ammonia as N         | mg/L         | < 0.500                       |                     | 10/11/24 8:32             | B410247      | SM 4500-NH3 B,D,C-2021/EPA  |
| Fecal Coliforms      | MPN/100 mL   | 1200                          |                     | 10/9/24 15:15             | B410219      | 2550.1<br>IDEXX Colilert-18 |
| TSS                  | mg/L         | 22.0                          |                     | 10/11/24 10:02            | B410198      | SM 2540 D-2015              |
| CBOD                 | mg/L         | 11.2                          |                     | 10/10/24 6:50             | B410199      | SM 5210B-2016               |

## ANALYTICAL RESULTS

|                       |              |   |                     |                           |              |                   |
|-----------------------|--------------|---|---------------------|---------------------------|--------------|-------------------|
| Lab Number:           |              | 2410226-02                                      |                     |                           |              |                   |
| Sample Name:          |              | Lagoon Discharge Field Analysis (AR Analytical) |                     |                           |              |                   |
| Date/Time Collected:  |              | 10/9/24 12:05                                   |                     |                           |              |                   |
| Sample Matrix:        |              | Water   |                     |                           |              |                   |
| <u>Field Analyses</u> | <u>Units</u> | <u>Result</u>                                   | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>     |
| Dissolved Oxygen      | mg/L         | 14.0  |                     | 10/9/24 12:05             | B410295      | SM 4500-O G-2011  |
| pH                    | S.U.         | 8.59  |                     | 10/9/24 12:05             | B410293      | SM 4500-H+ B-2011 |
| Temperature           | °C           | 22.6  |                     | 10/9/24 12:05             | B410294      | SM 2550B-2000     |



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Wynne, AR 72396  
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Project Number: October 2024  
Date Received: 09-Oct-24 15:12



## QUALITY CONTROL RESULTS

### Wet Chemistry -- Batch: B410198 (Water)

Prepared: 11-Oct-24 10:02 By: MH -- Analyzed: 11-Oct-24 10:02 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| TSS            | <1.00 mg/L | 89.0% / 91.0%     | NA / NA         |            | 2.22%      |                   |

### Wet Chemistry -- Batch: B410199 (Water)

Prepared: 10-Oct-24 06:50 By: CGF -- Analyzed: 10-Oct-24 06:50 By: CGF

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| CBOD           | <2.00 mg/L | 117% / 114%       | NA / NA         |            | 2.54%      |                   |

### Wet Chemistry -- Batch: B410219 (Water)

Prepared: 09-Oct-24 15:15 By: KJ -- Analyzed: 09-Oct-24 15:15 By: KJ

| <u>Analyte</u>  | <u>BLK</u>    | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u>    | <u>RPD</u> | <u>Qualifiers</u> |
|-----------------|---------------|-------------------|-----------------|---------------|------------|-------------------|
| Fecal Coliforms | <1 MPN/100 mL | NA / NA           | NA / NA         | ND MPN/100 mL | NA         |                   |

### Wet Chemistry -- Batch: B410247 (Water)

Prepared: 11-Oct-24 08:32 By: KJ -- Analyzed: 11-Oct-24 08:32 By: KJ

| <u>Analyte</u> | <u>BLK</u>  | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|-------------|-------------------|-----------------|------------|------------|-------------------|
| Ammonia as N   | <0.500 mg/L | 96.7% / NA        | 100% / 101%     |            | 0.819%     |                   |

### Field Analyses -- Batch: B410293 (Water)

Prepared: 09-Oct-24 08:31 By: MH -- Analyzed: 09-Oct-24 08:31 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| pH (Field)     | NA         | 101% / 101%       | NA / NA         |            | 0.283%     |                   |

### Field Analyses -- Batch: B410294 (Water)

Prepared: 09-Oct-24 11:00 By: MH -- Analyzed: 09-Oct-24 11:00 By: MH

| <u>Analyte</u>      | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|---------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Temperature (Field) | NA         | NA / NA           | NA / NA         | 21.0 °C    | 0.477%     |                   |

### Field Analyses -- Batch: B410295 (Water)

Prepared: 09-Oct-24 11:00 By: MH -- Analyzed: 09-Oct-24 11:00 By: MH

| <u>Analyte</u>           | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|--------------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Dissolved Oxygen (Field) | NA         | NA / NA           | NA / NA         | 5.99 mg/L  | 0.502%     |                   |

15 October 2024

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**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: October 2024**  
**Date Received: 09-Oct-24 15:12**



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All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Reviewed by:

