

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

**PERMITTEE NAME**  
First Asset Holdings, LLC

**FACILITY NAME (IF DIFFERENT)**  
Deer Haven Subdivision

**PERMIT NO.**  
4908-WR-1

**PERMITTEE ADDRESS**  
PO Box 7  
Fort Smith, AR 72902


**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 WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.7		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	6.8		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	2		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	9.5		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT 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
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	< 0.015		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	53.7		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		50,052	1,945			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Kathy Bartlett	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.		TELEPHONE		DATE
			479	530-5926	11/12/2016
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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: 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 From : DOSE TANK EFFLUENT

Collected By: AU

Delivery By : AU

Work Order :

Purchase Order :

### Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % 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	pH	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			EPA 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		

\* 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.