

**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** **MM/DD/YYYY**
8/1/2012 8/31/2012

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	9.3		MG/L	ONCE/MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2.0		MG/L	ONCE/MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	6.3		S.U.	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	3		MG/L	ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	9.3		MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	< 2.		colonies/100ml	ONCE/MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	11		MG/L	ONCE/MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	36.40		MG/L	ONCE/MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	1.090		MG/L	ONCE/MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	47.2		MG/L	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		44,829	33,280			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kathryn 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	9/15/2012
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: 1208020225
 Customer Name : GREENFIELD CAP DEV-DEER HAVEN
 Customer/Permit No. : 1821 / 4908-WR-1
 Report Date : 08/22/12

Sample Date : 08/15/12
 Sample Time : 1000
 Sample Type : GRAB
 Sample From : DEER HAVEN EFFLUENT

Collected By: SJI
 Delivery By : SJI
 Work Order :
 Purchase Order :

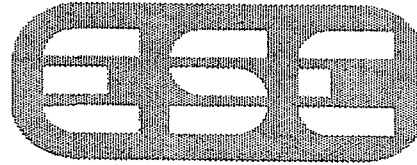
Laboratory Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recover
08/16	1000	KIK	Ammonia Nitrogen	9.3 mg/L			SM 18th 4500-NH3 H	0.90	99.1
08/16	0800	MNM	Kjeldahl Nitrogen Total	10.64 mg/L			SM 18th 4500-NorgB	3.56	96.5
08/21	1330	MNM	Nitrate Nitrogen	36.40 mg/L			SM 18th 4500-NO3 E	2.39	97.6
08/16	1340	MNM	Nitrite Nitrogen	1.090 mg/L			SM 18th 4500 NO2 B	3.38	96.7
08/15	1000	SJI	pH	6.3 S.U.			SM 18th 4500-H+ B	1.74	N/A
08/16	0830	KIK	Phosphorous, Total (as P)	9.3 mg/L			EPA 365.3	0.00	100.4
08/15	0745	MNM	Solids, Total Suspended	3.0 mg/L			SM 18th 2540D	40.00	N/A
08/15	1300	MNM	Coliform, Fecal	< 2 /100ml			SM 18th 9222D	0.00	N/A
08/15	1200	SJI	BOD, Carbonaceous	< 2.0 mg/L			SM 18th 5210B	0.00	95.0
08/22	0830	RHB	Nitrogen, Plant Available	47.2 mg/L			SM 18th 4500-NH3E		

* 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.
 Corporate Office
 13715 West Markham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



Environmental Services Company, Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

CHAIN OF CUSTODY

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

Client Information						Project Information					Requested Parameters						
Company Name: Deer Haven Subdivision						Permit/Project #:					P, NH ₃ -N, TKN, NO ₃ CBOD, TSS, NO ₂ , PAN F. COLIFORM						
Address: PO Box 127						Purchase Order #:											
Avoca Ar 72711						Sampler Name(s): Sam J. Isaacks											
Telephone:						and Signature(s): <i>S</i>											
ESC Client Number: 1821																	
Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	pH							
Dose Tank/Effluent	1128036 225	8/15/12	1000	GRAB	Water	teflon	150 ml	none	1	X							
		/	/	GRAB	Water	Plastic	1 qt	H ₂ SO ₄ , pH<2	1		X						
				GRAB	Water	Plastic	1 qt	none/ice	1			X					
				GRAB	Water	Whirlpak	300ml	none/ice	1				X				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:									
Sam J. Isaacks <i>S</i>		8/15/12	1110					Used? <input 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 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:									
				Sam Isaacks <i>S</i>		8/15/12	1110	Yes <input type="checkbox"/> No <input type="checkbox"/>									
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units					
						Analyst:	pH:	100	528	6.3							
						Time:	Temp.:			25		°C °F					
						Reading:	DO:										
						Units:	Debris:										
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page ___ of ___							