NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality NPDES Enforcement Section 5301 Northshore Drive North Little Rock, AR 72118

RE: NPDES	S Permit	No: <u>AR002190</u>	33Dis	charge Number: <u>C</u>	JUTTALL 001
Facility:	CI	TY OF WYNNE	<u>. </u>		
Address: _	545	BOWDEN RO	AD		
City: _	WYN	INE	St	ate: <u>AR</u> Zip: _	72396
Contact: _	BLAKE	MAROTTI	Ph	one: <u>(870) 238</u>	-2751
Date of Non-Comp	liance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
				3.525 Mg/L	L=2.1 MG/L MO AVG
05/28/20		NITROGEN, AMMONIATOTIC		12.6 Mo/L	6=4.5 Mb/L 7 DA AVG
05/28/20	19	NETROGEN, AMMONTA TOTAL		12.6 14	2-40 /LT DA AVG
			19		
We plan or	4 0.5	ting the problem i	n this manner:	SULT IS THE MENTS	e e
NTTRNGA	RESULT	of 60.500 MG/L	THE PRITOR INCOME	4 SAMPLE COLLECTED	BEFORE THE
EXCEBDAN	CE, ON	05/21/2019, HAD F	IN AMMONTA NETROC	EN RESULT OF 60.5	60 MU/L. THUS, WE
FEEL THAT	THE DI	SCREPANCY HAS BE	EN RESOLVED. ANALY	HICAL RESULTS FOR T	HE WEEKLY SAMPLES
ARE ATTACHE	O,	at it will take to co	rrect problem: 2	51/5	
As som	- 00mg	E DUG TO THE A	NO UTCO PESSION	ST AT MINIMUM RO	PALTINE LEVELS
FINE AMANA	A ALTER	regal Break AND	AFTER THE EVIE	EDANCE, WE FEEL TH	OF THE PERMIT
		ie has Been Reso		EDITAGE ME I GOOD III	
EREELAIV		ic into trais read			
Sincerely,					
Authorized	d Signati	ure	Date	06/17/2019	
	- 3				



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

29 May 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 SDG Number: 1905323

Enclosed are the results of analyses for samples received by the laboratory on 22-May-19 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 4.0	°C

Sincerely,

Norma James and/or Teresa Coins

noma James / Cleresa Coins

Technical Director and/or QA Officer

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29 May 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 22-May-19 15:55



ANALYTICAL RESULTS

Lab Number:

1905323-01

Sample Name:

Sample Matrix:

Outfall Composite - 6hr (Wynne)

Date/Time Collected:

5/21/19 22:00 Water

Wet Chemistry
Ammonia as N

<u>Units</u> <u>Result</u> mg/L < 0.500

5/28/19 15:03 5/24/19 10:05

Date/Time Analyzed

 Batch
 Method

 B905467
 SM 4500-NH3 B,D,C-2011

 B905432
 I-3765-85/SM2540 D-2011

TSS CBOD mg/L **1.50** mg/L < 2.00

5/23/19 8:34

SM 5210 B-2011, Hach 10360

ANALYTICAL RESULTS

Lab Number:

1905323-02

Sample Name: Date/Time Collected: Outfall Grab (Wynne) 5/22/19 10:00

Sample Matrix:

Water

Wet Chemistry
Fecal Coliforms

Units MPN/100 mL Result 33 Qualifier(s) Date/Time Analyzed 5/22/19 16:25

Qualifier(s)

Batch B905425

B905417

Method

IDEXX Colilert-18

ANALYTICAL RESULTS

Lab Number:

1905323-03

Sample Name:

Outfall Grab - Field Analysis (AR Analytical)

Date/Time Collected: Sample Matrix: 5/22/19 12:45

рΗ

Water

<u>Field Analyses</u> Dissolved Oxygen
 Units
 Result

 mg/L
 9.26

 S.U.
 7.09

<u>Qualifier(s)</u> <u>Date/Time Analyzed</u> 5/22/19 12:48 5/22/19 12:45 Batch B905453 B905452 Method SM 4500-O G-2011 SM 4500-H+ B-2011 29 May 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 22-May-19 15:55

