

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

PERMITTEE NAME
First Asset Holding
PERMITTEE ADDRESS
PO Box 7
Fort Smith AR 72902

FACILITY NAME (IF DIFFERENT)
Deer Haven Subdivision
FACILITY ADDRESS
15046 Smith Ridge Rd
Garfield AR 72732


PERMIT NO.
4908-WR-2

AFIN NO.
04-01681

WASTEWATER EFFLUENT MONITORING PERIOD		
MM/DD/YYYY		MM/DD/YYYY
2/1/2018		2/28/2018

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	30	9.1	mg/l	GRAB SAMPLE ONCE A MONTH	
Total Suspended Solids (TSS)	45	11	mg/l		
Fecal Coliform Bacteria (FCB)	4,000	1,100	colonies/100ml		
pH	6.0 - 9.0	7.2	s.u.		
Total Phosphorus (TP)	REPORT	8.6	mg/l	GRAB SAMPLE ONCE A QUARTER	
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l		
Ammonia Nitrogen	REPORT	No Report	mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ N)	REPORT	No Report	mg/l		
Plant Available Nitrogen (PAN)	REPORT	No Report	mg/l		

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
TYPED OR PRINTED			(479) 530-5926	3/8/2018

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

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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: 1802020105	Sample Date : 02/09/18	Collected By: AEU
Customer Name : DEER HAVEN UTILITY LLC	Sample Time : 1334	Delivery By : AEU
Customer/Permit No. : 1821 / 4908-WR-1	Sample Type : GRAB DEER HAVEN	Work Order :
Report Date : 02/16/18	Sample From : DOSE TANK EFFLUENT	Purchase Order :

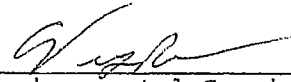
<u>Laboratory Analysis</u>						<u>Quality Assurance</u>	
<u>Analysis</u>						<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>
02/09	1336	AEU	pH	7.2	S.U.		SM 2000 4500-H+ B
02/12	1200	TSB	Phosphorous, Total (as P)	8.6	mg/L		EPA 365.3
02/14	1525	AEU	Solids, Total Suspended	11.0	mg/L		SM 1997 2540 D
02/09	1700	JCB	Coliform, Fecal	1100	/100ml		SM 9222 D 1997
02/09	1400	TSB	BOD, Carbonaceous	9.1	mg/L		SM 2001 5210 B

<u>% RPD</u>	<u>% Recovery</u>
0.00	N/A *
1.60	103.3 *
17.54	N/A *
36.36	N/A
14.60	113.0 *

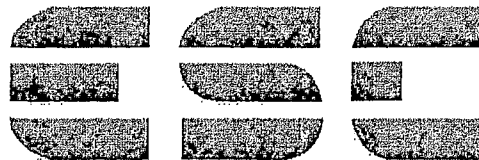
* QA data shown is from a different sample or standard on the same date.

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.

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) CBOD(70), TSS(28) F. Coliform (43)								
Address: PO Box 127						Purchase Order #:													
Avoca Ar 72711																			
Telephone:						Sampler Name(s): <i>Amber Underwood</i>													
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	#	pH(23)	TP(25)	CBOD(70), TSS(28)	F. Coliform (43)						
Dose Tank/Effluent	1802030105	8/9/18	1334	GRAB	Water	teflon	150 ml	none	1	X									
Dose Tank/Effluent	L	L	L	GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		X								
Dose Tank/Effluent	L	L	L	GRAB	Water	Plastic	1 qt	none/ice	1			X							
Dose Tank/Effluent	L	L	L	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:											
<i>[Signature]</i> Amber Underwood		8/9/18	1445	<i>[Signature]</i>				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:											
				<i>[Signature]</i> John Bond		8/9/18	1445	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
Comments:						FLOW DATA		Field Test	Time	Analyst	Result	Result	Units						
						Analyst:		pH:	1336	AFU	7.8	7.2							
						Time:		Temp.:	L	L	11.4	11.4	°C °F						
						Reading:		DO:											
						Units:		Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1									