ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION MONTHLY MONITORING REPORT

PERMITTEE NAME				PERMIT NO.						
First Asset Holding				4908-WR-2						
PERMITTEE ADDRESS PO Box 7				AFIN NO. 04-01681						
Ft Smith AR 72902										
		WASTEW]							
		MM/DD/YYYY			MM/DD/YYYY					
		1/1/2020 1/30/2020								
TREATED WASTEWATER EFFLUENT SA	MPLING		10 pt							
Parameter		Limit	Sample Measurement	Units	Monitoring	Reporting				
Flow, Monthly total		REPORT	0.333,806	MG	Total Flow per calendar month					
Flow, daily maximum *		REPORT	0.016,284	GPD	Daily					
Carbonaceous Biochemical Oxygen Demand	(CBOD5)	30	< 2.0	mg/l						
Total Suspended Solids (TSS)		45	22.4	mg/l	_					
Fecal Coliform Bacteria (FCB)		4,000	2,756	colonies/100ml	Grab Sample once per month					
рН		6.0 - 9.0	7.6	s.u.]		the 15th of the owing Month			
Total Phosphorus (TP)		REPORT	8.88	mg/l]				
Total Kjeldahl Nitrogen (TKN)		REPORT	49.5	mg/l		i				
Ammonia Nitrogen		REPORT	48.1	mg/l	Grab sample once per quarter					
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)		REPORT	1.9	mg/l						
Plant Available Nitrogen (PAN)	• • •		REPORT 49.6 mg/l							
NAME OF PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER	KMNY	1)	TELEPHONE						
Kathy Bartlett		BMITTED HEREIN; AND BASED ON SPONSIBLE FOR OBTAINING THE INI	\mathcal{H}	(479) 530- 5926						
Rathy Battlett	INFORMATION IS T	INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT SIGNATURE OF COGNIZANT O								
TYPED OR PRINTED	PENALTIES FOR S		2/12/2020							
COMMENTS AND EXPLANATION	OF VIOLATIONS (Refer	rence all attachments here)		· · · · · · · · · · · · · · · · · · ·	<u> </u>					
			· · · · · · · · · · · · · · · · · · ·							
* LOADING R	ATE BY ZONE					•				
Zone 1 2714 Zone 5	2714									

Zone 2

Zone 3

Zone 4

2714

2714 2714 Zone 6

2714

Environmental Services Company, Inc.

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2001020089

Customer Name : DEER HAVEN UTILITY LLC Customer/Permit No.: 1821 / 4908-WR-1

333,806

Report Date : 01/24/20

Sample Date : 01/09/20 Sample Time : 1535

Sample Type : GRAB

Sample From : DOSE TANK EFFLUENT

Collected By: JEW Delivery By : JEW

Work Order :

Purchase Order :

•	Quality Assurance					
Analysis					Precision	Accuracy
Date Time By	<u>Parameter</u>	Result No	otes <u>Quantity</u>	<u> Method</u>	% RPD	% Recovery
01/10 1400 TSB	Ammonia as N, (HACH 10205)	48.10 mg/L		SM 2011 4500-NH3 F	1.37	98.2 *
01/14 0850 TSB	Total Kjeldahl Nitrogen	49.5 mg/L		02/2014 HACH 10242	10.99	101.0 *
01/09 1535 JEW	рН	7.6 ន.ប.		SM 2011 4500-H+ B	0.00	N/A *
01/14 0915 TSB	Phosphorous, Total (as P)	8.88 mg/L		EPA 365.3	0.46	109.0 *
01/14 1530 TSB	Solids, Total Suspended	22.4 mg/L		SM 2011 2540 D	0.00	N/A *
01/09 1700 TWM	Fecal Coliform (MPN/100mL	2756.0 /100ml		06/2012 Colilert18	0.00	0.0 *
01/10 1200 TSB	BOD, Carbonaceous	< 2.0 mg/L		SM 2001 5210 B	12.83	92.0 *
01/14 0945 TSB	Nitrate + Nitrite	1.09 mg/L		01/2013 HACH 10206	1.12	98.0 *
01/23 1115 TSB	Nitrogen, Plant Available	49.6 mg/L		SM 1997 4500-N		

* OA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc.



Environmental Services Company, Inc. Northwest Arkansas 1107 Century Street Springdale, Arkansas 72762 website: www.esclabs.com

Corporate Office, Little Rock, Arkansas 501-221-2565

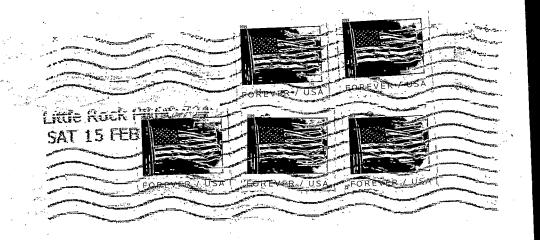
Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Phone: 479-750-1170	Fax: 479-750-1172		CH	IAIN C														
Client Information				Project Information						Requested				Parameters				
Company Name:	ompany Name: Deer Haven Utility LLC			Permit/Project #:									66					
Address:	PO Box 127			Purchase	Order #:								=	.66				
Avoca Ar 72711												_	2(9)	AN				l
Telephone:			_	Sampler Name(s): Janus Witt James Wiltse						C		\ <u>\f`</u>	온	3),P				l
Telephone:				1		<i>7</i>						5	33 +	3(28	Œ			Į
				and Signa	ture(s):							4	ž	TSS	(43)			
ESC Client Number:	1821											TP(25),NH ₃ -N(15.A),	s-TKN (16.C), N03 + NO2(91)	CBOD(70),TSS(28),PAN(99.99)	Coliform (43.IF)			
Sample Ider	ntification		Sample	Collection			Sample (Containers			23)	25)	S	<u>n</u>	ÖİF			
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume			#	pH(23)	TP(S-TK	CB	F. C			
Dose Tank/Effluent	2001020089	1-9-20	1535	GRAB	Water	Glass	150 ml	none		1	Х					·		
Dose Tank/Effluent	1			GRAB	Water	Plastic	8 oz	H₂SO₄,pH<	2	1		х	х					
Dose Tank/Effluent				GRAB	Water	Plastic	1 qt	none/ice		1				Х				
Dose Tank/Effluent				GRAB	Water	Whirlpak	100 ml	none/ice		1					х			
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17.			·			1												
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Relipquished By: (Signature and Printe	d Name)	Dale 1 G 2 4	Time	Received By: (Signature and Printed Name) Da			Date	Time		Custody Seals:								
Gran Welt Tames Wiltse Rollinguished By: (Signature and Printed Name)		1-9-20 Date	O 1645 Time Received By: (S		gnature and Printed Name)			Date			Used' Turna	i? N around:			Intact?			
									Regular X				Spec					
Relinquished By: (Signature and Printed Name)		Dale	Time	Time Received for Leb		By: (Signature and Printed Name)		1-9-20 1645		5	Were samples p			properly preserved No				
Comments:				1/-			Analys				Resu				L			
				Analyst:			pH:				7.6 7			6				
					Time:		Temp.: DO:	1535	480	4	14,	2	14:	2	(C)		°F	
					Reading: Units:		Debris:			\dashv								\dashv
Cool all samples to 6 degrees C.								? Yes No		┪	This	Doc	ume	nt is	Pag	. 7_	of _/	

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NWA UTILITY SERVICES, INC PO Box 9299 Fayetteville, AR 72703



ADEQ WATER DIV. Permits Branch 5301 Northshore Dr N 21 HIL ROCK, AR 72118-5317