



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

08 November 2023

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

Project: Lagoon Discharge Sample  
Project Number: November 2023  
SDG Number: 2311010

Enclosed are the results of analyses for samples received by the laboratory on 01-Nov-23 15:10. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	2.0°C

Sincerely,

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

---

Norma James  
Technical Director

*This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.*

**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 01-Nov-23 15:10**

### ANALYTICAL RESULTS

**Lab Number:** 2311010-01  
**Sample Name:** Lagoon Discharge Grab (Wynne)  
**Date/Time Collected:** 11/1/23 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	8.75		11/3/23 8:10	B311053	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	1600		11/1/23 15:20	B311042	IDEXX Colilert-18
TSS	mg/L	37.8		11/2/23 14:55	B311027	SM 2540 D-2015
CBOD	mg/L	20.5		11/2/23 8:28	B311006	SM 5210B-2016

### ANALYTICAL RESULTS

**Lab Number:** 2311010-02  
**Sample Name:** Lagoon Discharge Field Analysis (AR Analytical)  
**Date/Time Collected:** 11/1/23 11:35  
**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	15.2		11/1/23 11:40	B311128	SM 4500-O G-2011
pH	S.U.	7.95		11/1/23 11:35	B311126	SM 4500-H+ B-2011
Temperature	°C	13.2		11/1/23 11:35	B311127	SM 2550B-2000

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**QUALITY CONTROL RESULTS**
**Wet Chemistry -- Batch: B311006 (Water)**

Prepared: 01-Nov-23 08:28 By: kd -- Analyzed: 01-Nov-23 08:28 By: kd

<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	107% / 110%	NA / NA		2.71%	

**Wet Chemistry -- Batch: B311027 (Water)**

Prepared: 02-Nov-23 14:55 By: MH -- Analyzed: 02-Nov-23 14:55 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	92.0% / 87.0%	NA / NA		5.59%	

**Wet Chemistry -- Batch: B311042 (Water)**

Prepared: 01-Nov-23 15:20 By: KJ -- Analyzed: 01-Nov-23 15:20 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	4 MPN/100 mL	68.9%	

**Wet Chemistry -- Batch: B311053 (Water)**

Prepared: 03-Nov-23 08:10 By: KJ -- Analyzed: 03-Nov-23 08:10 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	84.7% / NA	80.5% / 75.6%		5.34%	

**Field Analyses -- Batch: B311126 (Water)**

Prepared: 01-Nov-23 09:02 By: MH -- Analyzed: 01-Nov-23 09:02 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>
pH (Field)	NA	100% / 100%	NA / NA		0.00%	

**Field Analyses -- Batch: B311127 (Water)**

Prepared: 01-Nov-23 10:28 By: MH -- Analyzed: 01-Nov-23 10:28 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>
Temperature (Field)	NA	NA / NA	NA / NA	14.7 °C	0.00%	

**Field Analyses -- Batch: B311128 (Water)**

Prepared: 01-Nov-23 10:32 By: MH -- Analyzed: 01-Nov-23 10:32 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	4.75 mg/L	0.420%	

08 November 2023



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**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 01-Nov-23 15:10**

---

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 that reads "Norma James".

