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

 PERMITTEE NAME	
First Asset Holdings, LLC	
 PERMITTEE ADDRESS	
PO Box 7	
Fort Smith, AR 72902	

 FACILITY NAME (IF DIFFERENT)	
Deer Haven Subdivision	
 FACILITY ADDRESS	
 Smith Ridge Rd Garfield AR 72752	,, ,

PERMIT NO.
4908-WR-1
AFIN NO.
04-01681

Γ	WASTEWATER EFFLUENT MONITORING PERIOD								
	MM/DD/YYYY	MM/DD/YYYY							
FROM	4/1/2017	4/30/2017							

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
HOSPHOROUS, TOTAL (AS P) FFLUENT GROSS VALUE	REPORT	8.2	MG/L	ONCE/ MONTH	GRAB			
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2	MG/L	ONCE/ MONTH	GRAB			
H FFLUENT GROSS VALUE	6 to 9	7.1	S.U.	ONCE/ MONTH	GRAB			
OLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	< 2	MG/L	ONCE/ MONTH	GRAB			
IITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	9.4	MG/L	ONCE/ MONTH	GRAB			
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	8	colonies/100ml	ONCE/ MONTH	GRAB			
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	11.44	MG/L	ONCE/ MONTH	GRAB			
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	30.09	MG/L	ONCE/ MONTH	GRAB			
VITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.511	MG/L	ONCE/ MONTH	GRAB			
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	40.6	MG/L	ONCE/ MONTH	GRAB			
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL DAILY MAX 61,595 5,457	GPD	ONCE/ MONTH	TOTAL FLOW			
	DF LAW THAT I HAVE PERSONALLY EX		. 1)	TELEPHONE	DATE			
INDIVIDUALS IMMEDIATELY Kathy Bartlett BELIEVE THE SUBMITTED INF	MITTED HEREIN; AND BASED ON MY IN RESPONSIBLE FOR OBTAINING THE CORMATION IS TRUE, ACCURATE, AND	INFORMATION, I // COMPLETE. I AM SIGNATURE	OF PRINCIPAL	479 530-5926	5/8/2017			
AWARE THAT THERE ARE	AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. EXECUTIVE OFFICER OR AUTHORIZED AGENT							

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: 1704020159

Customer Name : DEER HAVEN UTILITY LLC

Customer/Permit No. : 1821 / 4908-WR-1 Report Date : 04/20/17

Sample Date : 04/14/17

Sample Time : 1355

Sample Type : GRAB DEER HAVEN

Sample From : DOSE TANK EFFLUENT

Collected By: AEU Delivery By : AEU Work Order :

Purchase Order :

		Laboratory Analysis		į	Quality A	Assurance
Analysis	•				Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	<pre>% Recovery</pre>
04/14 1430 TSB	Ammonia Nitrogen	9.4 mg/L		SM 1997 4500-NH3 F	0.00	99.6 *
04/20 0900 TSB	Total Kjeldahl Nitrogen	11.44		02/2014 HACH 10242	1.45	102.0 *
04/18 0900 TSB	Nitrate Nitrogen	30.09 mg/L		SM 2000 4500-NO3 E	1.98	98.3 *
04/14 1630 RHB	Nitrite Nitrogen	0.511 mg/L		SM 2000 4500 NO2 B	0.60	107.1 *
04/14 1359 AEU	рH	7.1 S.Ü.		SM 2000 4500-H+ B	0.00	N/A *
04/17 1300 TSB	Phosphorous, Total (as P)	8.2 mg/L		EPA 365.3	1.26	101.2 *
04/20 1050 JCB	Solids, Total Suspended	< 2.0 mg/L		SM 1997 2540 D	0.00	N/A. *
04/14 1630 AEU	Coliform, Fecal	8 /100ml		SM 9222 D 1997	0.00	N/A
04/14 1400 TSB	BOD, Carbonaceous	< 2.0 mg/L		SM 2001 5210 B	3.20	97.3 *
04/20 1600 TSB	Nitrogen, Plant Available	40.6 mg/L		SM 1997 4500-N		
04/14 1355 AEU	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.

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: 479-750-11		Ch	AIN C)F CU	SIOL	JY												
Client Information					Pro	oject Info	ormation				COOL SECTION	Rec	lues	ted	Para	ame	ters	
Company Name: Deer Haven Utility LLC			Permit/Project #:						6				1					
Address:		PO Box 127			Purchase Order #:								TP(25),NH3-N(15.A),TKN(15.A),N03(15.A)NO2(19)					
		Avoca Ar 72711]	1		1					15.A)	(66.				İ
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ESC Client Numb				Cavada	Callootion		T	Cample (Containara			က	7. 1	CBOD(70), TSS(28), PAN(99.99)	Coliform (43)			
	****	tification			Collection		<u> </u>	***********	Containers		_	pH(23)	(25),	300				
Identification		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	itive				<u> </u>	п.			
Dose Tank/Efflo	uent	1704030159	4/14/17	1355	GRAB	Water	teflon	150 ml	none		1	X	<u> </u>	├			_	_ _
					GRAB	Water	Plastic	8 oz	H ₂ SO ₄ ,pH<	2	1		X	<u> </u>				
		/			GRAB	Water	Plastic	1 qt	none/Ice		1		<u> </u>	X				
				سلم	GRAB	Water	Whirlpak	100 ml	none/ice		1		<u> </u>		х			
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Relinquished By: (Signature and Printed Name) Date Tim		Time	Received for Lab By. (Signature and Printed Name) Rickard Brown Richard From			9) /	Date	Time	e V		samp			prese	rved:			
			Kickard	ラルのルへト FLOW D		ラマンWW Field Test	4-14-17 Time	15 / C Analys		Resu	Yes	'X Resi			No Units			
Comments:					Analyst:	AIA	pH:	1359	SEC		17		书			Units		
					Time:		Temp.:	1354	AE	凷	13	5.7	18	3 (°C)		F	
						Reading: Units:		DO: Debris:		ļ	\dashv			 				
		Cool all samples to 6 de	arees C		,	oriita.		Chlorinated	l? Yes N	l		This	. Dor	cume	ent is	Page	e Lo	of)
	Cool all samples to 6 degrees C.									_								