

**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 7/1/2017	7/31/2017

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.7		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	3.3		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	132		colonies/100ml	ONCE/ MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	16.24		MG/L	ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	36.3		MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.082		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	49		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		46,040	1,842			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE
			479	530-5926	8/13/2017
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: 1707020160

Customer Name : DEER HAVEN UTILITY LLC

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

Report Date : 07/25/17

Sample Date : 07/14/17

Sample Time : 1245

Sample Type : GRAB DEER HAVEN

Sample From : DOSE TANK EFFLUENT

Collected By: JCB

Delivery By : JCB

Work Order :

Purchase Order :

Laboratory Analysis

Analysis				Laboratory Analysis			Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
07/14	1000	TSB	Ammonia Nitrogen	11.1 mg/L			SM 1997 4500-NH3 F	0.00	93.3 *
07/24	1330	TSB	Total Kjeldahl Nitrogen	16.24 mg/L			02/2014 HACH 10242	3.29	109.0 *
07/17	1400	TSB	Nitrate Nitrogen	36.30 mg/L			SM 2000 4500-NO3 E	0.57	100.9 *
07/14	1030	TSB	Nitrite Nitrogen	0.082 mg/L			SM 2000 4500 NO2 B	0.59	100.0 *
07/14	1245	JCB	pH	6.8 S.U.			SM 2000 4500-H+ B	0.00	N/A
07/18	1300	TSB	Phosphorous, Total (as P)	8.7 mg/L			EPA 365.3	1.38	101.2
07/20	1400	JCB	Solids, Total Suspended	3.3 mg/L			SM 1997 2540 D	7.61	N/A *
07/14	1030	JCB	Coliform, Fecal	132 /100ml			SM 9222 D 1997	12.12	N/A
07/14	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	5.80	91.0 *
07/25	1000	TSB	Nitrogen, Plant Available	49.0 mg/L			SM 1997 4500-N		
07/14	1245	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 ₃ -N(15.A),TRN(16.A),NO ₃ (15.A)NO ₂ (19)	CBOD(70),TSS(28),PAN(99.99)	F. Coliform (43)				
Address: PO Box 127 Avoca Ar 72711				Purchase Order #:												
Telephone:				Sampler Name(s): <i>John Byrd</i>												
Telephone:				and Signature(s): <i>John Byrd</i>												
ESC Client Number: 1821																
Sample Identification		Sample Collection				Sample Containers										
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#							
Dose Tank/Effluent	1707CB0160	7/14/17	1245	GRAB	Water	teflon	150 ml	none	1	X						
				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ ,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:		Used?	Intact?					
<i>John Byrd</i> John Byrd		7/14/17	1420	<i>Richard Brown</i> Richard Brown				Turnaround:		<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	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:		Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
				<i>Richard Brown</i> Richard Brown		7/14/17	1420	Yes		<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Comments:				FLOW DATA	Field Test	Time	Analyst	Result	Result	Units						
				Analyst:	pH:	1245	JCB	69	6.8							
				Time:	Temp.:			870	820	°C						
				Reading:	DO:											
				Units:	Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page 1 of 1							