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 121 East Merriman Wynne, AR 72396		Lagoon Discharge Sample Weekly Sample		1 Day (100%) 2 Day (50%) 3 Day (25%)		1. Cool, 6 Degrees Centigrade 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2 4. Thiosulfate for Dechlorination 5. Hydrochloric Acid(HCl) 6. Sodium Hydroxide (NaOH), pH > 12							
Attn: Josh Weaver		Telephone: 870-238-2751 Fax: 870-238-2044		5 Day (Routine)		TEST PARAMETERS							
Email: jweaver.www@gmail.com		Preservative Code: P		Bottle Type: P		1		1,2		1,4		Bottle Type Code	
Sampler(s) Signature: <i>Josh Weaver</i>		Sampler(s) Printed: Josh Weaver		Field (pH, D.O., Temperature)		CBOD, TSS		Ammonia		Fecal Coliform		Arkansas Analytical Work Order Number: 2311010	
Field Number	SAMPLE COLLECTION Dates	Times	Grab	Comp	Number of Bottles	Sample Matrix	IDENTIFICATION/ DESCRIPTION	Field (pH, D.O., Temperature)	CBOD, TSS	Ammonia	Fecal Coliform	Chlorine	
	11/1	1044	X		3	Water	Lagoon Discharge Grab (Wynne)		X	X	X	01	
	11/1/23	1135	X		0	Water	Lagoon Discharge Field Analysis (AR Analytical)	X				02	
ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 11/1/23													
Sample	Duplicate	QC	QC Duplicate	pH (S.U.)		795	797	902	902	902	pH / Time		
				Time		1135	1138	900	902		D.O.		
				Temperature (°C)		13.2	13.2				Time		
				Time		1135	1138				QC Time		
				Dissolved Oxygen (mg/L)		15.22	15.20				Slope		
				Time		1140	1142				855		
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		Date/Time		SAMPLE CONDITION UPON RECEIPT IN LAB		REMARKS / SAMPLE COMMENTS			
<i>Josh Weaver</i>		11/1		<i>Josh Weaver</i>		11/1/23		1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 2 °C 6. TEMPERATURE GUN ID: HHT# 5					
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		Date/Time							
<i>Josh Weaver</i>		1510 11/1/23		<i>Sydney James</i>		11/1/23							



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22 November 2023

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

Project: Lagoon Discharge Sample  
Project Number: November 2023  
SDG Number: 2311352

Enclosed are the results of analyses for samples received by the laboratory on 15-Nov-23 15:30. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	3.0°C

Sincerely,

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

---

Norma James  
Technical Director

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**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 15-Nov-23 15:30**

**ANALYTICAL RESULTS**

**Lab Number: 2311352-01**  
**Sample Name: Lagoon Discharge Grab (Wynne)**  
**Date/Time Collected: 11/15/23 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	<b>2.75</b>		11/17/23 8:20	B311418	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	<b>610</b>		11/15/23 15:30	B311400	IDEXX Colilert-18
TSS	mg/L	<b>44.0</b>		11/17/23 9:00	B311405	SM 2540 D-2015
CBOD	mg/L	<b>43.6</b>		11/16/23 7:42	B311375	SM 5210B-2016

**ANALYTICAL RESULTS**

**Lab Number: 2311352-02**  
**Sample Name: Lagoon Discharge Field Analysis (AR Analytical)**  
**Date/Time Collected: 11/15/23 12:00**  
**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>15.0</b>		11/15/23 12:05	B311460	SM 4500-O G-2011
pH	S.U.	<b>7.58</b>		11/15/23 12:00	B311458	SM 4500-H+ B-2011
Temperature	°C	<b>16.4</b>		11/15/23 12:00	B311459	SM 2550B-2000



Josh Weaver  
 Wynne Water Utilities  
 121 East Merriman  
 Wynne, AR 72396  
 Project: Lagoon Discharge Sample  
 Project Number: November 2023  
 Date Received: 15-Nov-23 15:30

**QUALITY CONTROL RESULTS**
**Wet Chemistry -- Batch: B311375 (Water)**

Prepared: 16-Nov-23 07:42 By: kd -- Analyzed: 16-Nov-23 07:42 By: kd

<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	95.3% / 113%	NA / NA		16.7%	

**Wet Chemistry -- Batch: B311400 (Water)**

Prepared: 15-Nov-23 15:30 By: KJ -- Analyzed: 15-Nov-23 15:30 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	ND MPN/100 mL	NA	

