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

	PERMITTEE NAME	
	First Asset Holdings, LLC	
<u>,</u>	PERMITTEE ADDRESS	
	PO Box 7	
	Fort Smith, AR 72902	

FACILITY NAME (IF DIFFERENT)	
Deer Haven Subdivision	
 EACULTY ADDRESS	

FACILITY ADDRESS Smith Ridge Rd Garfield AR 72752

4908-WR-1	
AFIN NO.	
04-01681	ヿ

PERMIT NO.

	WASTEWATER EFFLUENT MONITORING PERIOD									
	MM/DD/YYYY	MM/DD/YYYY								
FROM	7/1/2016	7/31/2016								

PARAMET	PERMIT REQUIREMENT	SAMPLE ME	ASUREMENT	UNITS	'''-	QUENCY OF	SAMPLE TYPE		
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE		REPORT	8.	8	MG/L		ONCE/ MONTH	GRAB	
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE		15	<	2	MG/L		ONCE/ MONTH	GRAB	
PH EFFLUENT GROSS VALUE		6 to 9	5.	7	S.U.	ONCE/ MONTH		GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE		15	2		MG/L		ONCE/ MONTH	GRAB	
NITROGÉN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE		REPORT	13	.5	MG/L		ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE		10,000	8		colonies/100ml		GRAB		
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	16.8		MG/L	ONCE/ MONTH		GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT	33.78		MG/L	ONCE/ MONTH		GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE		REPORT	0.719		MG/L	ONCE/ MONTH		GRAB	
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE		REPORT	48	.9	MG/L		ONCE/ GRAB		
FLOW, THRU CONDUIT OR TREATM EFFLUENT GROSS VALUE	/IENT UNIT	REPORT	MONTHLY TOTAL 46,528	DAILY MAX 2,725	GPD		ONCE/ MONTH	TOTAL FLOW	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		LAW THAT I HAVE PERSONALLY EX	1 4			TELEPHONE		DATE	
Kathy Bartlett	INDIVIDUALS IMMEDIATELY RE	TTED HEREIN; AND BASED ON MY IN SPONSIBLE FOR OBTAINING THE RMATION IS TRUE, ACCURATE, AND (	INFORMATION, I	SIGNATURE OF	F PRINCIPAL	479	530-5926	8/4/2016	
TYPED OR PRINTED		SIGNIFICANT PENALTIES FOR SUI POSSIBILITY OF FINE AND IMPRISONME		EXECUTIVE O		AREA CODE	NUMBER	MM/DD/YYYY	

## 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

Fel. (501)221-2565 Fax (501)221-1341 Tel. (479)

Control Number: 1607020126 Sample Date: 07/13/16 Collected By: AEU
Customer Name: DEER HAVEN UTILITY LLC Sample Time: 0945 Delivery By: AEU

Customer/Permit No.: 1821 / 4908-WR-1 Sample Type: GRAB DEER HAVEN Work Order:

Report Date: 07/22/16 Sample From: DOSE TANK EFFLUENT Purchase Order:

	Quality Assurance				
Analysis				Precision	Accuracy
Date Time By	<u> Parameter</u>	Result Notes	Quantity Method	% RPD	% Recovery
07/14 0900 TSB	Ammonia Nitrogen	13.5 mg/L	SM 1997 4500-NH3	F 0.00	98.4 *
07/21 0930 TSB	Kjeldahl Nitrogen Total	16.80 mg/L	SM 1997 4500-Norg	rB 1.60	101.0 *
07/14 1415 TSB	Nitrate Nitrogen	33.78 mg/L	SM 2000 4500-NO3	E 0.60	101.2 *
07/13 1600 RHB	Nitrite Nitrogen	0.719 mg/L	SM 2000 4500 NO2	B 0.25	97.4 *
07/13 0945 AEU	рн	5.7 S.U.	SM 2000 4500-H+ E	<b>)</b>	
07/14 1300 TSB	Phosphorous, Total (as P)	8.8 mg/L	EPA 365.3	3.23	100.3 *
07/15 1000 AEU	Solids, Total Suspended	2.0 mg/L	SM 1997 2540 D	22.22	N/A
07/13 1400 CLS	Coliform, Fecal	8 /100ml	SM 9222 D 1997	0.00	N/A *
07/13 1400 TSB	BOD, Carbonaceous	< 2.0 mg/L	SM 2001 5210 B	15.95	87.0 *
07/21 1615 TSB	Nitrogen, Plant Available	48.9 mg/L	SM 1997 4500-N		

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.

<sup>\*</sup> QA data shown is from a different sample or standard on the same date.

## 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

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

## CHAIN OF CUSTODY

Filone. 479-730-1170	1"dx, 415-150-1112		<u> </u>	174114		010												
Client Information				Project Information						,		Red	ques	ited	Par	ame	eter	3
Company Name: Deer Haven Utility LLC			Permit/Project #:								6							
Address: PO Box 127			Purchase	Purchase Order #:							NO2(1		ļ				i	
	Avoca Ar 72711					٨.	. ^			$\overline{\cap}$		15.A)	66					
Telephone:			***************************************	Sampler Name(s): AMDV \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						)EON'	66)N				.5.			
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		·		and Signa	ture(s):			2011		1		E.	\$(28	(43)				
ESC Client Number:	1821							The transfer of the second	#			(15.A	T.S.	E		!		
Sample Ider			Sample	Collection	· T · · · · · · · · · · · · · · · · · ·	1	Sample	Container	 S		ନ୍ତ	F.F.	(20)	Coliform (43)				
dentification	ESC Control #	Date	Time	Type	Matrix	Туре	Volume	Preserva		#	pH(23)	TP(25),NH3-N(15.A),TKN(16.A),N03(15.A)NO2(19)	CBOD(70),TSS(28),PAN(99.99)	F. C				
Dose Tank/Effluent	1607030126	7-13-18	0945	GRAB	Water	teflon	150 ml	none		1	×							
	7	,	1	GRAB	Water	Plastic	8 oz	H <sub>z</sub> SO <sub>4</sub> ,pH	22	1		×				·····		
	1 7	/		GRAB	Water	Plastic	1 qt	none/ice			<b>-</b> -		х					
	<del> </del>	<del>- (</del>		GRAB	Water	Whirlpak		none/ice		-	_		1	x				
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Comments:			1700700000	FLOW D	ATA	Field Test	Time	Analys	احث	Rest		Resu	ilt		Units		$\dashv$	
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Cool all samples to 6 degrees C.							Chlorinated	l? Yes ∖N	0 }		IΠIS	NOC	ume	IIE IS	rage	<u></u>	ᅋᇿ	