Norma James  
Technical Director

## CHAIN OF CUSTODY RECORD

|                                 |         |                   |                                 |      |      |                                 |               |  |   |   |              |   |                                     |                           |       |  |          |  |  |
|---------------------------------|---------|-------------------|---------------------------------|------|------|---------------------------------|---------------|--|---|---|--------------|---|-------------------------------------|---------------------------|-------|--|----------|--|--|
| CLIENT INFORMATION              |         |                   | Project Description             |      |      | Turnaround Time                 |               | Preservation Codes:  |   |   |              |   |                                     |                           |       |  |          |  |  |
| Wynne Water Utilities           |         |                   | Lagoon Discharge Sample         |      |      | 1 Day (100%)                    |               | 1. Cool, 6 Degrees Centigrade                              |   |   |              |   | 4. Thiosulfate for Dechlorination   |                           |       |  |          |  |  |
| 121 East Merriman               |         |                   | Weekly Sample                   |      |      | 2 Day (50%)                     |               | 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 |   |   |              |   | 5. Hydrochloric Acid(HCl)           |                           |       |  |          |  |  |
| Wynne, AR 72396                 |         |                   | Reporting Information           |      |      | 3 Day (25%)                     |               | 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2                 |   |   |              |   | 6. Sodium Hydroxide (NaOH), pH > 12 |                           |       |  |          |  |  |
|                                 |         |                   | Telephone: 870-238-2751         |      |      | 5 Day (Routine)                 |               | TEST PARAMETERS  |   |   |              |   |                                     |                           |       |  |          | Bottle Type Code                       |  |
| Attn: Josh Weaver               |         |                   | Fax: 870-238-2044               |      |      | Preservative Code:              |               | 1  | 1   | 1,2   | 1,4          |   |                                     |                           |       |  |          | G = Glass; P = Plastic                 |  |
|                                 |         |                   | Email: jweaver.wwu@gmail.com    |      |      | Bottle Type:                    |               | P  | P   | P   | P            |   |                                     |                           |       |  |          | V = Septum; A = Amber                  |  |
| Sampler(s) Signature            |         |                   | Sampler(s) Printed: JOSH WEAVER |      |      |                                 |               |  |   |   |              |   |                                     |                           |       |  |          |  |  |
| Field Number                    |         | SAMPLE COLLECTION |                                 | Grab | Comp | Number of Bottles               | Sample Matrix | SAMPLE IDENTIFICATION/ DESCRIPTION                         |   | Field (pH, D.O., Temperature)                               | CBOD, TSS    | Ammonia                                   | Fecal Coliform                      |                           |       |  |          | Arkansas Analytical Work Order Number: |  |
|                                 | Date/s  |                   | Time/s                          |      |      |                                 |               |  |   |   |              |   |                                     |                           |       |  |          |  |  |
|                                 | 10/9    |                   | 10AM                            | X    |      | 3                               | Water         | Lagoon Discharge Grab (Wynne)                              |   |   | X            | X   | X                                   |                           |       |  |          | 2410226                                |  |
|                                 | 10/9/24 |                   | 1205                            | X    |      | 0                               | Water         | Lagoon Discharge Field Analysis (AR Analytical)            |   | X   |              |   |                                     |                           |       |  |          | 01                                     |  |
|                                 |         |                   |                                 |      |      |                                 |               |  |   | ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 10/9/24 |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Sample   | Duplicate   | QC  | QC Duplicate | Field Calibration Record -- DATE: 10/9/24 |                                     |                           |       |  |          |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | pH (S.U.)  | 8.59  | 8.63  | 7.08         | 7.06                                      | pH / Time                           |                           | D.O.  |  | Chlorine |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Time   | 1205  | 1210  | 830          | 831                                       | 4                                   |                           | Time  |  | QC Time  |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Temperature (°C)   | 22.6  | 22.4  | 17.9         | 18.1                                      | 7                                   |                           | Slope |  | 1        |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Time   | 1205  | 1210  | 830          | 831                                       | 10                                  |                           |       |  | 2        |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Dissolved Oxygen (mg/L)                                    | 13.95   | 14.0  |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   |                                 |      |      |                                 |               | Time   | 1205  | 1210  |              |   | 827                                 |                           |       |  |          |  |  |
| 1. Relinquished by: (Signature) |         |                   | Date/Time                       |      |      | 2. Received by: (Signature)     |               |  | SAMPLE CONDITION UPON RECEIPT IN LAB                                  |   |              |   |                                     | REMARKS / SAMPLE COMMENTS |       |  |          |  |  |
|                                 |         |                   | 10/9                            |      |      |                                 |               |  | 1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No      |   |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   |                                 |      |      |                                 |               |  | 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No |   |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   |                                 |      |      |                                 |               |  | 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No   |   |              |   |                                     |                           |       |  |          |  |  |
| 3. Relinquished by: (Signature) |         |                   | Date/Time                       |      |      | 4. Received by lab: (Signature) |               |  | 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No    |   |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   | 1512                            |      |      | Jami Nelson                     |               |  | 5. TEMPERATURE ON RECEIPT: 1 °C                                       |   |              |   |                                     |                           |       |  |          |  |  |
|                                 |         |                   | 10/9/24                         |      |      |                                 |               |  | 6. TEMPERATURE GUN ID: HHT# 5   |   |              |   |                                     |                           |       |  |          |  |  |
| Revision 3 4/14/16              |         |                   |                                 |      |      |                                 |               |  |   |   |              |   |                                     |                           |       |  |          |  |  |



8100 National Dr. - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

23 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396

Project: Lagoon Discharge Sample  
Project Number: October 2024  
SDG Number: 2410397

Enclosed are the results of analyses for samples received by the laboratory on 16-Oct-24 15:26. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

|                        |       |
|------------------------|-------|
| Custody Seals          | ✓     |
| Containers Correct     | ✓     |
| COC/Labels Agree       | ✓     |
| Received On Ice        | ✓     |
| Temperature on Receipt | 2.0°C |

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

---

Norma James  
Technical Director

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23 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 16-Oct-24 15:26



## ANALYTICAL RESULTS

|                      |              |                               |                     |                           |              |                            |  |
|----------------------|--------------|-------------------------------|---------------------|---------------------------|--------------|----------------------------|--|
| Lab Number:          |              | 2410397-01                    |                     |                           |              |                            |  |
| Sample Name:         |              | Lagoon Discharge Grab (Wynne) |                     |                           |              |                            |  |
| Date/Time Collected: |              | 10/16/24 10:00                |                     |                           |              |                            |  |
| Sample Matrix:       |              | Water                         |                     |                           |              |                            |  |
| <u>Wet Chemistry</u> | <u>Units</u> | <u>Result</u>                 | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>              |  |
| Ammonia as N         | mg/L         | < 0.500                       |                     | 10/18/24 8:08             | B410396      | SM 4500-NH3 B,D,C-2021/EPA |  |
| Fecal Coliforms      | MPN/100 mL   | <b>2000</b>                   |                     | 10/16/24 16:00            | B410363      | IDEXX Colilert-18          |  |
| TSS                  | mg/L         | <b>29.6</b>                   |                     | 10/18/24 8:55             | B410373      | SM 2540 D-2015             |  |
| CBOD                 | mg/L         | <b>10.4</b>                   |                     | 10/18/24 6:48             | B410390      | SM 5210B-2016              |  |