**Wet Chemistry -- Batch: B311405 (Water)**

Prepared: 17-Nov-23 09:00 By: MH -- Analyzed: 17-Nov-23 09:00 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>
TSS	<1.00 mg/L	89.0% / 87.0%	NA / NA		2.27%	

**Wet Chemistry -- Batch: B311418 (Water)**

Prepared: 17-Nov-23 08:20 By: KJ -- Analyzed: 17-Nov-23 08:20 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	84.5% / NA	82.6% / 80.8%		2.21%	

**Field Analyses -- Batch: B311458 (Water)**

Prepared: 15-Nov-23 09:02 By: MH -- Analyzed: 15-Nov-23 09:02 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>
pH (Field)	NA	101% / 101%	NA / NA		0.00%	

**Field Analyses -- Batch: B311459 (Water)**

Prepared: 15-Nov-23 13:53 By: MH -- Analyzed: 15-Nov-23 13:53 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	17.4 °C	0.00%	

**Field Analyses -- Batch: B311460 (Water)**

Prepared: 15-Nov-23 13:57 By: MH -- Analyzed: 15-Nov-23 13:57 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	6.26 mg/L	0.319%	



22 November 2023



**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 15-Nov-23 15:30**

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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 that reads "Norma James". The signature is written in a cursive style and is positioned above a horizontal line.

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



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 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 121 East Merriman Wynne, AR 72396 Aftn: Josh Weaver Telephone: 870-238-2751 Fax: 870-238-2044 Email: jweaver.wvu@gmail.com			Lagoon Discharge Sample			1 Day (100%)			1.	2.	3.	4.	5.	6.	7.	8.	9.	10.																											
			Weekly Sample			2 Day (50%)			P	P	P	P	P	P	P	P	P	P	P																										
			Reporting Information			3 Day (25%)			P	P	P	P	P	P	P	P	P	P	P	P																									
Sampler(s) Signature <i>Josh Weaver</i>		Date/s 11/15		Time/s 10:15 AM 12:00		Grab X X		Number of Bottles/Matrix 3 0		Water Lagoon Discharge Grab (Wynne) Lagoon Discharge Field Analysis (AR Analytical)							Preservation Code: Bottle Type:		Bottle Type Code G = Glass, P = Plastic Y = Septum, A = Amber																										
Sampler(s) Printed: <i>Josh Weaver</i>									Sample IDENTIFICATION/ DESCRIPTION Lagoon Discharge Grab (Wynne) Lagoon Discharge Field Analysis (AR Analytical)									TEST PARAMETERS Field (pH, D.O., Temperature) CBOD, TSS Ammonia Fecal Coliform Chlorine							Analytical Work Order Number: 2311352																				
ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 11/15/23																																													
<table border="1"> <thead> <tr> <th>Sample</th> <th>Duplicate</th> <th>QC</th> <th>QC Duplicate</th> </tr> </thead> <tbody> <tr> <td>pH (S.U.)</td> <td>7.58</td> <td>7.05</td> <td>7.05</td> </tr> <tr> <td>Time</td> <td>12:00</td> <td>9:00</td> <td>9:02</td> </tr> <tr> <td>Temperature (°C)</td> <td>16.4</td> <td>16.4</td> <td></td> </tr> <tr> <td>Time</td> <td>12:00</td> <td>12:03</td> <td></td> </tr> <tr> <td>Dissolved Oxygen (mg/L)</td> <td>14.98</td> <td>15.01</td> <td></td> </tr> <tr> <td>Time</td> <td>12:05</td> <td>12:07</td> <td></td> </tr> </tbody> </table>																		Sample	Duplicate	QC	QC Duplicate	pH (S.U.)	7.58	7.05	7.05	Time	12:00	9:00	9:02	Temperature (°C)	16.4	16.4		Time	12:00	12:03		Dissolved Oxygen (mg/L)	14.98	15.01		Time	12:05	12:07	
Sample	Duplicate	QC	QC Duplicate																																										
pH (S.U.)	7.58	7.05	7.05																																										
Time	12:00	9:00	9:02																																										
Temperature (°C)	16.4	16.4																																											
Time	12:00	12:03																																											
Dissolved Oxygen (mg/L)	14.98	15.01																																											
Time	12:05	12:07																																											
1. Relinquished by: (Signature) <i>Josh Weaver</i>						Date/Time 11/15						2. Received by: (Signature) <i>Natasha Howard</i>						SAMPLE CONDITION UPON RECEIPT IN LAB 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 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: <i>35</i> °C 6. TEMPERATURE GUN ID: _____ HHT# _____																											
3. Relinquished by: (Signature) <i>Josh Weaver</i>						Date/Time 1530 11/15/23						4. Received by lab: (Signature) <i>Natasha Howard</i>						REMARKS / SAMPLE COMMENTS Field Calibration Record -- DATE: 11/15/23 pH / Time D.O. 4 Time Chlorine 7 Time 10 Slope 8.55																											



