

**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	
6/1/2019		6/30/2019	

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.230796	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	11,045	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	13.2	mg/l		
Fecal Coliform Bacteria (FCB)	4,000	32	colonies/100ml		
pH	6.0- 9.0	7.5	s.u.		
Total Phosphorus (TP)	REPORT	9.45	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		TELEPHONE
Ken Gregory			(479) 530-5926
TYPED OR PRINTED		SIGNATURE OF COGNIZANT OFFICIAL	DATE
			7/1/2019

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE							
Zone 1		1844.52	Zone 5		1844.52		
Zone 2		1844.52	Zone 6		1844.52		
Zone 3		1844.52					
Zone 4		1844.52					

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

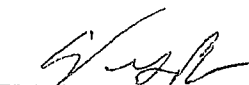
Control Number: 1906020077	Sample Date : 06/14/19	Collected By: VLP
Customer Name : DEER HAVEN UTILITY LLC	Sample Time : 1439	Delivery By : VLP
Customer/Permit No. : 1821 / 4908-WR-1	Sample Type : GRAB	Work Order :
Report Date : 06/23/19	Sample From : DOSE TANK EFFLUENT	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>		
Analysis			Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By						% RPD	% Recovery
06/14	1439	VLP	pH	7.5 S.U.			SM 2011 4500-H+ B		
06/19	0930	AKA	Phosphorous, Total (as P)	9.450 mg/L			EPA 365.3	2.74	107.0 *
06/20	0955	TSB	Solids, Total Suspended	13.2 mg/L			SM 2011 2540 D	0.00	N/A *
06/14	1630	TSB	Fecal Coliform (MPN/100mL)	32.0 /100ml			06/2012 Colilert18	0.00	0.0
06/14	1645	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	9.82	86.3 *

* 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

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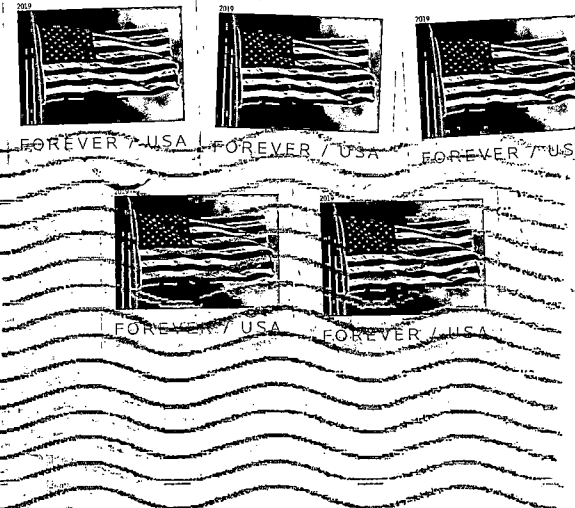
CHAIN OF CUSTODY

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						Purchase Order #: _____											
Avoca Ar 72711						Sampler Name(s): <u>V. L. PATC</u> <u>[Signature]</u> and Signature(s): _____											
Telephone: _____																	
Telephone: _____																	
ESC Client Number: 1821																	
Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
Dose Tank/Effluent	1906020077	6-14-19	1439	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	NaS ₂ O ₄ Cool [†]	1				x				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	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:									
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 By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
Comments:						FLOW DATA		Field Test	Time	Analyst	Result	Result	Units				
						Analyst:		pH:	1442	9/80	7.5	7.5	°C				
						Time:		Temp.:	1	1	23.2	23.2	°C				
						Reading:		DO:									
						Units:		Debris:									
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1							

GCD
P.O. Box 9299
Fayetteville, AR 72703



NWA P&DF 72701
TUE 02 JUL 2019 PM



ADEQ Water Division
Permits Branch
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N Little Rock, AR 72118-5317