

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

02 April 2024

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

Project: Lagoon Discharge Sample Project Number: March 2024 SDG Number: 2403649

Enclosed are the results of analyses for samples received by the laboratory on 27-Mar-24 14:53. 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

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ANALYTICAL RESULTS

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoo	2403649-01 n Discharge Grab (W 3/27/24 10:00 Water	/ynne)			
Wet Chemistry	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	Date/Time Analyzed	Batch	Method
Ammonia as N	mg/L	9.74		4/1/24 8:15	B404006	SM 4500-NH3 B,D,C-2011
Fecal Coliforms	MPN/100 mL	2000		3/27/24 15:40	B403663	IDEXX Colilert-18
TSS	mg/L	24.5		3/28/24 16:15	B403629	SM 2540 D-2015
CBOD	mg/L	4.39		3/28/24 7:59	B403639	SM 5210B-2016

ANALYTICAL RESULTS

Lab Number: Sample Name: Date/Time Collected: Sample Matrix:	Lagoon D	2403649-02 ischarge Field Analysis (AR 3/27/24 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	6.99		3/27/24 11:30	B404023	SM 4500-O G-2011
pН	S.U.	7.31		3/27/24 11:30	B404021	SM 4500-H+ B-2011
Temperature	°C	15.1		3/27/24 11:30	B404022	SM 2550B-2000

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QUALITY CONTROL RESULTS

	Prepared: 28	Wet Chemistry Bate Mar-24 16:15 By: MH-	ch: B403629 (Water) Analyzed: 28-Mar-24 16:	15 Bv: MH		
Analyte	BLK		<u>MS / MSD</u>	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	102% / 102%	NA / NA		0.00%	
		Wet Chemistry Bate				
	Prepared: 28	-Mar-24 07:59 By: MB	Analyzed: 28-Mar-24 07:	59 By: KD		
<u>Analyte</u>	<u>BLK</u>	LCS / LCSD	<u>MS / MSD</u>	Dup	<u>RPD</u>	Qualifiers
CBOD	<2.00 mg/L	102% / 105%	NA / NA		3.12%	
	Drepered: 22	Wet Chemistry Bate				
Analuta	BLK	-Mar-24 15:40 By: KJ LCS / LCSD	Analyzed: 27-Mar-24 15: MS / MSD	40 Бу: КЈ <u>Dup</u>	RPD	Qualifiers
<u>Analyte</u> Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	3 MPN/100	200%	Quaimers
				mL	20070	
	Duo a out de Od	Wet Chemistry Bate				
Analyte	BLK	LCS / LCSD	Analyzed: 01-Apr-24 08: MS / MSD	<u>Тэ Бу: КЈ</u> Dup	RPD	Qualifiers
Ammonia as N	<0.500 mg/L	104% / NA	107% / 104%	<u></u>	2.44%	Quaimers
		Field Analyses Bate	· · ·			
	Prepared: 27	-Feb-24 09:10 By: MH	Analyzed: 27-Feb-24 09:	10 By: MH		
<u>Analyte</u>	<u>BLK</u>	LCS / LCSD	<u>MS / MSD</u>	Dup	<u>RPD</u>	<u>Qualifiers</u>
pH (Field)	NA	101% / 101%	NA / NA		0.00%	
	Drenered: 07	Field Analyses Bate		25 D.v. MU		
Averal de			Analyzed: 27-Mar-24 13:	_		Qualifiara
<u>Analyte</u>	<u>BLK</u>		MS/MSD	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Temperature (Field)	NA	NA / NA	NA / NA	16.0 °C	0.627%	
	Prepared: 27	Field Analyses Bato -Mar-24 13:35 By: MH	:h: B404023 (Water) Analyzed: 27-Mar-24 13:	35 By: MH		
Analyte	BLK	LCS / LCSD	<u>MS / MSD</u>	Dup	RPD	Qualifiers



02 April 2024

Arkansas Analytical

Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396 Project: Lagoon Discharge Sample Project Number: March 2024 Date Received: 27-Mar-24 14:53

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:

Norma James Technical Director

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/	alytical		All and a second
	Vrkansas Analyticc	Inc.	
	Ar		