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28 November 2023

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

Project: Lagoon Discharge Sample  
Project Number: November 2023  
SDG Number: 2311488

Enclosed are the results of analyses for samples received by the laboratory on 21-Nov-23 14:53. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
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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**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 21-Nov-23 14:53**

**ANALYTICAL RESULTS**

**Lab Number: 2311488-01**  
**Sample Name: Lagoon Discharge Grab (Wynne)**  
**Date/Time Collected: 11/21/23 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	7.31		11/27/23 8:45	B311587	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	440		11/21/23 15:05	B311562	IDEXX Colilert-18
TSS	mg/L	25.5		11/22/23 14:05	B311527	SM 2540 D-2015
CBOD	mg/L	20.0		11/22/23 7:30	B311540	SM 5210B-2016

**ANALYTICAL RESULTS**

**Lab Number: 2311488-02**  
**Sample Name: Lagoon Discharge Field Analysis (AR Analytical)**  
**Date/Time Collected: 11/21/23 11:30**  
**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	11.0		11/21/23 11:35	B311578	SM 4500-O G-2011
pH	S.U.	8.06		11/21/23 11:30	B311576	SM 4500-H+ B-2011
Temperature	°C	16.8		11/21/23 11:30	B311577	SM 2550B-2000

Josh Weaver  
 Wynne Water Utilities  
 121 East Merriman  
 Wynne, AR 72396  
 Project: Lagoon Discharge Sample  
 Project Number: November 2023  
 Date Received: 21-Nov-23 14:53

**QUALITY CONTROL RESULTS**
**Wet Chemistry -- Batch: B311527 (Water)**

Prepared: 22-Nov-23 14:05 By: MH -- Analyzed: 22-Nov-23 14:05 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	90.0% / 102%	NA / NA		12.5%	D

**Wet Chemistry -- Batch: B311540 (Water)**

Prepared: 22-Nov-23 08:17 By: kd -- Analyzed: 22-Nov-23 08:17 By: kd

<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	114% / 111%	NA / NA		3.40%	

**Wet Chemistry -- Batch: B311562 (Water)**

Prepared: 21-Nov-23 15:05 By: KJ -- Analyzed: 21-Nov-23 15:05 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	500 MPN/100 mL	12.9%	

**Field Analyses -- Batch: B311576 (Water)**

Prepared: 21-Nov-23 09:07 By: MH -- Analyzed: 21-Nov-23 09:07 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: B311577 (Water)**

Prepared: 21-Nov-23 13:33 By: MH -- Analyzed: 21-Nov-23 13:33 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	16.8 °C	0.00%	

**Field Analyses -- Batch: B311578 (Water)**

Prepared: 21-Nov-23 13:37 By: MH -- Analyzed: 21-Nov-23 13:37 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	7.18 mg/L	0.278%	

