

13 June 2024

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

Project: Lagoon Discharge Sample Project Number: June 2024 SDG Number: 2406102

Enclosed are the results of analyses for samples received by the laboratory on 05-Jun-24 15:08. 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,

Norma

Norma James Technical Director

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 05-Jun-24 15:08

ANALYTICAL RESULTS

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoor	2406102-01 n Discharge Grab (W 6/5/24 10:00 Water	/ynne)			
Wet Chemistry	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	Batch	<u>Method</u>
Ammonia as N	mg/L	2.08		6/7/24 10:27	B406142	SM 4500-NH3 B,D,C-2021/EPA
Fecal Coliforms	MPN/100 mL	2100		6/5/24 15:20	B406104	IDEXX Colilert-18
TSS	mg/L	37.0		6/11/24 14:07	B406183	SM 2540 D-2015
CBOD	mg/L	17.7		6/6/24 15:21	B406111	SM 5210B-2016

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoon D	2406102-02 Discharge Field Analysis (AR 6/5/24 11:50 Water	R Analytical)			
Field Analyses	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	<u>Batch</u>	Method
Dissolved Oxygen	mg/L	7.65		6/5/24 11:50	B406156	SM 4500-O G-2011
pН	S.U.	7.98		6/5/24 11:50	B406154	SM 4500-H+ B-2011
Temperature	°C	25.4		6/5/24 11:50	B406155	SM 2550B-2000





	Prepared: 0	Wet Chemistry Batc Jun-24 15:20 Bv: KJ	h: B406104 (Water) Analyzed: 05-Jun-24 15:	20 Bv: KJ		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	96 MPN/100 mL	22.2%	
	Prepared: 06	Wet Chemistry Batc -Jun-24 15:21 By: KD	h: B406111 (Water) Analyzed: 06-Jun-24 15:	21 By: KD		
Analyte	<u>BLK</u>	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
CBOD	<2.00 mg/L	134% / 136%	NA / NA		0.871%	
	Droporodu 0	Wet Chemistry Bato	h: B406142 (Water) Analyzed: 07-Jun-24 10:	20 Rvi K I		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Ammonia as N	<0.500 mg/L	99.5% / NA	94.0% / 97.6%	<u></u>	3.75%	<u>Quaimers</u>
	-	-	Analyzed: 05-Jun-24 08:	-		0
<u>Analyte</u> pH (Field)	<u>BLK</u> NA	<u>LCS / LCSD</u> 100% / 100%	<u>MS / MSD</u> NA / NA	<u>Dup</u>	<u>RPD</u> 0.285%	<u>Qualifiers</u>
	Prepared: 05	Field Analyses Batc -Jun-24 13:55 By: MH	h: B406155 (Water) Analyzed: 05-Jun-24 13:	55 By: MH		
Analyte	<u>BLK</u>	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Temperature (Field)	NA	NA / NA	NA / NA	25.7 °C	0.00%	
	Duou ouo di 05	Field Analyses Batc		55 D MU		
Analista	BLK		Analyzed: 05-Jun-24 13: MS / MSD	<u>. Dup</u>	RPD	Qualifiers
<u>Analyte</u> Dissolved Oxygen (Field)	NA	<u>LCS / LCSD</u> NA / NA	NA / NA	7.17 mg/L	0.419%	Quaimers
	Prepared: 11	Wet Chemistry Batc -Jun-24 14:07 By: MH	h: B406183 (Water) Analyzed: 11-Jun-24 14:	07 By: BH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	99.0% / 102%	NA / NA		2.99%	

Arkansas Analytical

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 05-Jun-24 15:08

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.

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Reviewed by:

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	Arkansas Analytica	Inc.	
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CHAIN OF CUSTODY RECORD

