

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

<b>PERMITTEE NAME</b>
First Asset Holdings, LLC

<b>FACILITY NAME (IF DIFFERENT)</b>
Deer Haven Subdivision

<b>PERMIT NO.</b>
4908-WR-1

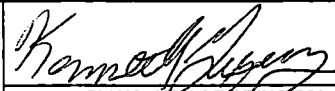
<b>PERMITTEE ADDRESS</b>
PO Box 7 Fort Smith, AR 72902

<b>FACILITY ADDRESS</b>
Smith Ridge Rd Garfield AR 72752

<b>AFIN NO.</b>
04-01681

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>		
MM/DD/YYYY		MM/DD/YYYY
FROM 11/1/2017		11/30/2017

TREATED WASTEWATER EFFLUENT SAMPLING					
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	7.9		MG/L	ONCE/ MONTH
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2.5		MG/L	ONCE/ MONTH
PH EFFLUENT GROSS VALUE	6 to 9	6.9		S.U.	ONCE/ MONTH
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	3.3		MG/L	ONCE/ MONTH
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	19.6		MG/L	ONCE/ MONTH
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	16		colonies/100ml	ONCE/ MONTH
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	22.4		MG/L	ONCE/ MONTH
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	19.08		MG/L	ONCE/ MONTH
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	7.72		MG/L	ONCE/ MONTH
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	47.2		MG/L	ONCE/ MONTH
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH
		76,045	2,895		
					TOTAL FLOW

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM AWARE OF THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.	 <b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>	TELEPHONE	DATE
Kathy Bartlett			479 530-5926	12/4/2017
TYPED OR PRINTED			AREA CODE NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*)

# 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: 1711020117  
Customer Name : DEER HAVEN UTILITY LLC  
Customer/Permit No. : 1821 / 4908-WR-1  
Report Date : 11/15/17

Sample Date : 11/10/17  
Sample Time : 1307  
Sample Type : GRAB DEER HAVEN  
Sample From : DOSE TANK EFFLUENT

Collected By: RHB  
Delivery By : HRB  
Work Order :  
Purchase Order :

Laboratory Analysis							Quality Assurance	
Analysis							Precision	Accuracy
Date	Time	By	Parameter	Result	Notes	Quantity	% RPD	% Recovery
11/10	1100	TSB	Ammonia Nitrogen	19.6 mg/L			0.00	106.4 *
11/14	0800	TSB	Total Kjeldahl Nitrogen	22.4 mg/L			2.60	100.6 *
11/14	1500	TSB	Nitrate Nitrogen	19.08 mg/L			0.55	99.5 *
11/10	1600	TSB	Nitrite Nitrogen	7.720 mg/L			0.74	100.3
11/10	1312	RHB	pH	6.9 S.U.			0.00	N/A
11/13	1200	TSB	Phosphorous, Total (as P)	7.9 mg/L			1.24	103.4 *
11/14	0910	JCB	Solids, Total Suspended	3.3 mg/L			15.38	N/A
11/10	1550	JCB	Coliform, Fecal	16 /100ml			0.00	N/A
11/10	1400	TSB	BOD, Carbonaceous	< 2.5 mg/L			1.73	90.4 *
11/14	1620	TSB	Nitrogen, Plant Available	47.2 mg/L				


\* 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

*Richard Brown*

Environmental Services Co., Inc.



Carlsbad, New Mexico  
575-887-1ESC

## CHAIN OF CUSTODY