**Wet Chemistry -- Batch: B311587 (Water)**

Prepared: 27-Nov-23 08:45 By: KJ -- Analyzed: 27-Nov-23 08:45 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	84.5% / NA	87.6% / 84.8%		3.10%	

**QUALIFIER(S)**

\*D: RPD Value Does Not Meet Laboratory Acceptance Criteria

28 November 2023



**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 21-Nov-23 14:53**

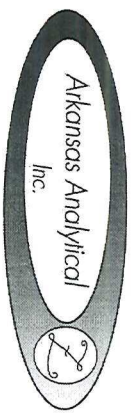
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All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency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

A handwritten signature in blue ink that reads "Norma James". The signature is written in a cursive style and 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 121 East Merriman Wynne, AR 72396		Lagoon Discharge Sample Weekly Sample		1 Day (100%) 2 Day (50%) 3 Day (25%)		1. Cool, 6 Degrees Centigrade 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2 4. Thiosulfate for Dechlorination 5. Hydrochloric Acid(HCl) 6. Sodium Hydroxide (NaOH), pH > 12													
Attn: Josh Weaver		Telephone: 870-238-2751		5 Day (routine)		TEST PARAMETERS													
Email: jweaver.wvu@gmail.com		Fax: 870-238-2044		Preservative Code:		Bottle Type Code													
Bottle Type:		1		P		1		P		1,2		P		1,4		P			
Sampler(s) Signature: <i>Josh Weaver</i>		Sampler(s) Printed: <i>Josh Weaver</i>		Field (pH, D.O., Temperature)		CBOD, TSS		Ammonia		Fecal Coliform		Chlorine		Order Number: 2311488					
Field Number		SAMPLE COLLECTION		Grab		Number of Bottles		Sample Matrix		IDENTIFICATION/ DESCRIPTION		ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 11/21/03		Field Calibration Record -- DATE: 11/24/03					
1/21		10:45		X		3		Water		Lagoon Discharge Grab (Wynne)		pH (S.U.) 8.06		Duplicate 8.04		QC 909		QC Duplicate 905	
1/24/03		1130		X		0		Water		Lagoon Discharge Field Analysis (AR Analytical)		Time 1130		16.8		1133		908	
												Temperature (°C)		16.8					
												Time 1130		10.96		1098			
												Dissolved Oxygen (mg/l)		10.96		1098			
												Time 1135		1136					
1. Relinquished by: (Signature)		Date/Time		11/21		2. Received by: (Signature)		1140		11/21/03		SAMPLE CONDITION UPON RECEIPT IN LAB		REMARKS / SAMPLE COMMENTS					
3. Relinquished by: (Signature)		Date/Time		11/24/03		4. Received by lab: (Signature)		Sydney James		1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 1 °C 6. TEMPERATURE GUN ID: HHT# 5		pH / Time 4 D.O. 7 Time 1 Slope 10 2							





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

05 December 2023

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

Project: Lagoon Discharge Sample  
Project Number: November 2023  
SDG Number: 2311607

Enclosed are the results of analyses for samples received by the laboratory on 29-Nov-23 14:55. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	3.0°C

Sincerely,

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

---

Norma James  
Technical Director

*This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.*

**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 29-Nov-23 14:55**

### ANALYTICAL RESULTS

---

**Lab Number: 2311607-01**  
**Sample Name: Lagoon Discharge Grab (Wynne)**  
**Date/Time Collected: 11/29/23 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	11.3		12/1/23 8:40	B312003	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	550		11/29/23 15:00	B311687	IDEXX Colilert-18
TSS	mg/L	20.7		12/1/23 9:20	B311684	SM 2540 D-2015
CBOD	mg/L	10.8		11/30/23 8:11	B311666	SM 5210B-2016