QUALITY CONTROL RESULTS

QUALITY CONTROL RESUL	LTS					
		Wet Chemistry Batcl	n: B905417 (Water)			
	Prepared: 23	-May-19 08:34 By: HF A	Analyzed: 23-May-19 08:	34 By: ST		
<u>Analyte</u>	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
CBOD	<2.00 mg/L	95.6% / 89.7%	NA / NA		6.35%	
		Wet Chemistry Batcl	n: B905425 (Water)			
	Prepared: 22	-May-19 16:25 By: CJ A	Analyzed: 22-May-19 16:	:25 By: CJ		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	400 MPN/100	31.9%	
				mL		
		Wet Chemistry Batc	h: B905432 (Water)			
	Prepared: 24-	-May-19 10:05 By: MH A	Analyzed: 24-May-19 10	:05 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	97.0% / 101%	NA / NA		4.04%	
		Field Analyses Batc	h: B905452 (Water)			
	Prepared: 22	-May-19 10:11 By: MH A	Analyzed: 22-May-19 10	:11 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH (Field)	NA	100% / 100%	NA / NA		0.142%	
		Field Analyses Batc	h: B905453 (Water)			
	Prepared: 22	-May-19 10:28 By: MH	Analyzed: 22-May-19 10	:28 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Dissolved Oxygen (Field)	NA	NA / NA	NA / NA	9.04 mg/L	0.221%	
		Wet Chemistry Batc	h: B905467 (Water)			
	Prepared: 28	B-May-19 08:11 By: EP	Analyzed: 28-May-19 15	:03 By: EP		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	<u>Qualifiers</u>
Ammonia as N	<0.500 mg/L	77.1% / N A	83.6% / 83.5%		0.164%	

Arkansas Analytical Inc. 29 May 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 22-May-19 15:55

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.

Reviewed by:

Norma James and/or Teresa Coins Technical Director and/or QA Officer

Mormo James/ Cleresa Cains

Arkansas Analytical



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

CHAIN OF CUSTODY RECORD

Revision 3	7		3. Relinquished by: (Signature)	1	Mily /	Lat		1. Relingµished by: (Signature)										Number	Field	Sampler's) Signature		Attn: Josh Weaver		Wynne, AR 72396	121 East Merriman	Wynne Water Utilities	CLIENT INFORMATION
					4			(Signature)		,					Charle	5/20	5/21	Date/s	SAMPLE COLLECTION	signature L		-			7	ties	TION
last.	1000	X < <	Date/Time			121	5/72	Date/Time							1245	1000	1600-2200	Time/s	LLECTION								
	J)														×	×		Grab		Samp							
	({	2	4. Rece	1	2			2. Rece			1.						×	Comp B	Z	ler(s) P							
00	1	Par De	Received by lab: (Signature)	1	22/	1235		Received by: (Signature)							0 W	<u>→</u>	2 Wa	Bottles Matrix	Number	(s) Printed						l p	
	5		lab: (Sic			3	\	(Signat		Diss				ON N	ater Out	ater Out	ater Out	nple trix		men Som	Email:		Te	Re		ost Aer	-0
· ·		:		A Commence of the commence of				ure)	Time	Dissolved Oxygen	Time	PH		SITE MEASL	Water Outfall Grab - Field Analysis	Water Outfall Grab	Water Outfall Composite - 6hr	IDENTIFIC		Sampler(s) Printed MANY HAXXA	Email: jweaver.wwu@gmail.com	Fax: 870-238-2044	Telephone: 870-238-2751	Reporting Information	Weekly Sample	ation Basin C	Project Description
FOR	6. TEMPERATURE GUN ID:	5. TEMPERATURE ON RECEIPT:	4. RECEIVED ON ICE:	3. COC/LABELS AGREE	2. CONTAINERS CORRECT:	I. CUSTODI SEALS.	1 CHSTODY SE	SAMPLE C	1248	926	1245	209	Sample	JREMENTS by	eld Analysis	rialis de la marca de la m	e - 6hr	IDENTIFICATION/ DESCRIPTION	SAMPLE	**	@gmail.com	.2044	238-2751	rmation	nple	Post Aeration Basin Outfall Sample	iption
FOR COMPLETION BY LAB	RE GUN ID:	RE ON RECEIPT:	I ICE:	AGREE:	CORRECT	ALO.	AI S:	SAMPLE CONDITION UPON RECE	1249	928	1241	210	Duplicate	ONSITE MEASUREMENTS by Arkansas Analytical				RIPTION			Bottle Type:	Preservative Code:	5 Day (Routine)	3 Day (25%)	2 Day (50%)	1 Day (100%)	Turnaround Time
LAB OF	#THH	T o	4 Yes	Yes	Yes	100	<				101	12	0		×			Fie	ld (pl	H, D.O.)	P			3. Nitri	2. Sulfu	1. Cool	
ONLY	6				-			PT IN LAB			10	763	8	DATE: \$			×	СВ	OD,	TSS	٦			c Acid (H	ric Acid	6 Degree	
			No	No	No		N _O				1011	20%	QC Dup	pails			×	Arr	mon	ia	P	1,2	TEST	Nitric Acid (HNO ₃), pH < 2	2. Sulfuric Acid (H,SO4), pH < 2	1. Cool, 6 Degrees Centigrade	
						1	FLOW RATE -				7	4	licate p			×		Fe	cal C	oliform	P	1,4	PA	<2)H < 2	ade	
					0.5	>	RATE -	REMARK	*	10		1005	QC Duplicate pH / Time	ield Calibrat									ARAMET				Preservation Codes:
					300	3		S / SAMPLE	95.0	Slope	Til	Time	D.O.	Field Calibration Record									ERS	6. Sodium Hyd	5. Hydrochloric Acid(HCl)	4. Thiosulfate	1 Codes:
								REMARKS / SAMPLE COMMENTS		172		QC Time	Chlorine	DATE:Smils	0.3	02	30	705323-	10073-	Arkansas Analytical Work Order Number:	V = Septum; A = Amber	G = Glass; P = Plastic	Bottle Type Code	6. Sodium Hydroxide (NaOH), pH > 12	ic Acid(HCl)	Thiosulfate for Dechlorination	