CLIENT INFORMATION	ATION					Project Description	cription	Turnaround Time				Freservation Coues:	I Coues:	
Wynne Water Utilities	lities					Lagoon Discharge Sample	ge Sample	1 Day (100%)	I. Cool, 6	Degrees	1. Cool, 6 Degrees Centigrade		4. Thiosulfate for Dechlorination	hlorination
121 East Merriman	an					Weekly Sample	ample	2 Day (50%)	2. Sulfuri	c Acid (F	2. Sulfuric Acid (H ₂ SO ₄), pH < 2	< 2	5. Hydrochloric Acid(HCl)	(HCI)
Wvnne, AR 72396	6					Reporting Information	ormation	3 Day (25%)	3. Nitric /	Acid (HN	Nitric Acid (HNO ₃), pH < 2		6. Sodium Hydroxide (NaOH), pH > 12	(NaOH), pH > 12
						Telephone: 870-238-2751	-238-2751	5 Day (Routine)			TEST	PARAMET	ERS	Bottle Type Code
Attn: Josh Weaver	er					Fax: 870-238-2044	8-2044	Preservative Code:	-	-	1,2 1,4			G = Glass; P = Plastic
						Email: jweaver.ww	weaver.wwu@gmail.com	Bottle Type:	٩	4	а а			V = Septum; A = Amber
Sampler(s) Signature	Luc		Sample	Josh Sampler(s) Printed: M.	↓ hted:	Josh were	46/24/2)		ł, D.O.,	SSI		סווזסניה		Arkansas Analytical Work Order Number:
Field	SAMPLE CO	SAMPLE COLLECTION		Number	ber Sample		SAMPLE SAMPLE	RIPTION	¹ q) bl∍i ⁻ sı∋qm∋T	CBOD'	inommA	Fecal Co		2010/072
Number	Date/s	1 me/s	Crab K	Comp Bottle	es Matrix Mater		I addon Discharde Grab (Wynne)		-) ×				10
		110	< >	, _			arge Field Analvsi	s (AR Analytical)	×					02
	halda	051	<											
						ONSITE MEAS	ONSITE MEASUREMENTS by Arkansas Analytical DATE	Arkansas Analyt	ical D	ATE 🤇	Mary			
							Sample	Duplicate	gC	~	QC Duplicate	ate		
						pH (S.U.)	1998	793	2		703	Field Calibra	Field Calibration Record DATE:	re:6,5,04
						Time	e 1150	11X	Sal	1	330	pH / Time	D.O.	Chlorine
						Temperature (°C)	125.4	25.5	d	5	hird	4	Time	Time
						Time Dissolved Oxygen	e 1150	152	SS.		830			
						(mg/L) Time	e 1150	1155				820	2 alobe	
1. Relinguished by: (Signature)	v: (Signature)	Date/Time		. Receiv	ed by:	2. Received by: (Signature)	SAMPLE (SAMPLE CONDITION UPON RECEIPT IN LAB	RECEIPT	IN LAB		REMAR	REMARKS / SAMPLE COMMENTS	MMENTS
11		4/5			1201		1. CUSTODY SEALS:	:ALS:	Yes		N.			
1 m				J)	S	And	 CONTAINERS CORRECT: COC/LABELS AGREE: 	S CORRECT: AGREE:	Yes		N N			
3. Relinquished by: (Signature)	y: (Signature)	Date/Time		4. Receiv	/ed by I	4. Received by lab: (Signature)	4. RECEIVED ON ICE:	N ICE:	Yes		No			
		1508		4	N	ANUL WUN	5. TEMPERATU	5. TEMPERATURE ON RECEIPT:	2 °	J				
Bavician		+ 6,5,24		5	ł		6. TEMPERATURE GUN ID: FOR COMPLET	ATURE GUN ID: HH I# -	HHI#					
1101001		1 / /												



19 June 2024

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

Project: Lagoon Discharge Sample Project Number: June 2024 SDG Number: 2406294

Enclosed are the results of analyses for samples received by the laboratory on 12-Jun-24 14:34. 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	5.0°C

Sincerely,

Norma

Norma James Technical Director

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 12-Jun-24 14:34

ANALYTICAL RESULTS

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoor	2406294-01 n Discharge Grab (W 6/12/24 10:00 Water	/ynne)			
Wet Chemistry	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	<u>Batch</u>	Method
Ammonia as N	mg/L	< 1.00		6/14/24 8:05	B406283	SM 4500-NH3 B,D,C-2021/EPA
Fecal Coliforms	MPN/100 mL	260		6/12/24 15:40	B406265	IDEXX Colilert-18
TSS	mg/L	41.3		6/14/24 9:40	B406269	SM 2540 D-2015
CBOD	mg/L	18.7		6/13/24 7:00	B406251	SM 5210B-2016