### ANALYTICAL RESULTS

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**Lab Number: 2311607-02**  
**Sample Name: Lagoon Discharge Field Analysis (AR Analytical)**  
**Date/Time Collected: 11/29/23 11:15**  
**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	7.13		11/29/23 11:20	B311692	SM 4500-O G-2011
pH	S.U.	7.96		11/29/23 11:15	B311690	SM 4500-H+ B-2011
Temperature	°C	9.7		11/29/23 11:15	B311691	SM 2550B-2000

Josh Weaver  
 Wynne Water Utilities  
 121 East Merriman  
 Wynne, AR 72396  
 Project: Lagoon Discharge Sample  
 Project Number: November 2023  
 Date Received: 29-Nov-23 14:55

**QUALITY CONTROL RESULTS**
**Wet Chemistry -- Batch: B311666 (Water)**

Prepared: 30-Nov-23 08:11 By: kd -- Analyzed: 30-Nov-23 08:11 By: kd

<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	95.3% / 102%	NA / NA		6.57%	

**Wet Chemistry -- Batch: B311684 (Water)**

Prepared: 01-Dec-23 09:20 By: MH -- Analyzed: 01-Dec-23 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>
TSS	<1.00 mg/L	90.0% / 93.0%	NA / NA		3.28%	

**Wet Chemistry -- Batch: B311687 (Water)**

Prepared: 29-Nov-23 15:00 By: KJ -- Analyzed: 29-Nov-23 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	11 MPN/100 mL	0.00%	

**Field Analyses -- Batch: B311690 (Water)**

Prepared: 29-Nov-23 09:07 By: MH -- Analyzed: 29-Nov-23 09:07 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: B311691 (Water)**

Prepared: 29-Nov-23 13:23 By: MH -- Analyzed: 29-Nov-23 13:23 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>
Temperature (Field)	NA	NA / NA	NA / NA	15.3 °C	0.00%	

**Field Analyses -- Batch: B311692 (Water)**

Prepared: 29-Nov-23 13:27 By: MH -- Analyzed: 29-Nov-23 13:27 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	7.05 mg/L	0.142%	

**Wet Chemistry -- Batch: B312003 (Water)**

Prepared: 01-Dec-23 08:40 By: KJ -- Analyzed: 01-Dec-23 08:40 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	94.0% / NA	91.6% / 90.7%		0.887%	

05 December 2023



**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 29-Nov-23 14:55**

---

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 that reads "Norma James".

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 121 East Merriman Wynne, AR 72396		Lagoon Discharge Sample Weekly Sample		1 Day (100%)	2 Day (50%)	3 Day (25%)	1. Cool, 6 Degrees Centigrade 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2	4. This sulfate for Dechlorination 5. Hydrochloric Acid(HCl) 6. Sodium Hydroxide (NaOH), pH > 12											
Attn: Josh Weaver		Reporting Information		5 Day (routine)				TEST PARAMETERS											
Telephone: 870-238-2751 Fax: 870-238-2044 Email: jweaver.wvu@gmail.com				Preservative Code: P	1	1,2	1,4	Bottle Type Code											
		Sampler(s) Signature: <i>[Signature]</i>		Sampler(s) Printed: <i>Josh Weaver</i>						Arkansas Analytical Work Order Number: 12311007									
Field Number	SAMPLE COLLECTION Dates	Times/s	Grab	Comp	Number of Bottles	Sample Matrix	IDENTIFICATION / DESCRIPTION	SAMPLE	Field (pH, D.O., Temperature)	CBOD, TSS	Ammonia	Fecal Coliform	QC	QC Duplicate	Field Calibration Record -- DATE: 1/12/23	D.O.	Time	QC Time	REMARKS / SAMPLE COMMENTS
	11/25	104h	X		3	Water	Lagoon Discharge Grab (Wynne)			X	X	X			pH / Time				
	11/29/23	1115	X		0	Water	Lagoon Discharge Field Analysis (AR Analytical)								9:05 9:05 9:07				
ONSITE MEASUREMENTS by Arkansas Analytical -- DATE: 1/12/23																			
1. Relinquished by: (Signature) <i>[Signature]</i> Date/Time 1/12/23																			
2. Received by: (Signature) <i>[Signature]</i> Date/Time 1/29/23																			
3. Relinquished by: (Signature) <i>[Signature]</i> Date/Time 1/29/23																			
4. Received by lab: (Signature) <i>[Signature]</i>																			
1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No 3. COCLABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: <input type="checkbox"/> 3 °C 6. TEMPERATURE GUN ID: <input type="checkbox"/> HHT# 5																			
FOR COMPLETION BY LAB ONLY																			