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

05 June 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 SDG Number: 1905389

Enclosed are the results of analyses for samples received by the laboratory on 29-May-19 15:20. 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	4.0°C

Sincerely,

Norma James and/or Teresa Coins

Norma James / Cleresa Cains

Technical Director and/or QA Officer

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: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 29-May-19 15:20





ANALYTICAL RESULTS

Lab Number:

1905389-01

Sample Name:

Outfall Composite - 6hr (Wynne)

Date/Time Collected:

5/28/19 22:00

Sample Matrix:

Water

Wet Chemistry <u>Units</u> Result Qualifier(s) Date/Time Analyzed <u>Batch</u> Ammonia as N mg/L 12.6 5/31/19 7:34 B905524 TSS mg/L 1.00 5/31/19 10:05 B905520 CBOD mg/L < 2.00 B905508 5/30/19 7:19

I-3765-85/SM2540 D-2011 SM 5210 B-2011, Hach 10360

Method

SM 4500-NH3 B,D,C-2011

ANALYTICAL RESULTS

Lab Number:

1905389-02

Sample Name: Date/Time Collected: Outfall Grab (Wynne) 5/29/19 10:00

Sample Matrix:

Water

Wet Chemistry Fecal Coliforms

Units

Result

Qualifier(s) Date/Time Analyzed Batch

Method

MPN/100 mL

93

5/29/19 15:52

B905530

IDEXX Colilert-18

ANALYTICAL RESULTS

Lab Number: Sample Name: 1905389-03

Outfall Grab - Field Analysis (AR Analytical)

Date/Time Collected: Sample Matrix: 5/29/19 12:50 Water

Field Analyses **Units** Result Dissolved Oxygen mg/L 9.41 S.U. 7.19

5/29/19 12:53 5/29/19 12:50

Date/Time Analyzed

Qualifier(s)

<u>Batch</u> B906039 B906041

Method SM 4500-O G-2011 SM 4500-H+ B-2011 Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 29-May-19 15:20



