

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


PERMITTEE NAME
First Asset Holdings, LLC
PERMITTEE ADDRESS
PO Box 7 Fort Smith, AR 72902

FACILITY NAME (IF DIFFERENT)
Deer Haven Subdivision
FACILITY ADDRESS
Smith Ridge Rd Garfield AR 72752

PERMIT NO.
4908-WR-1
AFIN NO.
04-01681

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 12/1/2015	12/31/2015

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	7.6	MG/L	ONCE/ MONTH	GRAB	
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	3.1	MG/L	ONCE/ MONTH	GRAB	
PH EFFLUENT GROSS VALUE	6 to 9	7.5	S.U.	ONCE/ MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	< 2	MG/L	ONCE/ MONTH	GRAB	
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	16.5	MG/L	ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	28	colonies/100ml	ONCE/ MONTH	GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	20.1	MG/L	ONCE/ MONTH	GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	23.85	MG/L	ONCE/ MONTH	GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.246	MG/L	ONCE/ MONTH	GRAB	
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	41.7	MG/L	ONCE/ MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		72,183	3,586			

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
			479 530-5926	1/4/2016
TYPED OR PRINTED			AREA CODE NUMBER	MM/DD/YYYY
COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)				

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: 1512020097	Sample Date : 12/09/15	Collected By: WDS
Customer Name : GREENFIELD CAP DEV-DEER HAVEN	Sample Time : 0940	Delivery By : WDS
Customer/Permit No. : 1821 / 4908-WR-1	Sample Type : GRAB DEER HAVEN	Work Order :
Report Date : 12/15/15	Sample From : DOSE TANK EFFLUENTY	Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
12/10	0930	TSB	Ammonia Nitrogen	16.5 mg/L			SM 1997 4500-NH3 F	0.00	99.8 *
12/11	0810	TSB	Kjeldahl Nitrogen Total	20.10 mg/L			SM 1997 4500-NorgB	0.00	100.3 *
12/10	1430	TSB	Nitrate Nitrogen	23.85 mg/L			SM 2000 4500-NO3 E	1.23	102.5 *
12/09	0945	TSB	Nitrite Nitrogen	0.246 mg/L			SM 2000 4500 NO2 B	0.72	97.9 *
12/09	0940	WDS	pH	7.5 S.U.			SM 2000 4500-H+ B	0.00	N/A *
12/10	1300	TSB	Phosphorous, Total (as P)	7.6 mg/L			EPA 365.3	0.00	100.5
12/09	1600	MDR	Solids, Total Suspended	< 2.0 mg/L			SM 1997 2540 D	33.33	N/A *
12/09	1600	RHB	Coliform, Fecal	28 /100ml			SM 1997 9222 D	0.00	N/A *
12/09	1300	TSB	BOD, Carbonaceous	3.1 mg/L			SM 2001 5210 B	3.19	85.0 *
12/11	1530	TSB	Nitrogen, Plant Available	41.7 mg/L			SM 1997 4500-N		

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

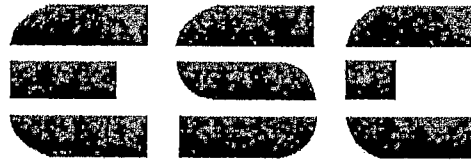
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Richard Brown

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 Subdivision						Permit/Project #:					pH(23)	TP(25),NH ₃ -N(15.A),TKN(16.A),NO ₃ (15-A)NO ₂ (19)	CBOD(70),TSS(28),PAN(99.99)	F. Coliform (43)					
Address: PO Box 127						Purchase Order #:													
Avoca Ar 72711						Sampler Name(s): Wade Schmitt													
Telephone:						and Signature(s): <i>Wade Schmitt</i>													
ESC Client Number: 1821																			
Sample Identification		Sample Collection				Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
Dose Tank/Effluent	1512020097	12-9-15	9:40	GRAB	Water	teflon	150 ml	none	1	x									
<i>L</i>	<i>L</i>	<i>L</i>	<i>L</i>	GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		x								
				GRAB	Water	Plastic	1 qt	none/ice	1			x							
				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>Wade Schmitt</i>		12-9-15	12:15					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>Samira Brooks-Tamara</i>		12-9-15	12:15	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>									
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units							
						Analyst:	pH:	9:40	WDS	7.5									
						Time:	Temp.:	9:40	WDS	73.4		°C	°F						
						Reading:	DO:												
						Units:	Debris:												
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page <u> </u> of <u> </u>									