

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

<b>PERMITTEE NAME</b>
First Asset Holdings, LLC

<b>FACILITY NAME (IF DIFFERENT)</b>
Deer Haven Subdivision

<b>PERMIT NO.</b>
4908-WR-1


<b>PERMITTEE ADDRESS</b>
PO Box 7 Fort Smith, AR 72902

<b>FACILITY ADDRESS</b>
Smith Ridge Rd Garfield AR 72752

<b>AFIN NO.</b>
04-01681

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 10/1/2012	10/31/2012

TREATED WASTEWATER EFFLUENT SAMPLING					
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	7.9		MG/L	ONCE/ MONTH
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2.0		MG/L	ONCE/ MONTH
PH EFFLUENT GROSS VALUE	6 to 9	6.2		S.U.	ONCE/ MONTH
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	4		MG/L	ONCE/ MONTH
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	4.1		MG/L	ONCE/ MONTH
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	< 2		colonies/100ml	ONCE/ MONTH
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	7		MG/L	ONCE/ MONTH
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	30.12		MG/L	ONCE/ MONTH
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.056		MG/L	ONCE/ MONTH
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	35.1		MG/L	ONCE/ MONTH
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH
		46,224	33,280		
					TOTAL FLOW

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.	 <b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>		TELEPHONE		DATE
Kathryn Bartlett		479	530-5926	11/18/2012		
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: 1210020225	Sample Date : 10/10/12	Collected By: SJI'
Customer Name : GREENFIELD CAP DEV-DEER HAVEN	Sample Time : 1110	Delivery By : SJI
Customer/Permit No. : 1821 / 4908-WR-1	Sample Type : GRAB	Work Order :
Report Date : 10/18/12	Sample From : DEER HAVEN EFFLUENT	Purchase Order :

Laboratory Analysis							Quality Assurance	
Analysis							Precision	Accuracy
Date	Time	By	Parameter	Result	Notes	Quantity	% RPD	% Recover
10/11	0915	MNM	Ammonia Nitrogen	4.1 mg/L		SM 18th 4500-NH3 H	6.50	93.3
10/16	0800	MNM	Kjeldahl Nitrogen Total	6.72 mg/L		SM 18th 4500-NorgB	0.60	99.4
10/16	1030	MNM	Nitrate Nitrogen	30.12 mg/L		SM 18th 4500-NO3 E	2.02	97.0
10/15	1430	MNM	Nitrite Nitrogen	0.056 mg/L		SM 18th 4500 NO2 B	8.28	92.0
10/10	1115	SJI	pH	6.2 S.U.		SM 18th 4500-H+ B	0.00	N/A
10/12	0910	MNM	Phosphorous, Total (as P)	7.9 mg/L		EPA 365.3	14.49	105.9
10/13	1020	SJI	Solids, Total Suspended	4.0 mg/L		SM 18th 2540D	0.00	N/A
10/10	1410	SJI	Coliform, Fecal	< 2 /100ml		SM 18th 9222D	0.00	N/A
10/10	1330	SJI	BOD, Carbonaceous	< 2.0 mg/L		SM 18th 5210B	0.00	109.0
10/18	1000	RHB	Nitrogen, Plant Available	35.1 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 Broom  
Environmental Services Co., Inc.

13715 West Markham P.O. Box 55146  
Little Rock, AR 72211 Little Rock, AR 72215  
website: [www.esclabs.com](http://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 #:					pH P, NH <sub>3</sub> -N, TKN, NO <sub>3</sub> CBOD, TSS, NO <sub>2</sub> , PAN F. COLIFORM													
Address: PO Box 127 Avoca Ar 72711						Purchase Order #:																		
Telephone:						Sampler Name(s): Sam J. Isaacks																		
Telephone:						and Signature(s):																		
ESC Client Number: 1821																								
Sample Identification			Sample Collection				Sample Containers																	
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#															
Dose Tank/Effluent	1210020225	10/10/12	1110	GRAB	Water	teflon	150 ml	none	1	X														
		1	1	GRAB	Water	Plastic	1 qt	H <sub>2</sub> SO <sub>4</sub> , 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		10/10/12	1230							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:														
				Sam J. Isaacks				10/10/12	1230	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>												
Comments:						FLOW DATA		Field Test	Time	Analyst	Result	Result	Units											
						Analyst:		pH:	1115	322	6.2													
						Time:		Temp.:			19.8		°C °F											
						Reading:		DO:																
						Units:		Debris:																
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 3 of 3														