

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

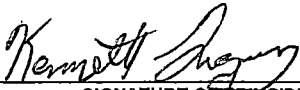
FACILITY ADDRESS
 Smith Ridge Rd Garfield AR 72752

AFIN NO.
 04-01681

WASTEWATER EFFLUENT MONITORING PERIOD

MM/DD/YYYY	MM/DD/YYYY
FROM 3/1/2017	3/31/2017

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.5	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	6.6	S.U.	ONCE/ MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	3.2	MG/L	ONCE/ MONTH	GRAB	
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	9.7	MG/L	ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	5,500	colonies/100ml	ONCE/ MONTH	GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	13.44	MG/L	ONCE/ MONTH	GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	31.35	MG/L	ONCE/ MONTH	GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	2.05	MG/L	ONCE/ MONTH	GRAB	
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	44.2	MG/L	ONCE/ MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		48,659	1,638			

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
Kathy Bartlett			479	530-5926	4/13/2017
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: 1703020122
 Customer Name : DEER HAVEN UTILITY LLC
 Customer/Permit No. : 1821 / 4908-WR-1
 Report Date : 03/16/17

Sample Date : 03/10/17
 Sample Time : 1225
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: JCB
 Delivery By : JCB
 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>
03/10	0830	TSB	Ammonia Nitrogen	9.7 mg/L			SM 1997 4500-NH3 F	0.00	101.8 *
03/13	0845	TSB	Kjeldahl Nitrogen Total	13.44 mg/L			SM 1997 4500-NorgB	6.90	116.9 *
03/14	1600	TSB	Nitrate Nitrogen	31.35 mg/L			SM 2000 4500-NO3 E	0.00	103.1 *
03/10	1400	TSB	Nitrite Nitrogen	2.050 mg/L			SM 2000 4500 NO2 B	3.28	102.5
03/10	1225	JCB	pH	6.6 S.U.			SM 2000 4500-H+ B	0.00	N/A *
03/13	1500	TSB	Phosphorous, Total (as P)	8.5 mg/L			EPA. 365.3	0.00	102.9 *
03/15	1510	AEU	Solids, Total Suspended	3.2 mg/L			SM 1997 2540 D	15.38	N/A
03/10	1520	AEU	Coliform, Fecal	5500 /100ml			SM 9222 D 1997	0.00	N/A *
03/10	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	0.44	81.0 *
03/16	1015	TSB	Nitrogen, Plant Available	44.2 mg/L			SM 1997 4500-N		
03/10	1100	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(15.4), TRN(16.4), NO3(15.4)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): <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	1703020122	3/10/17	1225	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		3/10/17	1415							<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	Special									
										<input checked="" type="checkbox"/>	<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									
				<i>Kimberly Anderson</i>		3/10/17	1415			<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units								
				Analyst:		pH:		1225	JCB	6.6	6.6	°F								
				Time:		Temp.:				14.4	14.4	°C								
				Reading:		DO:														
				Units:		Debris:														
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1										