## ANALYTICAL RESULTS

|                       |              |   |                     |                           |              |                   |  |
|-----------------------|--------------|---|---------------------|---------------------------|--------------|-------------------|--|
| Lab Number:           |              | 2410397-02                                      |                     |                           |              |                   |  |
| Sample Name:          |              | Lagoon Discharge Field Analysis (AR Analytical) |                     |                           |              |                   |  |
| Date/Time Collected:  |              | 10/16/24 12:05                                  |                     |                           |              |                   |  |
| Sample Matrix:        |              | Water   |                     |                           |              |                   |  |
| <u>Field Analyses</u> | <u>Units</u> | <u>Result</u>                                   | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>     |  |
| Dissolved Oxygen      | mg/L         | <b>14.1</b>                                     |                     | 10/16/24 12:05            | B410443      | SM 4500-O G-2011  |  |
| pH                    | S.U.         | <b>8.96</b>                                     |                     | 10/16/24 12:05            | B410438      | SM 4500-H+ B-2011 |  |
| Temperature           | °C           | <b>17.6</b>                                     |                     | 10/16/24 12:05            | B410441      | SM 2550B-2000     |  |

23 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample

Project Number: October 2024

Date Received: 16-Oct-24 15:26



## QUALITY CONTROL RESULTS

### Wet Chemistry -- Batch: B410363 (Water)

Prepared: 16-Oct-24 15:00 By: KJ -- Analyzed: 16-Oct-24 15:00 By: KJ

| <u>Analyte</u>  | <u>BLK</u>    | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u>    | <u>RPD</u> | <u>Qualifiers</u> |
|-----------------|---------------|-------------------|-----------------|---------------|------------|-------------------|
| Fecal Coliforms | <1 MPN/100 mL | NA / NA           | NA / NA         | ND MPN/100 mL | NA         |                   |

### Wet Chemistry -- Batch: B410373 (Water)

Prepared: 18-Oct-24 08:55 By: MH -- Analyzed: 18-Oct-24 08:55 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| TSS            | <1.00 mg/L | 94.0% / 93.0%     | NA / NA         |            | 1.07%      |                   |

### Wet Chemistry -- Batch: B410390 (Water)

Prepared: 18-Oct-24 06:48 By: CGF -- Analyzed: 18-Oct-24 06:48 By: CGF

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| CBOD           | <2.00 mg/L | 128% / 131%       | NA / NA         |            | 2.72%      |                   |

### Wet Chemistry -- Batch: B410396 (Water)

Prepared: 18-Oct-24 08:08 By: KJ -- Analyzed: 18-Oct-24 08:08 By: KJ

| <u>Analyte</u> | <u>BLK</u>  | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|-------------|-------------------|-----------------|------------|------------|-------------------|
| Ammonia as N   | <0.500 mg/L | 97.5% / NA        | 104% / 102%     |            | 2.21%      |                   |

### Field Analyses -- Batch: B410438 (Water)

Prepared: 16-Oct-24 09:20 By: MH -- Analyzed: 16-Oct-24 09:20 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| pH (Field)     | NA         | 101% / 101%       | NA / NA         |            | 0.282%     |                   |

### Field Analyses -- Batch: B410441 (Water)

Prepared: 16-Oct-24 14:17 By: MH -- Analyzed: 16-Oct-24 14:17 By: MH

| <u>Analyte</u>      | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|---------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Temperature (Field) | NA         | NA / NA           | NA / NA         | 17.8 °C    | 0.560%     |                   |

### Field Analyses -- Batch: B410443 (Water)

Prepared: 16-Oct-24 14:17 By: MH -- Analyzed: 16-Oct-24 14:17 By: MH

| <u>Analyte</u>           | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|--------------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Dissolved Oxygen (Field) | NA         | NA / NA           | NA / NA         | 8.19 mg/L  | 0.490%     |                   |

23 October 2024

**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: October 2024**  
**Date Received: 16-Oct-24 15:26**



---

All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Reviewed by:

