

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

PERMITTEE NAME
First Asset Holdings, LLC

FACILITY NAME (IF DIFFERENT)
Deer Haven Subdivision

PERMIT NO.
4908-WR-1


PERMITTEE ADDRESS
PO Box 7
Fort Smith, AR 72902

FACILITY ADDRESS
Smith Ridge Rd Garfield AR 72752

AFIN NO.
04-01681

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

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	7.9		MG/L	ONCE/MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	3		MG/L	ONCE/MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	7.2		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	13.8		MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	800		colonies/100ml	ONCE/MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	16.8		MG/L	ONCE/MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	21.1		MG/L	ONCE/MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	3.41		MG/L	ONCE/MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	39.2		MG/L	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		47,331	33,280			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kathy Bartlett	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND 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	2/2/2015
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: 1501020147	Sample Date : 01/13/15	Collected By: KIK
Customer Name : GREENFIELD CAP DEV-DEER HAVEN	Sample Time : 1500	Delivery By : KIK
Customer/Permit No. : 1821 / 4908-WR-1	Sample Type : GRAB DEER HAVEN	Work Order :
Report Date : 01/20/15	Sample From : DOSE TANK EFFLUENT	Purchase Order :

Laboratory Analysis

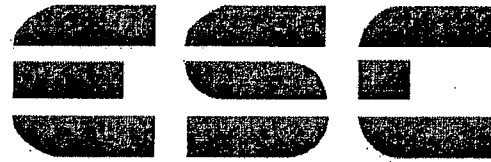
Analysis			<u>Laboratory Analysis</u>				<u>Quality Assurance</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
01/16	0830	TSB	Ammonia Nitrogen	13.8 mg/L			SM 1997 4500-NH3 F	5.76	98.5 *
01/14	0900	TSB	Kjeldahl Nitrogen Total	16.80 mg/L			SM 1997 4500-NorgB	3.12	96.0
01/14	1000	TSB	Nitrate Nitrogen	21.10 mg/L			SM 2000 4500-NO3 E	0.61	90.0 *
01/13	1600	TSB	Nitrite Nitrogen	3.410 mg/L			SM 2000 4500 NO2 B	0.59	101.5 *
01/13	1500	KIK	pH	7.2 S.U.			SM 2000 4500-H+ B	0.00	N/A *
01/15	1000	TSB	Phosphorous, Total (as P)	7.9 mg/L			EPA 365.3	0.00	98.0 *
01/15	1050	TSB	Solids, Total Suspended	< 2.0 mg/L			SM 1997 2540 D	0.00	N/A *
01/13	1620	TSB	Coliform, Fecal	800 /100ml			SM 1997 9222 D	0.00	N/A *
01/14	1600	RHB	BOD, Carbonaceous	3.0 mg/L			SM 2001 5210 B	1.10	99.7 *
01/19	1300	RHB	Nitrogen, Plant Available	39.2 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		Address: PO Box 127 Avoca Ar 72711		Permit/Project #:		Purchase Order #:		Sampler Name(s): <i>Kul Krierus</i>		and Signature(s): <i>[Signature]</i>		pH(23) TP(25),NH ₃ -N(15A),TKN(16A),NO ₃ (15A),NO ₂ (19) CBOD(70),TSS(28),PAN(99.99) F. Coliform (43)						
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	1501020147	1-13-15	1500	GRAB	Water	teflon	150 ml	none	1	x								
	<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) <i>[Signature]</i>		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		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) <i>Richard Brown</i>		Date	Time	Were samples properly preserved:		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>						
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units						
				Analyst:		pH:		1500	KJK	7.2								
				Time:		Temp.:								°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>						