

**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 9/1/2017	9/30/2017

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.5		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		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	2.7		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	11.1		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	428		colonies/100ml	ONCE/ MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	12.52		MG/L	ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	42.95		MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.045		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	54.5		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		58,090	2,579			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Kathy Bartlett	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH 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
			479 530-5926	10/4/2017
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: 1709020085

Sample Date : 09/08/17

Collected By: JCB

Customer Name : DEER HAVEN UTILITY LLC

Sample Time : 1225

Delivery By : JCB

Customer/Permit No. : 1821 / 4908-WR-1

Sample Type : GRAB

Work Order :

Report Date : 09/13/17

Sample From : DOSE TANK/EFFLUENT

Purchase Order :

### Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
09/08	1100	TSB	Ammonia Nitrogen	11.1 mg/L			SM 1997 4500-NH3 F	0.00	102.7 *
09/12	0800	TSB	Total Kjeldahl Nitrogen	12.52 mg/L			02/2014 HACH 10242	2.57	97.1 *
09/12	0930	TSB	Nitrate Nitrogen	42.95 mg/L			SM 2000 4500-NO3 E	0.83	101.2 *
09/08	1400	TSB	Nitrite Nitrogen	0.045 mg/L			SM 2000 4500 NO2 B	3.00	98.8 *
09/08	1225	JCB	pH	6.0 S.U.			SM 2000 4500-H+ B	0.00	N/A *
09/11	1515	TSB	Phosphorous, Total (as P)	8.5 mg/L			EPA 365.3	3.57	100.2 *
09/12	1355	JCB	Solids, Total Suspended	2.7 mg/L			SM 1997 2540 D	3.05	N/A *
09/08	1515	JCB	Coliform, Fecal	428 /100ml			SM 9222 D 1997	3.74	N/A *
09/08	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	13.58	92.0 *
09/12	1430	TSB	Nitrogen, Plant Available	54.5 mg/L			SM 1997 4500-N		
09/08	1225	JCB	Sample Collection/Travel	1 each					

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

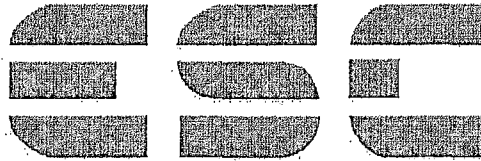
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

*Richard Brown*

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

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

### CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters							
Company Name: Deer Haven Utility LLC				Permit/Project #:						pH(23)	TP(25),NH <sub>3</sub> -N(15.A),TKN(16.A),NO3(15.A),NO2(19)	CBOD(70),TSS(28),PAN(99.99)	F: Coliform (43)				
Address: PO Box 127				Purchase Order #:													
Avoca Ar 72711				Sampler Name(s): John Byrd													
Telephone:				and Signature(s):													
Telephone:																	
ESC Client Number: 1821																	
Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
Dose Tank/Effluent	1709020085	9/8/17	1225	GRAB	Water	teflon	150 ml	none	1	X							
				GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> ,pH<2	1		X						
				GRAB	Water	Plastic	1 qt	none/ice	1			X					
				GRAB	Water	Whirlpak	100 ml	none/ice	1				X				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:									
John Byrd John Byrd		9/8/17	1345	Richard Brown RICHARD BROWN		9-8-17	1345	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:									
								Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:									
				Richard Brown RICHARD BROWN		9-8-17	1345	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
Comments:				FLOW DATA		Field Test	Time	Analyst	Result	Result	Units						
				Analyst:		pH:	1225	JCB	6.0	6.0							
				Time:		Temp.:	1		25.0	23.1	°C	°F					
				Reading:		DO:											
				Units:		Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page 1 of 1								