Norma James  
Technical Director





8100 National Dr.  
Little Rock, AR 72209  
PHONE: 501-455-3233  
FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION   |                   |        |      | Project Description             |                   | Turnaround Time                 | Preservation Codes:  |              |                               |  |         |                                     |  |                           |  |      |                        |  |
|--|-------------------|--------|------|---------------------------------|-------------------|---------------------------------|--|--------------|-------------------------------|--|---------|-------------------------------------|--|---------------------------|--|------|------------------------|--|
| Wynne Water Utilities  |                   |        |      | Lagoon Discharge Sample         |                   | 1 Day (100%)                    | 1. Cool, 6 Degrees Centigrade                              |              |                               |  |         | 4. Thiosulfate for Dechlorination   |  |                           |  |      |                        |  |
| 121 East Merriman  |                   |        |      | Weekly Sample                   |                   | 2 Day (50%)                     | 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 |              |                               |  |         | 5. Hydrochloric Acid(HCl)           |  |                           |  |      |                        |  |
| Wynne, AR 72396  |                   |        |      | Reporting Information           |                   | 3 Day (25%)                     | 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2                 |              |                               |  |         | 6. Sodium Hydroxide (NaOH), pH > 12 |  |                           |  |      |                        |  |
| Attn: Josh Weaver  |                   |        |      | Telephone: 870-238-2751         |                   | 5 Day (Routine)                 | TEST PARAMETERS  |              |                               |  |         |                                     |  |                           |  |      | Bottle Type Code       |  |
|  |                   |        |      | Fax: 870-238-2044               |                   | Preservative Code:              | 1  | 1            | 1,2                           | 1,4  |         |                                     |  |                           |  |      | G = Glass; P = Plastic |  |
|  |                   |        |      | Email: jweaver.wyu@gmail.com    |                   | Bottle Type:                    | P  | P            | P                             | P  |         |                                     |  |                           |  |      | V = Septum; A = Amber  |  |
| Sampler(s) Signature:  |                   |        |      | Sampler(s) Printed: Josh Weaver |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        | Arkansas Analytical Work Order Number: |
|  |                   |        |      | MAHDI HADDADI                   |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        | 2410397                                |
| Field Number   | SAMPLE COLLECTION |        | Grab | Comp                            | Number of Bottles | Sample Matrix                   | IDENTIFICATION/ DESCRIPTION                                |              | Field (pH, D.O., Temperature) | CBOD, TSS  | Ammonia | Fecal Coliform                      |  |                           |  |      |                        |  |
|  | 10/16             | 10 AM  | X    |                                 | 3                 | Water                           | Lagoon Discharge Grab (Wynne)                              |              | X                             | X  | X       |                                     |  |                           |  |      | 01                     |  |
|  | 10/16/24          | 1205   | X    |                                 | 0                 | Water                           | Lagoon Discharge Field Analysis (AR Analytical)            | X            |                               |  |         |                                     |  |                           |  |      | 02                     |  |
| ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 10/16/24 |                   |        |      |                                 |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        |  |
|  |                   | Sample |      | Duplicate                       |                   | QC                              |  | QC Duplicate |                               | Field Calibration Record -- DATE: 10/16/24                       |         |                                     |  |                           |  |      |                        |  |
| pH (S.U.)  |                   | 8.96   |      | 9.01                            |                   | 7.9                             |  | 7.02         |                               | pH / Time  |         | D.O.                                |  | Chlorine                  |  |      |                        |  |
| Time   |                   | 1205   |      | 1210                            |                   | 918                             |  | 920          |                               | 4  |         | Time                                |  | QC                        |  | Time |                        |  |
| Temperature (°C)   |                   | 17.6   |      | 17.7                            |                   | 17.1                            |  | 17.0         |                               | 7  |         | Slope                               |  | 1                         |  |      |                        |  |
| Time   |                   | 1205   |      | 1210                            |                   | 918                             |  | 920          |                               | 10   |         |                                     |  | 2                         |  |      |                        |  |
| Dissolved Oxygen (mg/L)                                      |                   | 1410   |      | 1416                            |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        |  |
| Time   |                   | 1205   |      | 1210                            |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        |  |
| 1. Relinquished by: (Signature)                              |                   |        |      | Date/Time                       |                   | 2. Received by: (Signature)     |  |              |                               | SAMPLE CONDITION UPON RECEIPT IN LAB                             |         |                                     |  | REMARKS / SAMPLE COMMENTS |  |      |                        |  |
|  |                   |        |      | 10/16                           |                   |                                 |  |              |                               | 1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No |         |                                     |  |                           |  |      |                        |  |
|  |                   |        |      |                                 |                   |                                 |  |              |                               | 2. CONTAINERS CORRECT: ___ Yes ___ No                            |         |                                     |  |                           |  |      |                        |  |
|  |                   |        |      |                                 |                   |                                 |  |              |                               | 3. COC/LABELS AGREE: ___ Yes ___ No                              |         |                                     |  |                           |  |      |                        |  |
| 3. Relinquished by: (Signature)                              |                   |        |      | Date/Time                       |                   | 4. Received by lab: (Signature) |  |              |                               | 4. RECEIVED ON ICE: ___ Yes ___ No                               |         |                                     |  |                           |  |      |                        |  |
|  |                   |        |      | 1/526<br>10/16/24               |                   |                                 |  |              |                               | 5. TEMPERATURE ON RECEIPT: 2 °C                                  |         |                                     |  |                           |  |      |                        |  |
|  |                   |        |      |                                 |                   |                                 |  |              |                               | 6. TEMPERATURE GUN ID: HHT# 5                                    |         |                                     |  |                           |  |      |                        |  |
| Revision 3<br>1/4/16   |                   |        |      |                                 |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        |  |
| FOR COMPLETION BY LAB ONLY                                   |                   |        |      |                                 |                   |                                 |  |              |                               |  |         |                                     |  |                           |  |      |                        |  |





8100 National Dr. - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

30 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396

Project: Lagoon Discharge Sample  
Project Number: October 2024  
SDG Number: 2410538

Enclosed are the results of analyses for samples received by the laboratory on 23-Oct-24 15:55. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

|                        |       |
|------------------------|-------|
| Custody Seals          | ✓     |
| Containers Correct     | ✓     |
| COC/Labels Agree       | ✓     |
| Received On Ice        | ✓     |
| Temperature on Receipt | 2.0°C |

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

---

Norma James  
Technical Director

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30 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 23-Oct-24 15:55



## CASE NARRATIVE

---

Sample Delivery Group – 2410538

**One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).**

### QUALIFIERS:

| <u>Qualifier</u> | <u>Description</u>   |
|------------------|--|
| FC               | The sample result is actually GREATER THAN the 2420 MPN/100 mL. The sample growth exceeded the limit of the procedure. |
| TNTC             | Too Numerous to Count  |