QUALITY CONTROL RESULTS

	Prepared: 30	Wet Chemistry Bate	h: B905508 (Water) Analyzed: 30-May-19 07	':19 Bv: ST		
Analyte CBOD	<u>BLK</u> <2.00 mg/L	LCS / LCSD 100% / 100%	MS / MSD NA / NA	<u>Dup</u>	<u>RPD</u> 0.00%	Qualifiers
	Prepared: 31-	Wet Chemistry Bato May-19 10:05 By: MH	h: B905520 (Water) Analyzed: 31-May-19 10	:05 By: MH		
Analyte TSS	<u>BLK</u> <1.00 mg/L	LCS / LCSD 89.0% / 92.0%	MS / MSD NA / NA	Dup	<u>RPD</u> 3.31%	Qualifiers
	Prepared: 31	Wet Chemistry Bato -May-19 07:34 By: EP	h: B905524 (Water) Analyzed: 31-May-19 07	:34 By: EP		
Analyte Ammonia as N	<u>BLK</u> <0.500 mg/L	<u>LCS / LCSD</u> 95.3% / NA	MS / MSD 98.6% / 94.6%	Dup	<u>RPD</u> 2.72%	Qualifiers
	Prepared: 29	Wet Chemistry Bato -May-19 15:11 By: CJ	h: B905530 (Water) Analyzed: 29-May-19 15	:11 By: CJ		
Analyte Fecal Coliforms	BLK <1 MPN/100 mL	LCS / LCSD NA / NA	MS / MSD NA / NA	Dup ND MPN/100 mL	<u>RPD</u> NA	Qualifiers
	Prepared: 29-	Field Analyses Bato May-19 10:33 By: MH	h: B906039 (Water) Analyzed: 29-May-19 10	:33 By: M H		
Analyte Dissolved Oxygen (Field)	<u>BLK</u> NA	<u>LCS / LCSD</u> NA / NA	MS / MSD NA / NA	<u>Dup</u> 8.99 mg/L	<u>RPD</u> 0.111%	Qualifiers
	Prepared: 29-	Field Analyses Batc May-19 10:16 By: MH	h: B906041 (Water) Analyzed: 29-May-19 10	:16 By: MH		
Analyte pH (Field)	BLK NA	LCS / LCSD 101% / 100%	MS / MSD NA / NA	Dup	<u>RPD</u> 0.284%	Qualifiers

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

Project: Post Aeration Basin Outfall Sample

Project Number: May 2019 Date Received: 29-May-19 15:20

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.

Reviewed by:

