

**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

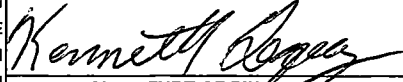
PERMITTEE ADDRESS
PO Box 7
Fort Smith, AR 72902

FACILITY ADDRESS
Smith Ridge Rd Garfield AR 72752

AFIN NO.:
04-01681

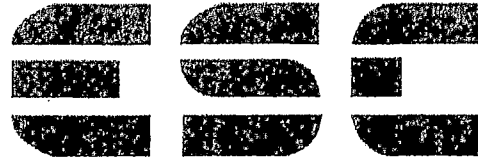
WASTEWATER EFFLUENT MONITORING PERIOD
FROM **MM/DD/YYYY** **MM/DD/YYYY**
9/1/2016 9/30/2016

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	9		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	7.2		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	9.9		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	< 2		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	43.17		MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.023		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	54.8		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		45,559	1,874			

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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE
			479	530-5926	10/10/2016
TYPED OR PRINTED			AREA CODE	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

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		Address: PO Box 127 Avoca Ar 72711		Permit/Project #:		Purchase Order #:		Sampler Name(s): <i>John Byrd</i>		and Signature(s): <i>John Byrd</i>		pH(23) TP(25),NH ₃ -N(15-A),TKN(16-A),NO ₃ (15-A),NO ₂ (16) CBOD(70),TSS(28),PAN(99.99) F: Coliform (43)									
Telephone:		Telephone:		ESC Client Number: 1821																	
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	pH(23)	TP(25)		NH ₃ -N(15-A)	TKN(16-A)	NO ₃ (15-A)	NO ₂ (16)	CBOD(70)	TSS(28)	PAN(99.99)	F: Coliform (43)	
Dose Tank/Effluent	1609020114	9/16/16	1425	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:													
<i>John Byrd John Byrd</i>		9/16/16	1600					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	Tumaround:													
								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:													
				<i>Richard Brown RICHARD BROWN</i>		9-16-16	1600	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units									
				Analyst:		pH:		1425	JEB	7.6	7.14	°F									
				Time:		Temp.:				85.0	25.9	°C									
				Reading:		DO:															
				Units:		Debris:															
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 2											

Environmental Services Company, Inc.

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 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: 1609020114

Customer Name : DEER HAVEN UTILITY LLC

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

Report Date : 09/23/16

Sample Date : 09/16/16

Sample Time : 1420

Sample Type : GRAB DEER HAVEN

Sample From : DOSE TANK EFFLUENT

Collected By: JB

Delivery By : JB

Work Order :

Purchase Order :

Laboratory Analysis

<u>Analysis</u>						<u>Quality Assurance</u>			
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
09/20	1430	TSB	Ammonia Nitrogen	9.9 mg/L			SM 1997 4500-NH3 F	0.00	103.6 *
09/22	0900	TSB	Kjeldahl Nitrogen Total	15.68 mg/L			SM 1997 4500-NorgB	1.34	99.5 *
09/20	1100	TSB	Nitrate Nitrogen	43.17 mg/L			SM 2000 4500-NO3 E	1.40	99.7 *
09/16	1600	CLS	Nitrite Nitrogen	0.023 mg/L			SM 2000 4500 NO2 B	4.03	100.7 *
09/16	1420	JCB	pH	7.2 S.U.			SM 2000 4500-H+ B	1.36	N/A *
09/20	0930	TSB	Phosphorous, Total (as P)	9.0 mg/L			EPA 365.3	1.38	102.6
09/20	1410	AEU	Solids, Total Suspended	< 2.0 mg/L			SM 1997 2540 D	0.00	N/A *
09/16	1615	AEU	Coliform, Fecal	< 2 /100ml			SM 9222 D 1997	66.67	N/A *
09/16	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	11.07	104.1 *
09/23	0830	TSB	Nitrogen, Plant Available	54.8 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.