30 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 23-Oct-24 15:55



## ANALYTICAL RESULTS

|                      |              |                               |                     |                           |              |                            |  |
|----------------------|--------------|-------------------------------|---------------------|---------------------------|--------------|----------------------------|--|
| Lab Number:          |              | 2410538-01                    |                     |                           |              |                            |  |
| Sample Name:         |              | Lagoon Discharge Grab (Wynne) |                     |                           |              |                            |  |
| Date/Time Collected: |              | 10/23/24 10:00                |                     |                           |              |                            |  |
| Sample Matrix:       |              | Water                         |                     |                           |              |                            |  |
| <u>Wet Chemistry</u> | <u>Units</u> | <u>Result</u>                 | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>              |  |
| Ammonia as N         | mg/L         | < 0.500                       |                     | 10/25/24 13:13            | B410522      | SM 4500-NH3 B,D,C-2021/EPA |  |
| Fecal Coliforms      | MPN/100 mL   | TNTC                          | FC, TNTC            | 10/23/24 15:15            | B410521      | IDEXX Colilert-18          |  |
| TSS                  | mg/L         | 35.7                          |                     | 10/24/24 16:30            | B410505      | SM 2540 D-2015             |  |
| CBOD                 | mg/L         | 10.4                          |                     | 10/24/24 6:35             | B410485      | SM 5210B-2016              |  |

## ANALYTICAL RESULTS

|                       |              |   |                     |                           |              |                   |  |
|-----------------------|--------------|---|---------------------|---------------------------|--------------|-------------------|--|
| Lab Number:           |              | 2410538-02                                      |                     |                           |              |                   |  |
| Sample Name:          |              | Lagoon Discharge Field Analysis (AR Analytical) |                     |                           |              |                   |  |
| Date/Time Collected:  |              | 10/23/24 12:52                                  |                     |                           |              |                   |  |
| Sample Matrix:        |              | Water   |                     |                           |              |                   |  |
| <u>Field Analyses</u> | <u>Units</u> | <u>Result</u>                                   | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>     |  |
| Dissolved Oxygen      | mg/L         | 15.4  |                     | 10/23/24 12:55            | B410546      | SM 4500-O G-2011  |  |
| pH                    | S.U.         | 9.45  |                     | 10/23/24 12:52            | B410547      | SM 4500-H+ B-2011 |  |
| Temperature           | °C           | 23.2  |                     | 10/23/24 12:52            | B410545      | SM 2550B-2000     |  |

30 October 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 23-Oct-24 15:55



## QUALITY CONTROL RESULTS

### Wet Chemistry -- Batch: B410485 (Water)

Prepared: 24-Oct-24 06:35 By: CGF -- Analyzed: 24-Oct-24 06:35 By: CGF

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| CBOD           | <2.00 mg/L | 121% / 127%       | NA / NA         |            | 4.98%      |                   |

### Wet Chemistry -- Batch: B410505 (Water)

Prepared: 24-Oct-24 16:30 By: MH -- Analyzed: 24-Oct-24 16:30 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| TSS            | <1.00 mg/L | 87.0% / 88.0%     | NA / NA         |            | 1.14%      |                   |

### Wet Chemistry -- Batch: B410521 (Water)

Prepared: 23-Oct-24 15:15 By: DG -- Analyzed: 23-Oct-24 15:15 By: DG

| <u>Analyte</u>  | <u>BLK</u>    | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u>         | <u>RPD</u> | <u>Qualifiers</u> |
|-----------------|---------------|-------------------|-----------------|--------------------|------------|-------------------|
| Fecal Coliforms | <1 MPN/100 mL | NA / NA           | NA / NA         | TNTC<br>MPN/100 mL | 24.5%      | FC, TNTC          |

### Wet Chemistry -- Batch: B410522 (Water)

Prepared: 25-Oct-24 09:05 By: MB -- Analyzed: 25-Oct-24 13:13 By: MB

| <u>Analyte</u> | <u>BLK</u>  | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|-------------|-------------------|-----------------|------------|------------|-------------------|
| Ammonia as N   | <0.500 mg/L | 94.8% / NA        | 95.2% / 93.7%   |            | 1.47%      |                   |

### Field Analyses -- Batch: B410545 (Water)

Prepared: 23-Oct-24 14:46 By: MH -- Analyzed: 23-Oct-24 14:46 By: MH

| <u>Analyte</u>      | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|---------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Temperature (Field) | NA         | NA / NA           | NA / NA         | 22.9 °C    | 0.438%     |                   |

### Field Analyses -- Batch: B410546 (Water)

Prepared: 23-Oct-24 14:46 By: MH -- Analyzed: 23-Oct-24 14:46 By: MH

| <u>Analyte</u>           | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|--------------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Dissolved Oxygen (Field) | NA         | NA / NA           | NA / NA         | 5.87 mg/L  | 0.510%     |                   |

### Field Analyses -- Batch: B410547 (Water)

Prepared: 23-Oct-24 08:11 By: MH -- Analyzed: 23-Oct-24 08:11 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| pH (Field)     | NA         | 100% / 100%       | NA / NA         |            | 0.143%     |                   |

30 October 2024

**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: October 2024**  
**Date Received: 23-Oct-24 15:55**



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**QUALIFIER(S)**

\*FC: The sample result is actually GREATER THAN 2420 MPN/100mL. The sample growth exceeded the limit of the procedure.

