

**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 11/1/2012	11/31/2012

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	6.2	S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	4	MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	2.5	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	5	MG/L	ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	33.89	MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.014	MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	37.2	MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH
		39,441	33,280		

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	12/13/2012
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: 1211020230  
 Customer Name : GREENFIELD CAP DEV-DEER HAVEN  
 Customer/Permit No. : 1821 / 4908-WR-1  
 Report Date : 11/19/12

Sample Date : 11/14/12  
 Sample Time : 1020  
 Sample Type : GRAB  
 Sample From : DEER HAVEN EFFLUENT

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

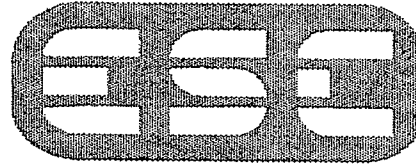
<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recover</u>
	11/15	0830	KIK	Ammonia Nitrogen	2.5 mg/L			SM 18th 4500-NH3 H	1.06	99.2
	11/20	0840	MNM	Kjeldahl Nitrogen Total	5.04 mg/L			SM 18th 4500-NorgB	3.23	103.6
	11/19	0800	MNM	Nitrate Nitrogen	33.89 mg/L			SM 18th 4500-NO3 E	2.11	97.9
	11/21	1115	MNM	Nitrite Nitrogen	0.014 mg/L			SM 18th 4500 NO2 B	4.58	95.5
	11/14	1025	SJI	pH	6.2 S.U.			SM 18th 4500-H+ B	0.00	N/A
	11/20	0900	MNM	Phosphorous, Total (as P)	7.2 mg/L			EPA 365.3	6.25	93.7
	11/17	0900	SJI	Solids, Total Suspended	4.0 mg/L			SM 18th 2540D	0.00	N/A
	11/14	1400	SJI	Coliform, Fecal	2 /100ml			SM 18th 9222D	0.00	N/A
	11/14	1300	SJI	BOD, Carbonaceous	< 2.0 mg/L			SM 18th 5210B	0.00	107.0
	11/21	1310	SJI	Nitrogen, Plant Available	37.2 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		Address: PO Box 127 Avoca Ar 72711		Permit/Project #:		Purchase Order #:		Sampler Name(s): Sam J. Isaacks <i>Sam</i>		and Signature(s):		pH	P, NH <sub>3</sub> -N, TKN, NO <sub>3</sub>	CBOD, TSS, NO <sub>2</sub> , PAN	F. COLIFORM		
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	1211026230	11/14/12	1020	GRAB	Water	teflon	150 ml	none	1	X							
		/	/	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) Sam J. Isaacks <i>Sam</i>		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		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) <i>Sam Isaacks</i>		Date	Time	Were samples properly preserved:		Yes <input type="checkbox"/>		No <input type="checkbox"/>					
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units					
				Analyst:		pH:		1021	SDP	6.1							
				Time:		Temp.:				14.1		°F					
				Reading:		DO:											
				Units:		Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page ___ of ___								