

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

PERMITTEE NAME

First Asset Holding

FACILITY NAME

Deer Haven Subdivision

PERMIT NO.

4908-WR-2

PERMITTEE ADDRESS

PO Box 7
Ft Smith AR 72902

FACILITY ADDRESS

15046 Smith Ridge Rd
Garfield AR 72732


AFIN NO.

04-01681

WASTEWATER EFFLUENT MONITORING PERIOD		
MM/DD/YYYY		MM/DD/YYYY
9/1/2019		9/30/2019

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.202574	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.09268	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	2	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	13.3	mg/l		
Fecal Coliform Bacteria (FCB)	4,000	120	colonies/100ml		
pH	6.0 - 9.0	7.5	s.u.		
Total Phosphorus (TP)	REPORT	7.04	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT	No Report	mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT	No Report	mg/l		
Plant Available Nitrogen (PAN)	REPORT	No Report	mg/l		

NAME OF 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 COGNIZANT OFFICIAL	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE
			10/14/2019

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*)

* LOADING RATE BY ZONE					
Zone 1	0.01548	Zone 5	0.01548		
Zone 2	0.01548	Zone 6	0.01548		
Zone 3	0.01548				
Zone 4	0.01548				

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: 1909020082
Customer Name : DEER HAVEN UTILITY LLC
Customer/Permit No. : 1821 / 4908-WR-1
Report Date : 10/03/19

Sample Date : 09/26/19
Sample Time : 1530
Sample Type : GRAB DEER HAVEN
Sample From : DOSE TANK EFFLUENT

Collected By: JEW
Delivery By : JEW
Work Order :
Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
09/26	1535	JEW	pH	7.5	S.U.		SM 2011 4500-H+ B	0.00	N/A
09/30	1330	TSB	Phosphorous, Total (as P)	7.040	mg/L		EPA 365.3	2.23	112.0
09/30	1030	TSB	Solids, Total Suspended	13.3	mg/L		SM 2011 2540 D	0.00	N/A *
09/26	1645	TSB	Fecal Coliform (MPN/100mL	120.0	/100ml		06/2012 Colilert18	19.59	0.0 *
09/27	0900	TSB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	12.23	103.6 *

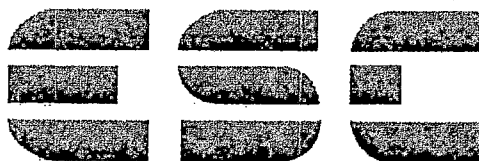
* QA data shown is from a different sample or standard on the same date.

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

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

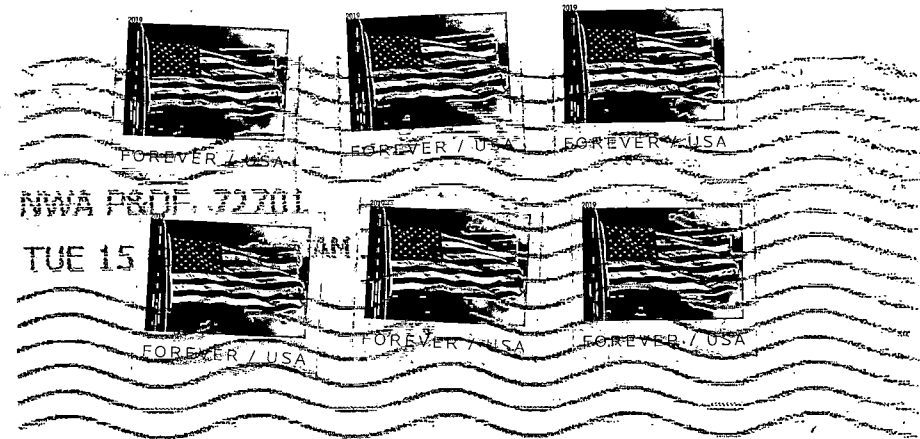
Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information						Project Information					Requested Parameters										
Company Name: Deer Haven Utility LLC						Permit/Project #:					pH (23)	Total P (25)	CBOD(70), TSS(28)	Fecal Coliform (43.1F)							
Address: PO Box 127 Avoca Ar 72711						Purchase Order #:															
Telephone:						Sampler Name(s): James Wiltse James Wiltse															
Telephone:						and Signature(s):															
ESC Client Number: 1821																					
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
Dose Tank/Effluent	1909020082	9-26-19	1530	GRAB	Water	teflon	150 ml	None, Cool [†]	1	X											
Dose Tank/Effluent				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1	X											
Dose Tank/Effluent				GRAB	Water	Plastic	1 qt	None, Cool [†]	1		X										
Dose Tank/Effluent				GRAB	Water	Whirlpak	100 ml	Na ₂ S ₂ O ₄ Cool [†]	1			X									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:												
James Wiltse James Wiltse		9-26-19	1640						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:												
				James Wiltse James Wiltse			9-26-19	1640	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units									
						Analyst:	pH:	1535	UEW	7.5	7.5										
						Time:	Temp.:	1535	UEW	25.5	25.6	(C) °F									
						Reading:	DO:														
						Units:	Debris:														
†Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1											

NWA Utility Service
PO BOX 9299
Fayetteville, AR

72703



ADEQ
Water Division
Permits Branch
5301 Northshore Drive
N. Little Rock, AR

72118-5317