\*TNTC: Too Numerous To Count

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All Analysis performed according to EPA approved methodology when available :

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Reviewed by:

Norma James  
Technical Director



8100 National Dr.  
Little Rock, AR 72209  
PHONE: 501-455-3233  
FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION   |                   |                         | Project Description          |           | Turnaround Time    | Preservation Codes:  |   |              |                                      |  |                                     |           |                           |       |   |          |  |
|--|-------------------|-------------------------|------------------------------|-----------|--------------------|--|---|--------------|--------------------------------------|--|-------------------------------------|-----------|---------------------------|-------|---|----------|--|
| Wynne Water Utilities  |                   |                         | Lagoon Discharge Sample      |           | 1 Day (100%)       | 1. Cool, 6 Degrees Centigrade                              |   |              |                                      |  | 4. Thiosulfate for Dechlorination   |           |                           |       |   |          |  |
| 121 East Merriman  |                   |                         | Weekly Sample                |           | 2 Day (50%)        | 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 |   |              |                                      |  | 5. Hydrochloric Acid(HCl)           |           |                           |       |   |          |  |
| Wynne, AR 72396  |                   |                         | Reporting Information        |           | 3 Day (25%)        | 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2                 |   |              |                                      |  | 6. Sodium Hydroxide (NaOH), pH > 12 |           |                           |       |   |          |  |
|  |                   |                         | Telephone: 870-238-2751      |           | 5 Day (Routine)    | TEST PARAMETERS  |   |              |                                      |  |                                     |           |                           |       |   |          |  |
| Attn: Josh Weaver  |                   |                         | Fax: 870-238-2044            |           | Preservative Code: | 1  | 1   | 1,2          | 1,4                                  |  |                                     |           |                           |       | Bottle Type Code                                |          |  |
|  |                   |                         | Email: jweaver.wwu@gmail.com |           | Bottle Type:       | P  | P   | P            | P                                    |  |                                     |           |                           |       | G = Glass; P = Plastic<br>V = Septum; A = Amber |          |  |
| Sampler(s) Signature   |                   |                         | Sampler(s) Printed           |           |                    | Field (pH, D.O., Temperature)                              | CBOD, TSS                                       | Ammonia      | Fecal Coliform                       |  |                                     |           |                           |       | Arkansas Analytical Work Order Number:          |          |  |
| Field Number   | SAMPLE COLLECTION |                         | Grab                         | Comp      | Number of Bottles  | Sample Matrix  | IDENTIFICATION/ DESCRIPTION                     |              |                                      |  |                                     |           |                           |       |   |          |  |
|  | Date/s            | Time/s                  |                              |           |                    |  |   |              |                                      |  |                                     |           |                           |       |   |          |  |
|  | 10/23             | 10AM                    | X                            |           | 3                  | Water  | Lagoon Discharge Grab (Wynne)                   |              | X                                    | X  | X                                   |           |                           |       | 01  |          |  |
|  | 10/23/24          | 1252                    | X                            |           | 0                  | Water  | Lagoon Discharge Field Analysis (AR Analytical) | X            |                                      |  |                                     |           |                           |       | 02  |          |  |
| ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 10/23/24 |                   |                         |                              |           |                    |  |   |              |                                      |  |                                     |           |                           |       |   |          |  |
|  |                   | Sample                  |                              | Duplicate |                    | QC   |   | QC Duplicate |                                      | Field Calibration Record -- DATE: 10/23/24 |                                     |           |                           |       |   |          |  |
|  |                   | pH (S.U.)               |                              | 945       |                    | 951  |   | 701          |                                      | 702  |                                     | pH / Time |                           | D.O.  |   | Chlorine |  |
|  |                   | Time                    |                              | 1252      |                    | 1257   |   | 809          |                                      | 811  |                                     | 4         |                           | Time  |   | QC Time  |  |
|  |                   | Temperature (°C)        |                              | 23.2      |                    | 23.3   |   | 18.8         |                                      | 18.9                                       |                                     | 7         |                           | Slope |   | 1        |  |
|  |                   | Time                    |                              | 1255      |                    | 1257   |   | 809          |                                      | 811  |                                     | 10        |                           | Slope |   | 2        |  |
|  |                   | Dissolved Oxygen (mg/L) |                              | 1543      |                    | 1552   |   |              |                                      |  |                                     |           |                           |       |   |          |  |
|  |                   | Time                    |                              | 1255      |                    | 1257   |   |              |                                      |  |                                     |           |                           |       |   |          |  |
| 1. Relinquished by: (Signature)                              |                   |                         | Date/Time                    |           |                    | 2. Received by: (Signature)                                |   |              | SAMPLE CONDITION UPON RECEIPT IN LAB |  |                                     |           | REMARKS / SAMPLE COMMENTS |       |   |          |  |
|  |                   |                         | 10/23                        |           |                    |  |   |              | 1. CUSTODY SEALS: Yes ___ No         |  |                                     |           |                           |       |   |          |  |
|  |                   |                         |                              |           |                    |  |   |              | 2. CONTAINERS CORRECT: Yes ___ No    |  |                                     |           |                           |       |   |          |  |
|  |                   |                         |                              |           |                    |  |   |              | 3. COC/LABELS AGREE: Yes ___ No      |  |                                     |           |                           |       |   |          |  |
| 3. Relinquished by: (Signature)                              |                   |                         | Date/Time                    |           |                    | 4. Received by lab: (Signature)                            |   |              | 4. RECEIVED ON ICE: Yes ___ No       |  |                                     |           |                           |       |   |          |  |
|  |                   |                         | 1555                         |           |                    |  |   |              | 5. TEMPERATURE ON RECEIPT: 2 °C      |  |                                     |           |                           |       |   |          |  |
|  |                   |                         | 10/23/24                     |           |                    |  |   |              | 6. TEMPERATURE GUN ID: HHT# 5        |  |                                     |           |                           |       |   |          |  |
| FOR COMPLETION BY LAB ONLY                                   |                   |                         |                              |           |                    |  |   |              |                                      |  |                                     |           |                           |       |   |          |  |



8100 National Dr. - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

05 November 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396

Project: Lagoon Discharge Sample  
Project Number: October 2024  
SDG Number: 2410677

Enclosed are the results of analyses for samples received by the laboratory on 30-Oct-24 14:40. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

|                        |       |
|------------------------|-------|
| Custody Seals          | ✓     |
| Containers Correct     | ✓     |
| COC/Labels Agree       | ✓     |
| Received On Ice        | ✓     |
| Temperature on Receipt | 3.0°C |