Norma James and/or Teresa Coins Technical Director and/or QA Officer

72 orma James / Cheresa Cains



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

CHAIN OF CUSTODY RECORD

Post Aeration Basin Outfall Sample 10ay (100%) 1. Conl. 4. Degrees Centignate 10ay (100%) 2. Satinat Acid (1450), pil < 2 20ay (60%) 2. Satinat Acid (1450), pil < 2 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Satinat Acid (1450), pil < 3 2. Day (60%) 2. Day	CLIENT INFORMATION	NO					Project Description	ption	Turnaround Time					Preservation Codes:	n Codes:	
Times Time	Wynne Water Utilitie	S				Post	Aeration Basin O	utfall Sample		1. Cool,	6 Degre	es Centi	rade		4. Thiosulfate for L	Jechlorination
	121 East Merriman						Weekly Sam	ple		2. Sulfu	ric Acid	(H,SO,),	pH < 2		5. Hydrochloric Ac	id(HCI)
Teaproca 87/29/2761 Teaproca 87/29/2761 Teaproca 87/29/2764 Presonation close Teaproca 97/29/2764 Presonation close Teaproca 97/29/2764 Te	Wynne, AR 72396						Reporting Infor	mation		3. Nitri	c Acid (1	INO ₃), p	H < 2		6. Sodium Hydroxic	ie (NaOH), pH > 12
Tenat Dealer Tena							Telephone: 870-23	38-2751	5 Day (Routine)	×		S	ъ	ARAMET	ERS	Bottle Type Code
Email December 2007 P P P P P P P P P P P P P P P P P P	Attn: Josh Weaver						Fax: 870-238-2	044	Preservative Code:			1,2	1,4			G = Glass; P = Plastic
Sampler(s) Sampler(s) Printed Sampler(s) Sampler(s) Sampler(s) Sampler(s) Printed Sampler(s) Sampler(s) Sampler(s) Sampler(s) Printed Sampler(s) Sampler(s) Sampler(s) Sampler(s) Printed Pri						E	mail: jweaver.wwu@)gmail.com	Bottle Type:	Ъ	P	P	P			V = Septum; A = Amber
Sampler(s) Signature Sampler(s) Printed Debty Sampler S	7	ene.														
Sampler(s) Printed Sampler(s) Sampler	1 Hol	Meior				Josh		1		0.)			m			Arkansas Analytical Work
SAMPLE COLLECTION Mandard Sample	Sampler(s) Signature	The		Samp	er(s) F	rinted A	AHN MAN	XX		l, D.	rss	a	olifor			Order Number:
Number Date/s Time/s Case Semin DENTIFICATION DESCRIPTION E Ö	Field	SAMPLE COL	LECTION		Z	umber		SAMPLE		d (pH	DD, 7	moni	al Co			>
\$\frac{5}{28}		Date/s	Time/s			of Sample 3ottles Matrix	IDENTIFIC	ATION/ DESCI	RIPTION	Fiel	СВО	Amı	Fec			19850h1
S/25 1000 X 1	5	821	1600-2200		×		Outfall Composite) - 6hr			×	×				0
1,250 X 0	5	128	1000	×			Outfall Grab						×			93
13.50 AWA AVAIL	7	25,19	Jare	×			Outfall Grab - Fiel	ld Analysis		×				and the state of t		03
Mathematical Date	1		05.4													
Sample Duplicate DC Coluplicate DC Colu			THE THE													
ONSITE MEASUREMENTS by Arkansas Arialytical - DATE \$7.5 \$ Field Calibration Record - DATE \$7.2	The second and the se	Privare designativas estrata da casa academica cada cada cada cada cada cada cada c	3000													
Sample Duplicate QC QC Duplicate pH Time D.O.			120 1/2				ONSITE MEASU	REMENTS by A	vrkansas Analyti	11 '	DATE:S	129		Field Calibra		
Ph 7.19 726 705 703 44 Time 2.50 1257 1015								Sample	Duplicate	۵	C	QC Du	plicate	pH /Time	D.O.	Chlorine
Relinquished by: (Signature) Relinquished by: (Signature) Date/Time 2. Received by: (Signature) S/29 4. Received by lab: (Signature) 2. CONTAINERS CORRECT: Yes No FLOW RANCE CONT								7.19	726		N	703		4/0/0		
Relinquished by: (Signature) Relinquished by: (Signature) Date/Time 2. Received by: (Signature) S/29 4. Received by lab: (Signature) Revision 3 Dissolved Oxygen 7 44 743 1254 Time 1233 1254 1. CUSTODY SEALS: Yes No FLOW RA COC/LABELS AGREE: Yes No FLOW RA 4. Received by lab: (Signature) 4. Received by lab: (Signature) 5. TEMPERATURE ON RECEIPT: 4 °C B. TEMPERATURE GUN ID: HHT# FOR COMPLETION BY LAB ONLY			The second secon				Time	1250	1253	/a/	1	foll		7 /	1253	
Relinguished by: (Signature) Date/Time 2. Received by: (Signature) SAMPLE CONDITION UPON RECEIPT IN LAB 1. CUSTODY SEALS: Yes No FLOW RA Relinguished by: (Signature) Relinguished by: (Signature) Date/Time 4. Received by lab: (Signature) SZO Revision 3 FOR COMPLETION BY LAB ONLY Time 12.3 SAMPLE CONDITION UPON RECEIPT IN LAB 1. CUSTODY SEALS: Yes No FLOW RA FLOW RA FOR COMPLETION BY LAB ONLY FOR COMPLETION BY LAB ONLY							Dissolved Oxygen (CHC					10		
Relinguished by: (Signature) CUSTODY SEALS: Yes No							Time	3	1254						199.0	
Relinquished by: (Signature) Revision 3 5/29 1. CUSTODY SEALS: Yes No 2. CONTAINERS CORRECT: Yes No 4. Received by lab: (Signature) 4. RECEIVED ON ICE: Yes No 5/26, 15 4. Received by lab: (Signature) 5. TEMPERATURE ON RECEIPT: 4°C 6. TEMPERATURE GUN ID: HHT# FOR COMPLETION BY LAB ONLY	1. Relinguished by: (Sig		te/Time	10-3	Rece	ived by: (Si	mature)	SAMPLE CC	NDITION UPON F	RECEIP.	TINLA			REMARK	(S / SAMPLE CO	OMMENTS
Revision 3 2 CONTAINERS CORRECT: Yes	7	``	5/29					CUSTODY SEA	ĿS:	Ye		No.	FLOW	RATE -		
Relinquished by: (Signature) Date/Time 4. Received by lab: (Signature) 4. RECEIVED ON ICE: Yes Standard Procession 3 Revision 3 COC/LABELS AGREE: Yes 4. RECEIVED ON ICE: Yes 5. TEMPERATURE ON RECEIPT: 4°C 6. TEMPERATURE GUN ID: HHT# FOR COMPLETION BY LAB ONLY	Jest				************	2022	2.	CONTAINERS	ORRECT:	Ye		No		0	736	
Relinquished by: (Signature) 4. RECEIVED ON ICE: Yes 4. RECEIVED ON ICE: Yes 5. TEMPERATURE ON RECEIPT: 4°C 8. TEMPERATURE GUN ID: HHT# FOR COMPLETION BY LAB ONLY	1 July				7	1	3.		GREE:	Ye		No No			Provided Wash of the the Advantage forms and accommon sequences of the Advantage for	
5/25/19 January 6. TEMPER			te/Time	16		ived by lab:		RECEIVED ON	CE:	- +	-	8		ere protection de state appropriété estatistique à l'asses avec a contra		
Sizzis Piddle & TEMPER			Ry		2		>		ON RECEIPT:	100	7	***************************************				
Things I	120	And the second s	2 30/2		(7	11 .	GUN ID:	HHT#	1		-			
	Revision 3		1 1/1			MICH		FOR C	OMPLETION BY	LAB ON	LY					



