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	
 EACH ITY ADDRESS	

PERMIT NO. 4908-WR-1

FACILITY ADDRESS
Smith Ridge Rd Garfield AR 72752

AFIN NO. 04-01681

 WASTEWATER EFFLUENT MONITORING PERIOD

 MM/DD/YYYY
 MM/DD/YYYY

 FROM
 10/1/2016
 10/31/2016

		TREATED WASTE	WATER EFFLUENT SA	AMPLING					
PARAMET	ER	PERMIT REQUIREMENT	SAMPLE MEASU	UNITS	FREQUENCY OF ANALYSIS		SAMPLE TYPE		
HOSPHOROUS, TOTAL (AS P) FFLUENT GROSS VALUE		REPORT	8.7		MG/L		ONCE/ MONTH	GRAB	
BOD, 5-DAY (20 DEG. C) FFLUENT GROSS VALUE		15	2	MG/L		ONCE/ MONTH	GRAB		
H FFLUENT GROSS VALUE		6 to 9	6.8		S.U.		ONCE/ MONTH	GRAB	
DLIDS, TOTAL SUSPENDED FFLUENT GROSS VALUE		15	2	2		ONCE/ MONTH		GRAB	
TROGEN, AMMONIA TOTAL (AS N) FFLUENT GROSS VALUE		REPORT	9.5	MG/L		ONCE/ MONTH	GRAB		
OLIFORM, FECAL GENERAL FFLUENT GROSS VALUE		10,000	< 4		colonies/100ml	ONCE/ MONTH		GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	15.68		MG/L	ONCE/ MONTH		GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT	41.8		MG/L		ONCE/ MONTH	GRAB	
TRITE NITROGEN FLUENT GROSS VALUE		REPORT	< 0.015		MG/L	ONCE/ MONTH		GRAB	
ANT AVAILABLE NITROGEN FFLUENT GROSS VALUE		REPORT	53.7		MG/L	ONCE/ MONTH		GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT REPORT MONTHLY TOTAL DAILY MAX 50,052 1,945							ONCE/ MONTH	TOTAL FLOW	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TO CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM] TE	ELEPHONE	DATE	
Kathy Bartlett	INDIVIDUALS IMMEDIATELY RES BELIEVE THE SUBMITTED INFOR	TED HEREIN; AND BASED ON MY IN SPONSIBLE FOR OBTAINING THE MATION IS TRUE, ACCURATE, AND	INFORMATION, I	signature o		479	530-5926	11/12/2016	
	AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. EXECUTIVE OFFICER OR AUTHORIZED AGENT						NUMBER	MM/DD/YYYY	

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

CHAIN OF CUSTODY

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

Carlsbad, New Mexico 575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

Client Information				Project Information					Requested Parameters					}				
Company Name:	me: Deer Haven Utility LLC			Permit/Project #:							<u>(6)</u>							
Address:	PO Box 127			Purchase Order #:							NO2(
,	Avoca Ar 72711				•	k		_		7		(15.A)	9.99	,				
Telephone:				Sampler Name(s): Ambe		ser Underwood					TP[25],NH ₃ -N(15.A),TKN(16.A),NO3(15.A)NO2(19)	CBOD(70),TSS(28),PAN(99.99)						
Telephone:												N(16.	8),P/	€			ļ	
				and Signat	ture(s):							A.T.	38(2	4				
ESC Client Number:	1821]								-N(15	0,T	Caliform (43)			.	
Sample Ider	ntification		Sample	Collection			Sample (Containers	3		pH(23)	9).NH ₃	000	풍		, 1		
Identification	ESC Control#	Date	Time	Туре	Matrix	Туре	Volume	Preserva	itive	#	핍	TP(2	ğ S	F. (
Dose Tank/Effluent	1610090180	10/14/10	心质	GRAB	Water	teflon	150 ml	none		1	x							
		77 7	(GRAB	Water	Plastic	8 oz	H ₂ SO ₄ ,pH<	2	1		x						
				GRAB	Water	Plastic	1 qt	none/ice		1			х					
	-			GRAB	Water	Whirlpak	100 ml	none/ice		1				Х				
J. P.																		
Relinguished By: (Signature and Printed Name) Date Time Date Time Relinquished By: (Signature and Printed Name)		Received By: (Signature and Printed Name)			. 	Date Time		е	Custody Seals: Used? // Intact?					i				
Relinquished By: (Signature and Printer	d Name)	()//Y///W Date	Time	Received By: (Sig	gnature and Printed	Name)	`	Dale	Tim	е	Turna	round				٠		
Relinquished By: (Signature and Printed Name) Date Time		Received for Lab By: (Signature and Printed Nam		Printed Name	<i>)</i>	-In Date	1) I Times		Regui Were			operly	Special		<u> </u>			
) amen of	2100 W	meres	10000	10/1991	1550	\mathcal{O}_{\perp}		Yes	χ			No				
Comments:			· · · · · · · · · · · · · · · · · · ·	FLOW D		Field Test		Analy:		Resu		Řesu		<u> </u>	Units	_		
					Analyst: Time:		pH: Temp.:		AFI		10:	X	₩. ₩.		(c)		°F	
				· · · · · · · · · · · · · · · · · · ·	Reading:		DO:	112	المعادمي		المحيد		تاسية					
					Units:		Debris:											
Cool all samples to 6 degrees C.							Chlorinated	? Yes N	0		This	Doc	ume	nt is	Pag	e	of/	_

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G:WP5L JFORMSCHAIN.XLS

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: 1610020180

Customer Name : DEER HAVEN UTILITY LLC

Customer/Permit No.: 1821 / 4908-WR-1 Report Date: 10/23/16 Sample Date : 10/14/16

Sample Time : 1115
Sample Type : GRAB DEER HAVEN

Sample Type : GRAB DEEK MAVEN
Sample From : DOSE TANK EFFLUENT

Collected By: AU
Delivery By : AU
Work Order :

Purchase Order :

		Laboratory Analysis			Quality A	Assurance
Analysis				•	Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	<u>% RPD</u>	% Recovery
10/17 1500 TSB	Ammonia Nitrogen	9.5 mg/L	SM	1997 4500-NH3 F	0.00	100.0 *
10/18 1000 TSB	Kjeldahl Nitrogen Total	15.68 mg/L	SM	1997 4500-NorgB	2.25	101.5 *
10/18 1100 TSB	Nitrate Nitrogen	41.80 mg/L	SM	2000 4500-NO3 E	1.44	100.8 *
10/18 1100 TSB	Nitrite Nitrogen	< 0.015 mg/L	SM	2000 4500 NO2 B	1.44	100.8
10/14 1120 AEU	рН	6.8 S.U.	SM	2000 4500-H+ B	0.00	N/A *
10/17 1400 TSB	Phosphorous, Total (as P)	8.7 mg/L	EP	¥ 365.3	2.94	103.0 *
10/20 1300 TCF	Solids, Total Suspended	2.0 mg/L	SM	1997 2540 D	20.00	N/A *
10/14 1610 AEU	Coliform, Fecal	< 4 /100ml	SM	9222 D 1997	0.00	N/A *
10/14 1400 TSB	BOD, Carbonaceous	2.0 mg/L	SM	2001 5210 B	1.52	90.4 *
10/18 1600 TSB	Nitrogen, Plant Available	53.7 mg/L	SM	1997 4500-N	1	

* 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