

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

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

<b>PERMIT NO.</b> 4908-WR-1
<b>AFIN NO.</b> 04-01681

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>	
FROM	
MM/DD/YYYY 12/1/2012	MM/DD/YYYY 12/31/2012

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	7.2	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	6.8	S.U.	ONCE/ MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	< 2.0	MG/L	ONCE/ MONTH	GRAB	
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	7.8	MG/L	ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	50	colonies/100ml	ONCE/ MONTH	GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	12	MG/L	ONCE/ MONTH	GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	18.32	MG/L	ONCE/ MONTH	GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.082	MG/L	ONCE/ MONTH	GRAB	
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	27.4	MG/L	ONCE/ MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		49,444	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	1/15/2013
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: 1212020359  
 Customer Name : GREENFIELD CAP DEV-DEER HAVEN  
 Customer/Permit No. : 1821 / 4908-WR-1  
 Report Date : 12/28/12

Sample Date : 12/19/12  
 Sample Time : 1115  
 Sample Type : GRAB W  
 Sample From : DOSE TANK/EFFLUENT

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

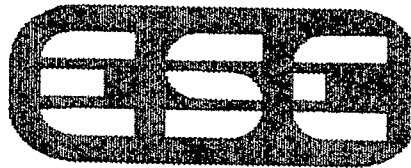
Analysis			<u>Laboratory Analysis</u>				<u>Quality Assurance</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u> % RPD	<u>Accuracy</u> % Recover
12/26	0930	KIK	Ammonia Nitrogen	7.8 mg/L			SM 18th 4500-NH3 H	11.43	86.2
12/20	0800	KIK	Kjeldahl Nitrogen Total	11.76 mg/L			SM 18th 4500-NorgB	10.86	89.7
12/26	1400	MNM	Nitrate Nitrogen	18.32 mg/L			SM 18th 4500-NO3 E	6.06	107.9
12/21	1550	MNM	Nitrite Nitrogen	0.082 mg/L			SM 18th 4500 NO2 B	4.17	95.9
12/19	1120	SJI	pH	6.8 S.U.			SM 18th 4500-H+ B	0.00	N/A
12/28	1100	MNM	Phosphorous, Total (as P)	7.2 mg/L			EPA 365.3	6.06	105.0
12/21	1610	SJI	Solids, Total Suspended	< 2.0 mg/L			SM 18th 2540D	0.00	N/A
12/19	1500	RHB	Coliform, Fecal	50 /100ml			SM 18th 9222D	0.00	N/A
12/19	1400	SJI	BOD, Carbonaceous	< 2.0 mg/L			SM 18th 5210B	13.33	99.0
12/28	0730	RHB	Nitrogen, Plant Available	27.4 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 #:						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		Purchase Order #:																	
		Avoca Ar 72711		Sampler Name(s):		Sam J. Isaacks															
Telephone:				and Signature(s):		<i>SJ</i>															
Telephone:				ESC Client Number:		1821															
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
Dose Tank/Effluent	1212020359	12/19/12	1115	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 <i>SJ</i>		12/19/12	1200					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: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Comments:				FLOW DATA		Field Test	Time	Analyst	Result	Result	Units										
				Analyst:		pH:	1120	304	68												
				Time:		Temp.:			12.5		°C	°F									
				Reading:		DO:															
				Units:		Debris:															
Cool all samples to 6 degrees C.										Chlorinated? Yes No		This Document is Page 1 of 1									

SJR