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoon D	2406294-02 ischarge Field Analysis (AR 6/12/24 11:30 Water	Analytical)			
Field Analyses	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	Batch	<u>Method</u>
Dissolved Oxygen	mg/L	11.7		6/12/24 11:30	B406327	SM 4500-O G-2011
pН	S.U.	8.76		6/12/24 11:30	B406324	SM 4500-H+ B-2011
Temperature	°C	27.2		6/12/24 11:30	B406325	SM 2550B-2000



Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 12-Jun-24 14:34



	Prepared: 13	Wet Chemistry Bate Wet Chemistry Bate Jun-24 07:00 By: MB-	ch: B406251 (Water) Analyzed: 13-Jun-24 07	:00 By: KD		
Analyte	<u>BLK</u>	LCS / LCSD	MS / MSD	<u>Dup</u>	RPD	Qualifiers
CBOD	<2.00 mg/L	117% / 124%	NA / NA		5.62%	
		Wet Chemistry Bate	ch: B406265 (Water)			
	Prepared: 12	2-Jun-24 15:40 By: KJ	Analyzed: 12-Jun-24 15	40 By: KJ		
<u>Analyte</u>	BLK	LCS / LCSD	<u>MS / MSD</u>	Dup	<u>RPD</u>	Qualifiers
Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	20 MPN/100 mL	57.6%	
		Wet Chemistry Bate				
		I-Jun-24 09:40 By: MH	Analyzed: 14-Jun-24 09:	40 By: MH		
Analyte	<u>BLK</u>	LCS / LCSD	<u>MS / MSD</u>	Dup	<u>RPD</u>	Qualifiers
TSS	<1.00 mg/L	97.0% / 92.0%	NA / NA		5.29%	
	Prepared: 1	Wet Chemistry Bate 4-Jun-24 08:05 By: KJ	ch: B406283 (Water) Analyzed: 14-Jun-24 08	05 By: K.I		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Ammonia as N	<0.500 mg/L	97.8% / NA	93.8% / 94.3%		0.583%	
		Field Analyses Bate				
	-		Analyzed: 12-Jun-24 08	_		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	<u>RPD</u>	<u>Qualifiers</u>
pH (Field)	NA	101% / 100%	NA / NA		0.284%	
		Field Analyses Bate				
		-	Analyzed: 12-Jun-24 13	_		
Analyte	BLK	LCS / LCSD	MS / MSD	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Temperature (Field)	NA	NA / NA	NA / NA	27.1 °C	0.370%	
		Field Analyses Bate		25 By: MH		
	Prepared: 12	2-Jun-24 13:25 BV: MH				
Analyte	Prepared: 12 <u>BLK</u>	2-Jun-24 13:25 By: MH <u>LCS / LCSD</u>	MS / MSD	Dup	RPD	Qualifiers

Arkansas Analytical

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 12-Jun-24 14:34

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.

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Reviewed by:



