

**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

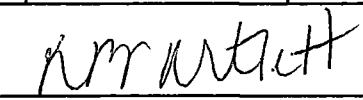
AFIN NO.

04-01681

WASTEWATER EFFLUENT MONITORING PERIOD		
MM/DD/YYYY		MM/DD/YYYY
3/1/2020		3/31/2020

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.332,454	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.017,448	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	15.8	mg/l		
Fecal Coliform Bacteria (FCB)	4,000	101	colonies/100ml		
pH	6.0 - 9.0	7.4	s.u.		
Total Phosphorus (TP)	REPORT	9.08	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER	<p>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.</p>	 SIGNATURE OF COGNIZANT OFFICIAL	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE 4/13/2020

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	2908	Zone 5	2908		
Zone 2	2908	Zone 6	2908		
Zone 3	2908				
Zone 4	2908				

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: 2003020098

Sample Date : 03/12/20

Collected By: BRS

Customer Name : DEER HAVEN UTILITY LLC

Sample Time : 1530

Delivery By : BRS

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

Sample Type : GRAB DEER HAVEN

Work Order :

Report Date : 03/20/20

Sample From : DOSE TANK EFFLUENT

Purchase Order :

Laboratory Analysis

Analysis

Date	Time	By	Parameter	Result	Notes	Quantity	Method
03/12	1535	BRS	pH	7.4 S.U.			SM 2011 4500-H+ B
03/17	0815	TSB	Phosphorous, Total (as P)	9.08 mg/L			EPA 365.3
03/17	1430	TSB	Solids, Total Suspended	15.8 mg/L			SM 2011 2540 D
03/12	1710	TSB	Fecal Coliform (MPN/100mL)	101.2 /100ml			06/2012 Colilert18
03/13	1200	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B

Quality Assurance

Precision	Accuracy
% RPD	% Recovery
0.00	N/A *
2.26	106.0 *
0.75	N/A *
0.00	0.0 *
9.69	90.0 *

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

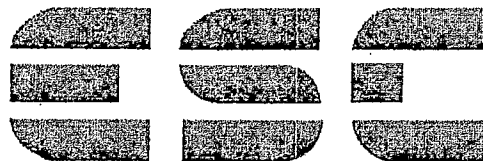
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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.

332, 454
17, 448

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

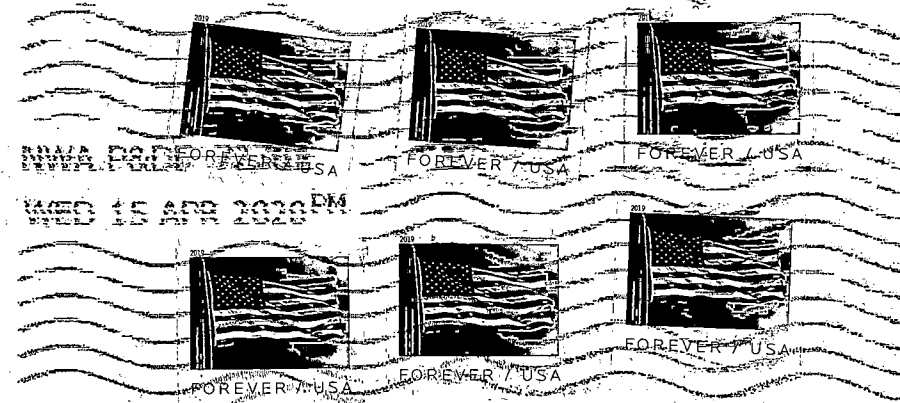
Phone: 479-750-1170 Fax: 479-750-1172

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						Purchase Order #:													
Avoca Ar 72711																			
Telephone:						Sampler Name(s): Brian Steichman													
Telephone:						and Signature(s): <i>[Signature]</i>													
ESC Client Number: 1821																			
Sample Identification		Sample Collection				Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
Dose Tank/Effluent	2003000028	3/12/20	15:30	GRAB	Water	Glass	150 ml	None, Cool [†]	0	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	Sterile	125 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:	15:35	BR3	7.4	7.4	°C °F						
						Time:		Temp.:	↓	↓	12.6	17.8	°C °F						
						Reading:		DO:											
						Units:		Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1									

NWA UTILI

PO Box 9299
Fayetteville, AR
72703



ADEQ
Water Div. Permits Branch
5301 Northshore Dr.
N Little Rock, AR

72118