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

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Norma James  
Technical Director

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05 November 2024

Josh Weaver  
Wynne Water Utilities  
121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 30-Oct-24 14:40



## ANALYTICAL RESULTS

|                      |              |                               |                     |                           |              |                                     |  |
|----------------------|--------------|-------------------------------|---------------------|---------------------------|--------------|-------------------------------------|--|
| Lab Number:          |              | 2410677-01                    |                     |                           |              |                                     |  |
| Sample Name:         |              | Lagoon Discharge Grab (Wynne) |                     |                           |              |                                     |  |
| Date/Time Collected: |              | 10/30/24 10:00                |                     |                           |              |                                     |  |
| Sample Matrix:       |              | Water                         |                     |                           |              |                                     |  |
| <u>Wet Chemistry</u> | <u>Units</u> | <u>Result</u>                 | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>                       |  |
| Ammonia as N         | mg/L         | 0.851                         |                     | 11/1/24 8:12              | B411003      | SM 4500-NH3 B,D,C-2021/EPA<br>250.1 |  |
| Fecal Coliforms      | MPN/100 mL   | TNTC                          | FC, TNTC            | 10/30/24 14:30            | B410657      | IDEXX Colilert-18                   |  |
| TSS                  | mg/L         | 30.0                          |                     | 10/31/24 15:15            | B410636      | SM 2540 D-2015                      |  |
| CBOD                 | mg/L         | 30.2                          |                     | 10/31/24 6:35             | B410638      | SM 5210B-2016                       |  |

## ANALYTICAL RESULTS

|                       |              |   |                     |                           |              |                   |  |
|-----------------------|--------------|---|---------------------|---------------------------|--------------|-------------------|--|
| Lab Number:           |              | 2410677-02                                      |                     |                           |              |                   |  |
| Sample Name:          |              | Lagoon Discharge Field Analysis (AR Analytical) |                     |                           |              |                   |  |
| Date/Time Collected:  |              | 10/30/24 11:26                                  |                     |                           |              |                   |  |
| Sample Matrix:        |              | Water   |                     |                           |              |                   |  |
| <u>Field Analyses</u> | <u>Units</u> | <u>Result</u>                                   | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u>     |  |
| Dissolved Oxygen      | mg/L         | 6.39  |                     | 10/30/24 11:26            | B411025      | SM 4500-O G-2011  |  |
| pH                    | S.U.         | 7.56  |                     | 10/30/24 11:26            | B411023      | SM 4500-H+ B-2011 |  |
| Temperature           | °C           | 21.5  |                     | 10/30/24 11:26            | B411024      | SM 2550B-2000     |  |



05 November 2024

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121 East Merriman  
Wynne, AR 72396  
Project: Lagoon Discharge Sample  
Project Number: October 2024  
Date Received: 30-Oct-24 14:40



## QUALITY CONTROL RESULTS

### Wet Chemistry -- Batch: B410636 (Water)

Prepared: 31-Oct-24 15:15 By: MH -- Analyzed: 31-Oct-24 15:15 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| TSS            | <1.00 mg/L | 92.0% / 90.0%     | NA / NA         |            | 2.20%      |                   |

### Wet Chemistry -- Batch: B410638 (Water)

Prepared: 31-Oct-24 06:35 By: CGF -- Analyzed: 31-Oct-24 06:35 By: CGF

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| CBOD           | <2.00 mg/L | 125% / 126%       | NA / NA         |            | 0.939%     |                   |

### Wet Chemistry -- Batch: B410657 (Water)

Prepared: 30-Oct-24 14:30 By: KJ -- Analyzed: 30-Oct-24 14:30 By: KJ

| <u>Analyte</u>  | <u>BLK</u>    | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u>    | <u>RPD</u> | <u>Qualifiers</u> |
|-----------------|---------------|-------------------|-----------------|---------------|------------|-------------------|
| Fecal Coliforms | <1 MPN/100 mL | NA / NA           | NA / NA         | 82 MPN/100 mL | 0.00%      |                   |

### Wet Chemistry -- Batch: B411003 (Water)

Prepared: 01-Nov-24 08:12 By: KJ -- Analyzed: 01-Nov-24 08:12 By: KJ

| <u>Analyte</u> | <u>BLK</u>  | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|-------------|-------------------|-----------------|------------|------------|-------------------|
| Ammonia as N   | <0.500 mg/L | 95.1% / NA        | 98.1% / 99.0%   |            | 0.933%     |                   |

### Field Analyses -- Batch: B411023 (Water)

Prepared: 30-Oct-24 08:28 By: MH -- Analyzed: 30-Oct-24 08:28 By: MH

| <u>Analyte</u> | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|----------------|------------|-------------------|-----------------|------------|------------|-------------------|
| pH (Field)     | NA         | 100% / 100%       | NA / NA         |            | 0.00%      |                   |

### Field Analyses -- Batch: B411024 (Water)

Prepared: 30-Oct-24 13:20 By: MH -- Analyzed: 30-Oct-24 13:20 By: MH

| <u>Analyte</u>      | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|---------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Temperature (Field) | NA         | NA / NA           | NA / NA         | 26.5 °C    | 0.378%     |                   |

### Field Analyses -- Batch: B411025 (Water)

Prepared: 30-Oct-24 13:20 By: MH -- Analyzed: 30-Oct-24 13:20 By: MH

| <u>Analyte</u>           | <u>BLK</u> | <u>LCS / LCSD</u> | <u>MS / MSD</u> | <u>Dup</u> | <u>RPD</u> | <u>Qualifiers</u> |
|--------------------------|------------|-------------------|-----------------|------------|------------|-------------------|
| Dissolved Oxygen (Field) | NA         | NA / NA           | NA / NA         | 6.50 mg/L  | 0.766%     |                   |