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

15 November 2023

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

Project: Lagoon Discharge Sample  
Project Number: November 2023  
SDG Number: 2311193

Enclosed are the results of analyses for samples received by the laboratory on 08-Nov-23 15:30. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
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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**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 08-Nov-23 15:30**

**ANALYTICAL RESULTS**

**Lab Number:** 2311193-01  
**Sample Name:** Lagoon Discharge Grab (Wynne)  
**Date/Time Collected:** 11/8/23 12:30  
**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	8.27		11/10/23 8:15	B311237	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	220		11/8/23 15:50	B311226	IDEXX Colilert-18
TSS	mg/L	38.7		11/9/23 16:00	B311202	SM 2540 D-2015
CBOD	mg/L	25.8		11/10/23 7:00	B311232	SM 5210B-2016

**ANALYTICAL RESULTS**

**Lab Number:** 2311193-02  
**Sample Name:** Lagoon Discharge Field Analysis (AR Analytical)  
**Date/Time Collected:** 11/8/23 12:40  
**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	14.2		11/8/23 12:45	B311314	SM 4500-O G-2011
pH	S.U.	8.17		11/8/23 12:40	B311312	SM 4500-H+ B-2011
Temperature	°C	19.5		11/8/23 12:40	B311313	SM 2550B-2000



Josh Weaver  
 Wynne Water Utilities  
 121 East Merriman  
 Wynne, AR 72396  
 Project: Lagoon Discharge Sample  
 Project Number: November 2023  
 Date Received: 08-Nov-23 15:30

**QUALITY CONTROL RESULTS**
**Wet Chemistry -- Batch: B311202 (Water)**

Prepared: 09-Nov-23 16:00 By: MH -- Analyzed: 09-Nov-23 16:00 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>
TSS	<1.00 mg/L	88.0% / 86.0%	NA / NA		2.30%	

**Wet Chemistry -- Batch: B311226 (Water)**

Prepared: 08-Nov-23 15:50 By: KJ -- Analyzed: 08-Nov-23 15:50 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	190 MPN/100 mL	17.4%	

**Wet Chemistry -- Batch: B311232 (Water)**

Prepared: 10-Nov-23 07:00 By: kd -- Analyzed: 10-Nov-23 07:00 By: kd

<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	122% / 119%	NA / NA		2.44%	

**Wet Chemistry -- Batch: B311237 (Water)**

Prepared: 10-Nov-23 08:15 By: KJ -- Analyzed: 10-Nov-23 08:15 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>
Ammonia as N	<0.500 mg/L	86.7% / NA	82.7% / 86.1%		3.95%	

**Field Analyses -- Batch: B311312 (Water)**

Prepared: 08-Nov-23 09:02 By: MH -- Analyzed: 08-Nov-23 09:02 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>
pH (Field)	NA	101% / 101%	NA / NA		0.141%	

**Field Analyses -- Batch: B311313 (Water)**

Prepared: 08-Nov-23 14:13 By: MH -- Analyzed: 08-Nov-23 14:13 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	20.4 °C	0.00%	

**Field Analyses -- Batch: B311314 (Water)**

Prepared: 08-Nov-23 14:17 By: MH -- Analyzed: 08-Nov-23 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	6.10 mg/L	0.164%	