CHAIN OF CUSTODY RECORD

							A Docoulut		Time				Preserve	Preservation Codes:	:50		
CLIENT INFORMATION	IATION					Proje	Project Description										
Wynne Water Utilities	filities					Lagoon	Lagoon Discharge Sample	ample	1 Day (100%)	1. Cool, 6 Degrees Centigrade	Jegrees (Centigrade		4. Thi	4. Thiosulfate for Dechlorination	Dechlorina	tion
121 East Merriman	an					We	Weekly Sample	0	2 Day (50%)	2. Sulfuric	Acid (H	Sulfuric Acid (H ₂ SO ₄), pH < 2	< 2	5. Hyd	5. Hydrochloric Acid(HCl)	cid(HCl)	
Wvnne. AR 72396	16					Report	Reporting Information	ation	3 Day (25%)	3. Nitric A	cid (HN	Nitric Acid (HNO ₃), pH < 2		6. Sodi	6. Sodium Hydroxide (NaOH), pH	ide (NaOH)), pH > 12
						Telepho	Telephone: 870-238-2751	2751	5 Day (Routine)		F	TEST	PARAMI	AMETERS		m	Bottle Type Code
Attn: Josh Weaver	/er					Fax	Fax: 870-238-2044	4	Preservative Code:	-	-	1,2 1,4				= 9	G = Glass; P = Plastic
						Email: jwe	jweaver.wwu@gmail.com	nail.com	Bottle Type:	۵.	Ъ	<u>а</u>				<u>V</u> =	V = Septum; A = Amber
Sampler(s) Signature	Ma		Samp	ler(s) F	Printed	Josh (Wever	and			SS.		וווסווו			Ana	Arkansas Analytical Work Order Number:
Field	SAMPLE COLLECTION	DILLECTION		Z	Number of Sa			SAMPLE	NOLTOIO	Hq) bləi empera	BOD'	inomm	ecal Co			n	hore wh
Number	Date/s	Time/s	Grab	Comp	Bottles	Matrix	DENTIFICA	IDEN I IFICATION/ DESCRIPTION			5,	4				2	14~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Le/12	12.4 m	×		3	Water Lagoon	Discharge (Lagoon Discharge Grab (Wynne)	(6)		×	×					01
	(e, my	/130	×		0	vater Lagoon	Discharge	Field Analysi	Water Lagoon Discharge Field Analysis (AR Analytical)	×							02
				-													
						ONSIT	E MEASUR	EMENTS by	ONSITE MEASUREMENTS by Arkansas Analytical	tical DATE	1	12/24					
								Sample	Duplicate	g		QC Duplicate	Ite			-	
						d	pH (S.U.)	876	282	204	0	20	Field Cal	Field Calibration Record	ecord [DATE	lapel
							Time	130	113	810	\sim	33	pH / Time		D.O.	, ct	Chlorine
						Temper	Temperature (°C)	2.12	27,2	29.	6	2.66	4		Time	QC Time	ne
							Time	130	135.	Sio	00	3	7				
						Dissolv	Dissolved Oxygen (mg/L)	11:24	11.39			1	10	0	Slope	2	
							Time	130	1135			l	Sas				
1. Relinguished by: (Signature)	v: (Signature)	Date/Time		2. Rec	eived by	2. Received by: (Signature)		SAMPLE (SAMPLE CONDITION UPON RECEIPT IN LAB	RECEIPT	IN LAB		REM	ARKS / S	REMARKS / SAMPLE COMMENTS	COMMEN	ITS
11		10/17			1	1242	<u>+</u>	CUSTODY SEALS:	:ALS:	Yes	No						
111.					6	tr/st	<u>, 2</u>	CONTAINERS CORRECT:	S CORRECT:	Yes	No		x				
N N				/)	3	3.	COC/LABELS AGREE:	AGREE:	Yes	No						
3. Relinquished by: (Signature)	y: (Signature)	Date/Time		4. Rec	eived by	4. Received by lab: (Signature)		4. RECEIVED ON ICE:	N ICE:	Ves	No						
		1		-				TEMPERATU	5. TEMPERATURE ON RECEIPT:	ç V							
X		hSh1,		t	SUUL	anny mind		TEMPERATURE GUN ID:	RE GUN ID:	HHT#	10						
Revision		pr/2/2)				FOF	FOR COMPLETION BY LAB ONLY	Y LAB ONL	>						



26 June 2024

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

Project: Lagoon Discharge Sample Project Number: June 2024 SDG Number: 2406503

Enclosed are the results of analyses for samples received by the laboratory on 19-Jun-24 14:15. 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,

Norma

Norma James Technical Director

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 19-Jun-24 14:15

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoo	2406503-01 n Discharge Grab (V 6/19/24 10:00 Water	Vynne)			
Wet Chemistry	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Ammonia as N	mg/L	< 0.500		6/21/24 7:50	B406470	SM 4500-NH3 B,D,C-2021/EPA
Fecal Coliforms	MPN/100 mL	1800		6/19/24 14:40	B406458	IDEXX Colilert-18
TSS	mg/L	39.4		6/20/24 16:15	B406416	SM 2540 D-2015
CBOD	mg/L	13.8		6/21/24 6:50	B406462	SM 5210B-2016
ANALYTICAL RESULTS						

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoon D	2406503-02 Discharge Field Analysis (AF 6/19/24 12:15 Water	R Analytical)			
Field Analyses	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	Batch	<u>Method</u>
Dissolved Oxygen	mg/L	10.7		6/19/24 12:15	B406508	SM 4500-O G-2011
рН	S.U.	8.24		6/19/24 12:15	B406506	SM 4500-H+ B-2011
Temperature	°C	28.0		6/19/24 12:15	B406507	SM 2550B-2000



Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 19-Jun-24 14:15



	Prepared: 20	Wet Chemistry Bate -Jun-24 16:15 Bv: MH	ch: B406416 (Water) Analyzed: 20-Jun-24 16:	15 Bv: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	92.0% / 94.0%	NA / NA		2.15%	
		Wet Chemistry Bato				
	-	9-Jun-24 14:40 By: KJ	Analyzed: 19-Jun-24 14:			
<u>Analyte</u>	BLK	LCS / LCSD	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	Qualifiers
Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	79 MPN/100 mL	22.3%	
		Wet Chemistry Bato				
	Prepared: 21	-Jun-24 06:50 By: KD	Analyzed: 21-Jun-24 06:	50 By: KD		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	<u>RPD</u>	Qualifiers
CBOD	<2.00 mg/L	113% / 136%	NA / NA		18.7%	
		Wet Chemistry Bate				
		_	Analyzed: 21-Jun-24 07:	-		
Analyte	<u>BLK</u>	LCS / LCSD	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	Qualifiers
Ammonia as N	<0.500 mg/L	99.5% / NA	93.6% / 94.2%		0.606%	
		Field Analyses Bato	· · ·			
			Analyzed: 19-Jun-24 10:	-		0 110
Analyte	BLK	LCS / LCSD	MS / MSD	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
pH (Field)	NA	100% / 100%	NA / NA		0.143%	
		Field Analyses Bate				
			Analyzed: 19-Jun-24 10:			
Analyte	<u>BLK</u>	LCS / LCSD	<u>MS / MSD</u>	Dup	<u>RPD</u>	<u>Qualifiers</u>
Temperature (Field)	NA	NA / NA	NA / NA	27.8 °C	0.360%	
	Prepared: 19	Field Analyses Bato -Jun-24 10:20 By: MH	ch: B406508 (Water) Analyzed: 19-Jun-24 10:	20 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	<u>Dup</u>	RPD	Qualifiers
Dissolved Oxygen (Field)	NA	NA / NA	NA / NA	6.88 mg/L	0.583%	<u>wuanners</u>
Discontra Oxygen (Field)			11/1 / 11/1	0.00 mg/L	0.00070	

Arkansas Analytical

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 19-Jun-24 14:15

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.

orma. am

Reviewed by:

(and)	D
alytical	
Arkansas Analytica	Inc.
Ark	

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION	MATION				Project Description	cription	Turnaround Time				Preserva	Preservation Codes:	S:	
Tyson Poultry, Inc.	Inc.				Week 3 Effluent Samples	it Samples	1 Day (100%)	1. Cool, 6	Degrees	Cool, 6 Degrees Centigrade		4. Thi	4. Thiosulfate for Dechlorination	lorination
100 East Cassady St.	dy St.						2 Day (50%)	2. Sulfuri	ic Acid (F	2. Sulfuric Acid (H ₂ SO ₄), pH < 2	:2	5. Hyd	5. Hydrochloric Acid(HCl)	(ICI)
Nashville, AR 71852	1852				Reporting Information	ormation	3 Day (25%)	3. Nitric	Acid (HN	Nitric Acid (HNO ₃), pH < 2		6. Sodi	um Hydroxide (I	6. Sodium Hydroxide (NaOH), pH > 12
					Telephone: 870-845-7666	1-845-7666 C	5 Day (Routine)		Г	TEST	PARAME	ETERS		Bottle Type Code
Attn: Dale Patr	Attn: Dale Patrick/Philip Mascarenas	irenas			Email: dale.patrick@tyson.com;	@tyson.com;	Preservative Code:	-	-	1,2				G = Glass; P = Plastic
					philip.mascarenas	s@tyson.com	Bottle Type:	۵.	۵.	٩				V = Septum; $A = $ Amber
2 4		N	N	and and	1 washer fall				əlduloS					Arkansas Analytical Work
Sampler(s) Signature	nature		Sampler(s) Printed	Printed	_				'SS					
Field Number	SAMPLE C	SAMPLE COLLECTION Date/s Time/s	Grab Comp	Number of Sample Bottles Matrix		SAMPLE IDENTIFICATION/ DESCRIPTION	RIPTION	SQT	COD TSS, VS	COD				2401/013
	6/19/2	7.53 12	×	1 Wa	water Effluent Grab			×						01
	61912	7.50 42	×	2 Wi	water Ditch Grab				×	×				02
1. Relinquished by: (Signature)	y: (Signature)	Date/Time		eived by:	2. Received by: (Signature)	SAMPLE C	SAMPLE CONDITION UPON RECEIPT IN LAB	RECEIPT	IN LAB		REMA	RKS / S/	REMARKS / SAMPLE COMMENTS	MENTS
		11/2/17	J N.	a	edon o	1. CUSTODY SEALS:	STR:	Yes						
her) c	10:00 MM		6-19-941	#/1013	2. CONTAINERS CORRECT: 3. COC/LABELS AGREE:	CORRECT: AGREE:	Yes	8 8					
3. Relinquished by: (Signature)	y: (Signature)	Date/Time		eived by I	4. Received by lab: (Signature)	4. RECEIVED ON ICE:		Yes	N					
	ono	6-19-27		NUUL	ANNU NUMA	 TEMPERATURE ON RECEIPT: TEMPERATURE GUN ID: 		HHT#	5					
		CYEI					FOR COMPLETION BY LAB ONLY	AB ONL						