05 November 2024

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**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: October 2024**  
**Date Received: 30-Oct-24 14:40**



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**QUALIFIER(S)**

\*FC: The sample result is actually GREATER THAN 2420 MPN/100mL. The sample growth exceeded the limit of the procedure.  
\*TNTC: Too Numerous To Count

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All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

Reviewed by: \_\_\_\_\_  
Norma James  
Technical Director



8100 National Dr.  
Little Rock, AR 72209  
PHONE: 501-455-3233  
FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION   |                   |       |                  | Project Description          |                                 | Turnaround Time    | Preservation Codes:  |  |                               |              |  |                                     |                           |          |      |  |   |
|--|-------------------|-------|------------------|------------------------------|---------------------------------|--------------------|--|--|-------------------------------|--------------|--|-------------------------------------|---------------------------|----------|------|--|---|
| Wynne Water Utilities  |                   |       |                  | Lagoon Discharge Sample      |                                 | 1 Day (100%)       | 1. Cool, 6 Degrees Centigrade                              |  |                               |              |  | 4. Thiosulfate for Dechlorination   |                           |          |      |  |   |
| 121 East Merriman  |                   |       |                  | Weekly Sample                |                                 | 2 Day (50%)        | 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 |  |                               |              |  | 5. Hydrochloric Acid(HCl)           |                           |          |      |  |   |
| Wynne, AR 72396  |                   |       |                  | Reporting Information        |                                 | 3 Day (25%)        | 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2                 |  |                               |              |  | 6. Sodium Hydroxide (NaOH), pH > 12 |                           |          |      |  |   |
|  |                   |       |                  | Telephone: 870-238-2751      |                                 | 5 Day (Routine)    | TEST PARAMETERS  |  |                               |              |  |                                     |                           |          |      |  | Bottle Type Code  |
| Attn: Josh Weaver  |                   |       |                  | Fax: 870-238-2044            |                                 | Preservative Code: | 1  | 1  | 1,2                           | 1,4          |  |                                     |                           |          |      |  | G = Glass; P = Plastic  |
|  |                   |       |                  | Email: jweaver.wyu@gmail.com |                                 | Bottle Type:       | P  | P  | P                             | P            |  |                                     |                           |          |      |  | V = Septum; A = Amber   |
|  |                   |       |                  | Josh Weaver<br>              |                                 |                    |  |  |                               |              |  |                                     |                           |          |      |  | Arkansas Analytical Work Order Number:<br><br><div style="font-size: 1.5em; color: blue;">2410677</div> |
| Field Number   | SAMPLE COLLECTION |       | Grab             | Comp                         | Number of Bottles               | Sample Matrix      | SAMPLE IDENTIFICATION/ DESCRIPTION                         |  | Field (pH, D.O., Temperature) | CBOD, TSS    | Ammonia                                    | Fecal Coliform                      |                           |          |      |  |   |
|  | 10/30             | 10 AM | X                |                              | 3                               | Water              | Lagoon Discharge Grab (Wynne)                              |  |                               | X            | X  | X                                   |                           |          |      |  | 01  |
|  | 10/30/24          | 1126  | X                |                              | 0                               | Water              | Lagoon Discharge Field Analysis (AR Analytical)            |  | X                             |              |  |                                     |                           |          |      |  | 02  |
| ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 10/30/24 |                   |       |                  |                              |                                 |                    |  |  |                               |              |  |                                     |                           |          |      |  |   |
|  |                   |       |                  |                              |                                 |                    | Sample   | Duplicate  | QC                            | QC Duplicate | Field Calibration Record -- DATE: 10/30/24 |                                     |                           |          |      |  |   |
|  |                   |       |                  |                              |                                 |                    | pH (S.U.)  | 7.56   | 7.62                          | 7.03         | 7.03                                       | pH / Time                           | D.O.                      | Chlorine |      |  |   |
|  |                   |       |                  |                              |                                 |                    | Time   | 1126   | 1130                          | 826          | 828  |                                     |                           |          |      |  |   |
|  |                   |       |                  |                              |                                 |                    | Temperature (°C)   | 21.5   | 21.4                          | 21.3         | 21.3                                       | 4                                   | Time                      | QC       | Time |  |   |
|  |                   |       |                  |                              |                                 |                    | Time   | 1126   | 1130                          | 826          | 828  | 7                                   | ↓                         |          | 1    |  |   |
|  |                   |       |                  |                              |                                 |                    | Dissolved Oxygen (mg/L)                                    | 6.39   | 6.34                          |              |  | 10                                  |                           | Slope    | 2    |  |   |
|  |                   |       |                  |                              |                                 |                    | Time   | 1126   | 1130                          |              |  | 822                                 |                           |          |      |  |   |
| 1. Relinquished by: (Signature)                              |                   |       | Date/Time        |                              | 2. Received by: (Signature)     |                    |  | SAMPLE CONDITION UPON RECEIPT IN LAB   |                               |              |  |                                     | REMARKS / SAMPLE COMMENTS |          |      |  |   |
|  |                   |       | 10/30            |                              |                                 |                    |  | 1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No<br>2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No<br>3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No<br>4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No<br>5. TEMPERATURE ON RECEIPT: 3 °C<br>6. TEMPERATURE GUN ID: HHT# 5 |                               |              |  |                                     |                           |          |      |  |   |
| 3. Relinquished by: (Signature)                              |                   |       | Date/Time        |                              | 4. Received by lab: (Signature) |                    |  | FOR COMPLETION BY LAB ONLY   |                               |              |  |                                     |                           |          |      |  |   |
|  |                   |       | 1440<br>10/30/24 |                              |                                 |                    |  |  |                               |              |  |                                     |                           |          |      |  |   |