15 November 2023



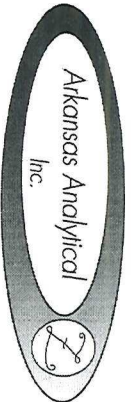
**Josh Weaver**  
**Wynne Water Utilities**  
**121 East Merriman**  
**Wynne, AR 72396**  
**Project: Lagoon Discharge Sample**  
**Project Number: November 2023**  
**Date Received: 08-Nov-23 15:30**

---

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 that reads "Norma James". The signature is written in a cursive style and 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 121 East Merriman Wynne, AR 72396		Lagoon Discharge Sample Weekly Sample		1 Day (100%) 2 Day (50%) 3 Day (25%)		1. Cool, 6 Degrees Centigrade 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2 4. Thiosulfate for Dechlorination 5. Hydrochloric Acid(HCl) 6. Sodium Hydroxide (NaOH), pH > 12									
Attn: Josh Weaver		Telephone: 870-238-2751		5 Day (fouline)		TEST PARAMETERS									
Email: jweaver.www@gmail.com		Fax: 870-238-2044		Preservative Code:		1 P		1 P		1,2 P		1,4 P		Bottle Type Code	
				Bottle Type:		P		P		P		P		G = Glass, P = Plastic V = Squirm, A = Amber	
Sampler(s) Signature: <i>[Signature]</i>		Sampler(s) Printed: <i>Josh Weaver</i>		SAMPLE COLLECTION		SAMPLE IDENTIFICATION/ DESCRIPTION						Arkansas Analytical Work Order Number: <i>1231193</i>			
Field Number	DATE/S	Times	Grab	Comp	Number of Bottles	Sample Matrix	FIELD (pH, D.O., Temperature)		CBOD, TSS		Ammonia		Fecal Coliform		
	<i>11/8/23</i>	<i>12:30</i>	X		3	Water		X	X	X	X				01
	<i>11/8/23</i>	<i>12:40</i>	X		0	Water		X	X	X	X				02
Lagoon Discharge Grab (Wynne)															
Lagoon Discharge Field Analysis (AR Analytical)															
ON-SITE MEASUREMENTS by Arkansas Analytical -- DATE: <i>11/8/23</i>															
pH (S.U.)		8.17		8.19		QC		QC		QC Duplicate		7.08		7.02	
Time		<i>12:40</i>		<i>12:48</i>		<i>9:00</i>		<i>9:00</i>		<i>9:02</i>		<i>7:00</i>		<i>7:00</i>	
Temperature (°C)		<i>19.5</i>		<i>19.5</i>											
Time		<i>12:40</i>		<i>12:43</i>											
Dissolved Oxygen (mg/L)		<i>14.4</i>		<i>14.3</i>											
Time		<i>12:45</i>		<i>12:46</i>											
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		Date/Time		3. Received by lab: (Signature)		Date/Time		4. Received by lab: (Signature)		Date/Time	
<i>[Signature]</i>		<i>11/8/23</i>		<i>[Signature]</i>		<i>11/8/23</i>		<i>[Signature]</i>		<i>15:30</i>		<i>[Signature]</i>		<i>11/8/23</i>	
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		Date/Time		5. Received by lab: (Signature)		Date/Time		6. Received by lab: (Signature)		Date/Time	
<i>[Signature]</i>		<i>11/8/23</i>		<i>[Signature]</i>		<i>11/8/23</i>		<i>[Signature]</i>		<i>11/8/23</i>		<i>[Signature]</i>		<i>11/8/23</i>	

SAMPLE CONDITION UPON RECEIPT IN LAB

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:  °C

6. TEMPERATURE GUN ID: *HHT# 5*

FOR COMPLETION BY LAB ONLY

REMARKS / SAMPLE COMMENTS

pH / Time	D.O.	Chlorine
<i>7.00</i>	<i>7</i>	<i>1</i>
<i>7.00</i>	<i>10</i>	<i>2</i>