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

12 June 2019

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

Project: Post Aeration Basin Outfall Sample

Project Number: June 2019 -- Monthly Sample

SDG Number: 1906069

Enclosed are the results of analyses for samples received by the laboratory on 05-Jun-19 15:40. 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,

Norma James and/or Teresa Coins Technical Director and/or QA Officer

Norma James / Cleresa Cains

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

Project: Post Aeration Basin Outfall Sample Project Number: June 2019 -- Monthly Sample

Date Received: 05-Jun-19 15:40



Lab Number:

1906069-01

Sample Name:

Outfall Composite - 6hr (Wynne)

Date/Time Collected:

6/4/19 22:00

Sample Matrix:

Water

Wet Chemistry Ammonia as N **TSS**

CBOD

Units Result < 0.500 mg/L mg/L < 1.00

6/7/19 8:12 6/7/19 10:15 6/6/19 7:15

Date/Time Analyzed

Qualifier(s)

Batch B906099 B906097

B906080

Arkansas Analytica

Method SM 4500-NH3 B,D,C-2011 I-3765-85/SM2540 D-2011 SM 5210 B-2011, Hach 10360

ANALYTICAL RESULTS

Lab Number:

1906069-02

< 2.00

Sample Name: Date/Time Collected: Outfall Grab (Wynne) 6/5/19 10:00

Sample Matrix:

Water

Wet Chemistry Fecal Coliforms

Units MPN/100 mL

mg/L

Result 21

Qualifier(s) Date/Time Analyzed 6/5/19 16:30

<u>Batch</u> B906086

Method IDEXX Colilert-18

ANALYTICAL RESULTS

Lab Number:

1906069-03

Sample Name:

Outfall Composite - 24hr (Wynne) (Monthly)

Date/Time Collected: Sample Matrix: 6/5/19 7:00

Water

Anions Sulfate as SO4

Units mg/L Result 36.4

Qualifier(s)

Batch Date/Time Analyzed 6/11/19 14:01

B906153

Method EPA 300.0, 2.1-1993

Total Metals

Copper

Units

ug/L

Result

7.67

Qualifier(s) Date/Time Analyzed 6/7/19 12:37

<u>Batch</u> B906100

Method EPA 200.8, Rev. 5.4(1994)

Method

ANALYTICAL RESULTS

Lab Number: Sample Name:

Sample Matrix:

1906069-04

Outfall Grab - Field Analysis (AR Analytical)

Date/Time Collected:

6/5/19 12:25 Water

Field Analyses Dissolved Oxygen

рΗ

Units mq/L S.U.