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

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION	MATION				H	Project Description	scription	Turnaround Time					reservat	Preservation Codes:	:8:		
Wynne Water Utilities	Itilities					Lagoon Discharge Sample	arge Sample	1 Day (100%)	1. Cool,	6 Degree	1. Cool, 6 Degrees Centigrade	ade		4. Thic	4. Thiosulfate for Dechlorination	r Dechlor	ination
121 East Merriman	nan					Weekly Sample	Sample	2 Day (50%)	2. Sulfu	ric Acid (Sulfuric Acid (H ₂ SO ₄), pH < 2	H < 2		5. Hyd	5. Hydrochloric Acid(HCl)	Acid(HCl	()
Wynne, AR 72396	96					Reporting Information	formation	3 Day (25%)	3. Nitric	: Acid (H	Nitric Acid (HNO ₃), pH	< 2		6. Sodiı	um Hydro	oxide (NaC	6. Sodium Hydroxide (NaOH), pH > 12
						Telephone: 870-238-2751	10-238-2751	5 Day (Routine)	~		TEST	VP A	RAME	AMETERS	1000		Bottle Type Code
Attn: Josh Weaver	Iver					Fax: 870-2	870-238-2044	Preservative Code:	-	-	1,2	1,4					G = Glass; P = Plastic
						Email: jweaver.wwu@gmail.com	wu@gmail.com	Bottle Type:	Р	Ч	٩	٩					V = Scptum; A = Amber
Sampler(s) Signature	Inture A		Samo	Los Samuler(s) Printed-3	Lo Vrinted	Josh Wener			rıc) D'O''	S		form					Arkansas Analytical Work Ordor Mumbor
Field Number	SAMPLE (Date/s	SAMPLE COLLECTION Date/s Time/s	Grab	Comp	Number of Sa Bottles M	e × e	SAMPLE SAMPLE IDENTIFICATION/ DESCRIPTION	RIPTION	Field (pH, Temperat	CBOD' 12	sinommA	Fecal Coli				151	403utg
	3/27	101 2				Water Lagoon Discharge Grab (Wynne)	arge Grab (Wynne	(6		×	×	×					0
	3, DIRY	1130	×		0	water Lagoon Discharge Field Analysis (AR Analytical)	arge Field Analysi	s (AR Analytical)	×								60
					+	ONSITE MEA	ONSITE MEASUREMENTS by Arkansas Analytical DATE	Arkansas Analyti	ical D		KI CC						
							Sample	Duplicate	gC			cate					
						pH (S.U.)	1	734	216	~	208	the second se	ld Calibr	Field Calibration Record	1	DATEZ	KULL
						Time	e 1136	112/	30	ch	3/6	Hd	/ Time	D.0		10	Chlorine
						Temperature (°C)	15.1	15.2	16.1		6.6	4		ļ		QC TI	Time
						Time	e 1130	135	305		310	2					
						Dissolved Uxygen (mg/L)	699	263	2			10		Slo	Slope	2	
					_	Time	9 //30	125				0	36	1			
1. Relinquished by: (Signature)	: (Signature)	Date/Time	- 41	2. Received by: (Signa	ved by:	: (Signature)	SAMPLE C	SAMPLE CONDITION UPON RECEIPT IN LAB	RECEIPT	IN LAB		-	REMAR	REMARKS / SAMPLE COMMENTS	MPLE C	OMMER	VTS
/ Lat		3/21				1141	1. CUSTODY SEALS:	ALS:	V Yes	No							
1/1				1	(r	mill	2. CONTAINERS CORRECT:	CORRECT:	Yes	N							
N N				Z	N	· ·	3. COC/LABELS AGREE:	AGREE:	Yes	No							
3. Relinquished by: (Signature)	: (Signature)	Date/Time	~	4. Recei	ved by	4. Received by lab: (Signature)	4. RECEIVED ON ICE:	ICE:	Yes	No							
		11150		16	Nata	Natasha	5. TEMPERATURE ON RECEIPT:	E ON RECEIPT:	° °	20							
	R	202	0	U	Howard	rand	6. TEMPERATURE GUN ID		HHT#	4							
14/16		milai c	5				FOR	FOR COMPLETION BY LAB ONLY	-AB ONL	~							