Revision 3 1/4/16



03 July 2024

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

Project: Lagoon Discharge Sample Project Number: June 2024 SDG Number: 2406677

Enclosed are the results of analyses for samples received by the laboratory on 26-Jun-24 14:30. 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,

Norma

Norma James Technical Director

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 26-Jun-24 14:30

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoo	2406677-01 n Discharge Grab (V 6/26/24 10:00 Water	Vynne)			
Wet Chemistry	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	Batch	Method
Ammonia as N	mg/L	< 0.500		6/28/24 8:47	B406635	SM 4500-NH3 B,D,C-2021/EPA
Fecal Coliforms	MPN/100 mL	230		6/26/24 15:20	B406642	IDEXX Colilert-18
TSS	mg/L	22.5		6/27/24 16:40	B406620	SM 2540 D-2015
CBOD	mg/L	6.98		6/27/24 6:55	B406602	SM 5210B-2016
ANALYTICAL RESULTS						

Lab Number: Sample Name:	Lagoon D	2406677-02 Discharge Field Analysis (AR	Analytical)			
Date/Time Collected:		6/26/24 11:08				
Sample Matrix:		Water				
Field Analyses	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Dissolved Oxygen	mg/L	5.80		6/26/24 11:08	B406658	SM 4500-O G-2011
pН	S.U.	8.41		6/26/24 11:08	B406656	SM 4500-H+ B-2011
Temperature	°C	30.6		6/26/24 11:08	B406657	SM 2550B-2000

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 26-Jun-24 14:30



	Prepared: 27	Wet Chemistry Bate Jun-24 06:55 Bv: MB-	ch: B406602 (Water) · Analyzed: 27-Jun-24 06	:55 Bv: KD		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	<u>RPD</u>	Qualifiers
CBOD	<2.00 mg/L	130% / 132%	NA / NA		1.12%	
		Wet Chemistry Bate	ch: B406620 (Water)			
	Prepared: 27	-Jun-24 16:40 By: MH	Analyzed: 27-Jun-24 16	40 By: MH		
<u>Analyte</u>	<u>BLK</u>	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	92.0% / 88.0%	NA / NA		4.44%	
	Prepared: 28	Wet Chemistry Bat 3-Jun-24 08:47 By: KJ	ch: B406635 (Water) Analyzed: 28-Jun-24 08:	47 By: KJ		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Ammonia as N	<0.500 mg/L	93.1% / NA	92.1% / 92.0%		0.0964%	
	Prepared: 20	Wet Chemistry Bate 6-Jun-24 15:20 By: KJ	ch: B406642 (Water) Analyzed: 26-Jun-24 15	20 Bv: KJ		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	ND MPN/100 mL	NA	
	Prenared: 26	Field Analyses Bate	ch: B406656 (Water) Analyzed: 26-Jun-24 09:	12 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH (Field)	NA	100% / 100%	NA / NA		0.143%	
		Field Analyses Bate				
	-		Analyzed: 26-Jun-24 13	_		
Analyte	BLK	LCS / LCSD	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Temperature (Field)	NA	NA / NA	NA / NA	30.0 °C	0.00%	
	Prepared: 26	Field Analyses Bate -Jun-24 13:10 By: MH	ch: B406658 (Water) Analyzed: 26-Jun-24 13:	10 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Dissolved Oxygen (Field)	NA	NA / NA	NA / NA	6.73 mg/L	0.447%	

