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

Ϋ́, y, x	PERMITTEE NAME
	First Asset Holdings, LLC
Ser.	PERMITTEE ADDRESS
	PO Box 7
	Fort Smith, AR 72902

	FACILITY NAME (IF DIFFERENT)
	Deer Haven Subdivision
of the second	FACILITY ADDRESS
Anna and Ann	Smith Ridge Rd Garfield AR 72752

	PERMIT NO.
	4908-WR-1
_	

AFIN NO: 04-01681

	WASTEWATER EFFLUENT MONITORING PERIOD								
	MM/DD/YYYY	MM/DD/YY	YY						
FROM	1/1/2017	1/31/201	7						

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.2	MG/L	ONCE/ MONTH	GRAB		
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	2.3	MG/L	ONCE/ MONTH	GRAB		
H FFLUENT GROSS VALUE	6 to 9	7.4	S.U.	ONCE/ MONTH	GRAB		
OLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	< 2	MG/L	ONCE/ MONTH	GRAB		
IITROGEN, AMMONIA TOTAL (AS N) FFLUENT GROSS VALUE	REPORT	11	MG/L	ONCE/ MONTH	GRAB		
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	430	colonies/100ml	ONCE/ MONTH	GRAB		
OTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	19.04	MG/L	ONCE/ MONTH	GRAB		
IITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	17.28	MG/L	ONCE/ MONTH	GRAB		
IITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	10.52	MG/L	ONCE/ MONTH	GRAB		
LANT AVAILABLE NITROGEN FFLUENT GROSS VALUE	REPORT	41.2	MG/L	ONCE/ MONTH	GRAB		
LOW, THRU CONDUIT OR TREATMENT UNIT	REPORT	MONTHLY TOTAL DAILY MAX 54,447 1,911	GPD	ONCE/ MONTH	TOTAL FLOW		
	ALTY OF LAW THAT I HAVE PERSONALLY EX			TELEPHONE	DATE		
INDIVIDUALS IMMEDIA: Kathy Bartlett BELIEVE THE SUBMITTI	IN SUBMITTED HEREIN; AND BASED ON MY IN TELY RESPONSIBLE FOR OBTAINING THE ED INFORMATION IS TRUE, ACCURATE, AND	INFORMATION, I Demot Complete. I AM SIGNATURE	My CONTRACTOR OF PRINCIPAL	479 530-5926	2 <i>/</i> 7 <i>/</i> 2017		
TYPED OF PRINTED	E ARE SIGNIFICANT PENALTIES FOR SUI NG THE POSSIBILITY OF FINE AND IMPRISONMI		OFFICER OR ED AGENT	AREA NUMBER	MM/DD/YYY		

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: 1701020152

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

Report Date : 01/20/17

Sample Date : 01/13/17

Sample Time : 1000

Sample Type : GRAB DEER HAVEN

Sample From : DOSE TANK EFFLUENT

Collected By: JB Delivery By : JB Work Order :

Purchase Order :

	Quality 2	Assurance				
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Note	es Quantity	Method	% RPD	% Recovery
01/13 1342 AEU	Ammonia Nitrogen	11.0 mg/L		SM 1997 4500-NH3 F	0.00	98.3 *
01/18 1300 TSB	Kjeldahl Nitrogen Total	19.04 mg/L		SM 1997 4500-NorgB	1.60	101.0 *
01/16 1440 TSB	Nitrate Nitrogen	17.28 mg/L		SM 2000 4500-NO3 E	6.45	101.9 *
01/13 1342 AEU	Nitrite Nitrogen	10.520 mg/L		SM 2000 4500 NO2 B	1.23	97.3 *
01/13 1000 JCB	рН	7.4 S.U.		SM 2000 4500-H+ B	0.00	N/A *
01/16 1315 TSB	Phosphorous, Total (as P)	8.2 mg/L		EPA 365.3	1.90	102.3 *
01/19 1150 AEU	Solids, Total Suspended	< 2.0 mg/L		SM 1997 2540 D	0.00	N/A *
01/13 1645 AEU	Coliform, Fecal	430 /100ml		SM 9222 D 1997	0.00	N/A *
01/13 1200 TSB	BOD, Carbonaceous	2.3 mg/L		SM 2001 5210 B	1.35	85.0 *
01/19 1515 TSB	Nitrogen, Plant Available	41.2 mg/L		SM 1997 4500-N		
01/13 1010 JCB	Sample Collection/Travel	1 each				

* QA 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.

Environmental Services Co., Inc.

Environmental Services Company, Inc. Northwest Arkansas 1107 Century Street Springdale, Arkansas 72762

Fax: 479-750-1172

website: www.esclabs.com

Phone: 479-750-1170



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

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information				Project Information					Requested Parameters									
Company Na <u>me:</u> Address:	Deer Haven Utility PO Box 127	Deer Haven Utility LLC PO Box 127			Permit/Project #: Purchase Order #:						NO2(19)							
	Avoca Ar 72711			-t1 p /)3(15.A)	99.99)								
Telephone:				Sampler Name(s): <u>Why</u>			<u> 13 15/1</u>	19				A).NC	AN(. '		
Telephone:			and Signature(s):			In Biss					TP(25),NH ₂ -N(15.A),TKN(16.A),ND3(15.A)NO2(19)	CBOD(70),TSS(28),PAN(99.99)	Coliform (43)					
ESC Client Number:	1821			<u> </u>							_	₂ -N(15	70),T	forn				
Sample Ide	ntification		Sample	Collection			Sample (Containers	3		pH(23)	5),NH	<i>2</i>)ac	Coli				
Identification	ESC Control #	Date	Time	Туре	Matrix	Type	Volume	Preserva	ative	#	Hd	TP(2	CBC	F. (
Dose Tank/Effluent	1701020152	1/13/17	10,00	GRAB	Water	teflon	150 ml	none		1	X							
	}			GRAB	Water	Plastic	8 oz	H₂SO₄,pH<	2	1		х						
				GRAB	Water	Plastic	1 qt	none/ice		1			х					
	J. L.			GRAB	Water	Whirlpak	100 ml	none/ice		1				х				
													<u> </u>					
			-															
					1										_			
Relinguished By: (Signature and Printe	d Name) Shru Bhod	1/13/17	71ma 1230	Received By: (Signature and Printed Name)				Date	Tim	10	Custo Used	ody Se	eals:	ì	Inta	-t2		
Relinquished By 2 Signature and Printe	d Name)	Dale Dale	Time	Received By: (Signature and Printed Name) Date Time				Turna	irnaround:			Special						
Relinquished By: (Signature and Printed Name) Date Time		Received for Lab By: (Signature and Frinted Name of the Company of					Time N		Were sample: Yes		∇	$\nabla oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}$		ly preserved: No				
Comments:					FLOW D		Field Test		Analy		Res		Resi			Unit	3	
					Analyst: Time:		pH: Temp.:	1906	34		7. ¹ / ₁	<u>-3-</u>	70	<u>.4</u>	10)		°F	
					Reading:		DO:		 				- <u>''</u>	·			····	
	/				Units:		Debris:											
Cool all samples to 6 degrees C.							Chlorinated	l? Yes N	lo		This	Doc	cume	nt is	Pag	e _	of <u>∦</u>	