

**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
5/1/2020		5/31/2020

**TREATED WASTEWATER EFFLUENT SAMPLING**

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.330,088	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.014,202	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	11.2	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	24.1	mg/l		
Fecal Collform Bacteria (FCB)	4,000	< 5.0	colonies/100ml		
pH	6.0 - 9.0	7.4	s.u.		
Total Phosphorus (TP)	REPORT	10.4	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT	57.4	mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT	55.3	mg/l		
Nitrate Nitrogen ( NO3-N) + Nitrite Nitrogen ( NO2-N)	REPORT	0.63	mg/l		
Plant Available Nitrogen (PAN)	REPORT	56.5	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>	<p><i>K Bartlett</i></p>	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE
			6/15/2020

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

* LOADING RATE BY ZONE					
Zone 1	2367	Zone 5	2367		
Zone 2	2367	Zone 6	2367		
Zone 3	2367				
Zone 4	2367				

# 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: 2005020048

Customer Name : DEER HAVEN UTILITY LLC

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

Report Date : 05/22/20

Sample Date : 05/14/20

Sample Time : 1240

Sample Type : GRAB

Sample From : DOSETANK/EFFLUENT

Collected By: TWM

Delivery By : TWM

Work Order :

Purchase Order :

## Laboratory Analysis

Analysis							Quality Assurance	
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision
								Accuracy
								% RPD
								% Recovery
05/14	1240	TWM	pH	7.4 S.U.			SM 2011 4500-H+ B	0.00
05/19	1300	TSB	Phosphorous, Total (as P)	10.40 mg/L			EPA 365.3	0.85
05/16	1430	TSB	Solids, Total Suspended	24.1 mg/L			SM 2011 2540 D	0.00
05/14	1630	TSB	Fecal Coliform (MPN/100mL)	< 5.0 /100ml			06/2012 Colilert18	0.00
05/15	1200	TSB	BOD, Carbonaceous	11.2 mg/L			SM 2001 5210 B	18.78

\* 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.


330,088  
14,208



**Carlsbad, New Mexico**  
**575-887-1ESC**

## CHAIN OF CUSTODY

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 **NWA Utility Services Inc**  
**PO Box 9299**  
**Fayetteville, AR 72703**

ADEQ  
WATER DIVISION/PERMITS BRANCH  
5301 Northshore Drive  
N Little Rock, AR 72118-5317