03 July 2024

Arkansas Analytical

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: June 2024 Date Received: 26-Jun-24 14:30

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.

orma. am

Reviewed by:



CHAIN OF CUSTODY RECORD

CLIENT INFORM	NT INFORMATION Project Des						Project Des	cription	Turnaround Time				Preservation Codes:						
Wynne Water U	tilities						Lagoon Dischar	rge Sample	1 Day (100%)	1. Cool	, 6 Degr	ees Centi	grade			4. Thio	sulfate f	or Dechl	lorination
121 East Merrim	nan						Weekly Sa	ample	2 Day (50%)	2. Sulfi	ric Acid	(H ₂ SO ₄)	, pH < 2			5. Hydi	rochlori	c Acid(H	.Cl)
Wynne, AR 7239	96						Reporting Inf	ormation	3 Day (25%)	3. Nitri	c Acid ()	HNO3), p	H < 2			6. Sodiu	ım Hydı	oxide (N	aOH), pH > 12
							Telephone: 870	-238-2751	5 Day (Routine)	>		TES	ΤР	ARA	MET	ERS			Bottle Type Code
Attn: Josh Wea	ver						Fax: 870-23	8-2044	Preservative Code:	1	1	1,2	1,4						G = Glass; P = Plastic
						E	mail: jweaver.ww	u@gmail.com	Bottle Type:	P	Р	Р	Р						V = Septum; A = Amber
Sampler(s) Sign Field		OLLECTION	Sam	oler(s)			Weever- HIJSI HARSI	SAMPLE		Field (pH, D.O., Temperature)	CBOD, TSS	onia	Fecal Coliform						Arkansas Analytical Work Order Number:
Number	Date/s	Time/s	Grab	Comp	Number of Bottles	Sample	Sample Matrix IDENTIFICATION/ DESCRIPTION					Ammonia	eca						240677
	L./26	loAm	X	Comp	3	1	Water Lagoon Discharge Grab (Wynne)				 X		X						
		1108									^	Х	~						01
	626,24	1108	X		0	vvater	Vater Lagoon Discharge Field Analysis (AR Analytical)												02
	/																		
												1 1							
							ONSITE MEASUREMENTS by Arkansas Analytic					/ /							
							Sample Duplicate				С	QC Du							
							pH (S.U.) 841 845			70	D1 70 Field Calibration Record DATE: D 9/2 pH / Time D.O. Ch					6/26/24			
							Time					912		рН /	Time	D.	0.		Chlorine
		· · · · · · · · · · · · · · · · · · ·					Temperature (°C)	30.6 30.7		28.	0	28.7		4		Tir	me	QC	Time
							Time	1108	1113	910	>	912	-	7	,		/	1	
							Dissolved Oxygen (mg/L)	580	578					10 1	/	Slo	ре	2	
							Time	1/18	11/3					90	5	/			
1. Relinguished by	: (Signature)	Date/Time		2. Rec	eived I	oy: (Si	gnature)	SAMPLE C	ONDITION UPON F	RECEIPT	IN LAE	3	REMARKS / SAMPLE COMMENTS						
1		Le/24			1	121		1. CUSTODY SEA	ALS:	Yes	3	No							
feel	-				6	26:	U	2. CONTAINERS	CORRECT	Yes		No							
· · · ·				X	-	1						l l							
						~		3. COC/LABELS A		res	sI	NO							
3. Relinguished by:	(Signature)	Date/Time		4. Rec	eived b	by lab:	(Signature)	4. RECEIVED ON		Yes	s!	NO							
		1430				110	m	5. TEMPERATUR	E ON RECEIPT:	3℃	G	ŀ							
12a		626,24		X	M	Va	m	6. TEMPERATUR	E GUN ID:	HHT#	7								
Revision 3 1/4/16		11.		U.				FOR C	COMPLETION BY L	AB ONL	Y								