Result 9.36 7.14

Qualifier(s) 6/5/19 12:27 6/5/19 12:25

Date/Time Analyzed

B906117 B906118

Batch

SM 4500-O G-2011 SM 4500-H+ B-2011 Josh Weaver Wynne Water Utilities 121 East Merriman Wynne, AR 72396

Project: Post Aeration Basin Outfall Sample Project Number: June 2019 -- Monthly Sample

Date Received: 05-Jun-19 15:40
QUALITY CONTROL RESULTS



		Wet Chemistry Bato	· ·			
	Prepared: 06	-Jun-19 07:15 By: MB	Analyzed: 06-Jun-19 07:	:15 By: ST		
<u>Analyte</u>	BLK	LCS / LCSD	MS / MSD	<u>Dup</u>	RPD	Qualifiers
CBOD	<2.00 mg/L	102% / 108%	NA / NA		5.62%	
	Dropped: 06	Wet Chemistry Bate	h: B906086 (Water) Analyzed: 05-Jun-19 15:	35 By: C l		
Analyta	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Analyte Fecal Coliforms	<1 MPN/100 mL	NA / NA	NA / NA	ND MPN/100 mL	NA	
	Duan and 07	Wet Chemistry Bato		45 Dv. MU		
			Analyzed: 07-Jun-19 10: MS / MSD	Dup	RPD	Qualifiers
Analyte TSS	<u>BLK</u> <1.00 mg/L	<u>LCS / LCSD</u> 96.0% / 92.0%	NA / NA	<u>566</u>	4.26%	Qualifiers
	Prepared: 07	Wet Chemistry Bate 7-Jun-19 08:12 By: EP	ch: B906099 (Water) Analyzed: 07-Jun-19 08:	:12 By: EP		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Ammonia as N	<0.500 mg/L	95.1% / 88.0%	98.8% / N A		7.73%	
	D	Total Metals Batch		.47 Dv. ST		
			Analyzed: 07-Jun-19 12:	Dup	RPD	Qualifiers
Analyte Copper	<u>BLK</u> <0.260 ug/L	<u>LCS / LCSD</u> 106% / NA	100% / 97.4%	<u>549</u>	2.66%	Qualifiers
	Prepared: 05	Field Analyses Bate	ch: B906117 (Water) Analyzed: 05-Jun-19 10	:23 Bv: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Dissolved Oxygen (Field)	NA	NA / NA	NA / NA	9.04 mg/L	0.221%	
	Prepared: 05	Field Analyses Bate 5-Jun-19 10:11 By: MH	ch: B906118 (Water) Analyzed: 05-Jun-19 10	:11 By: MH		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
		101% / 101%	NA / NA		0.142%	

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

Project: Post Aeration Basin Outfall Sample Project Number: June 2019 -- Monthly Sample

Date Received: 05-Jun-19 15:40





QUALITY CONTROL RESULTS

Anions -- Batch: B906153 (Water)

Prepared: 11-Jun-19 08:39 By: MB -- Analyzed: 11-Jun-19 11:30 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfate as SO4	<0.500 ma/L	92.0% / NA	106% / 106%		0.225%	

All Analysis performed according to EPA approved methodology when available:

norma James / Cleresa Coins

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.

Reviewed by:

Norma James and/or Teresa Coins Technical Director and/or QA Officer



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

CHAIN OF CUSTODY RECORD

1/4/10	Revision 3 (-5-19)		3. Relinguished by: (Signature) Date/Time	8-4	She	1 task	1. Relinquished by: (Signature) Date/Time						
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	\S		ived by lab	1	6-5-18	1226	Received by: (Signature)		-				
- 07.0	8. TEMPERATURE GUN ID	5. TEMPERATURE ON RECEIPT:	Received by ab: (Signature) 4. RECEIVED ON ICE:	3. COC/LABELS AGREE:	2. CONTAINERS CORRECT:	1. CUSTODY SEALS:		Time (22)	Dissolved Oxygen 936	Time /22	₽1/5 Hd	Sample	ONSITE MEASUREMENTS by Arkansas Analytical DA
CALL PERSON OF P	ON BY	ON RECEIPT:	ICE:	GREE:	CORRECT:	rs:	SAMPLE CONDITION UPON RECEIPT IN	(228)	326	1226	7/2	Duplicate	Arkansas Analyti
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