

**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 10/1/2014	10/31/2014

<b>TREATED WASTEWATER EFFLUENT SAMPLING</b>						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	6.8	MG/L	ONCE/ MONTH	GRAB	
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2	MG/L	ONCE/ MONTH	GRAB	
PH EFFLUENT GROSS VALUE	6 to 9	6.1	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	8.5	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	11.2	MG/L	ONCE/ MONTH	GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	37.82	MG/L	ONCE/ MONTH	GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.069	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
		52,200	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.	 <b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>	TELEPHONE	DATE
Kathy Bartlett <b>TYPED OR PRINTED</b>			479    530-5926 <small>AREA CODE    NUMBER</small>	11/4/2014 <small>MM/DD/YYYY</small>

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: 1410020088  
Customer Name : GREENFIELD CAP DEV-DEER HAVEN  
Customer/Permit No. : 1821 / 4908-WR-1  
Report Date : 10/16/14

Sample Date : 10/08/14  
Sample Time : 1035  
Sample Type : GRAB DEERHAVEN  
Sample From : EFFLUENT DOSE TANK

Collected By: WDS  
Delivery By : WDS  
Work Order :  
Purchase Order :

### Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
10/10	1430	TSB	Ammonia Nitrogen	8.5 mg/L			SM 1997 4500-NH3 F	0.00	100.5 *
10/13	0830	TSB	Kjeldahl Nitrogen Total	11.20 mg/L			SM 1997 4500-NorgB	2.16	99.2 *
10/14	0930	TSB	Nitrate Nitrogen	37.82 mg/L			SM 2000 4500-NO3 E	0.00	101.6
10/09	1500	TSB	Nitrite Nitrogen	0.069 mg/L			SM 2000 4500 NO2 B	0.91	99.8 *
10/08	1035	WDS	pH	6.1 S.U.			SM 2000 4500-H+ B	0.00	N/A *
10/13	1345	TSB	Phosphorous, Total (as P)	6.8 mg/L			EPA 365.3	3.77	95.0 *
10/10	1330	TSB	Solids, Total Suspended	< 2.0 mg/L			SM 1997 2540 D	18.18	N/A *
10/08	1600	TSB	Coliform, Fecal	< 2 /100ml			SM 1997 9222 D	0.00	N/A *
10/08	1000	KIK	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	9.13	96.3 *
10/15	0830	TSB	Nitrogen, Plant Available	47.2 mg/L			SM 1997 4500-N		

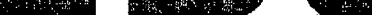
\* QA data shown is from a different sample or standard on the same date.

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.



Carlsbad, New Mexico  
575-887-1ESC

## CHAIN OF CUSTODY

Client Information						Project Information					Requested Parameters												
Company Name: Deer Haven Subdivision						Permit/Project #:					pH(23) TP(25),NH <sub>3</sub> -N(15A),TKN(16A),NO <sub>3</sub> (15A),NO <sub>2</sub> (19)	CBOD(70), TSS(28),PAN(99.99)	F. Coliform (43)										
Address: PO Box 127						Purchase Order #:																	
Avoca Ar 72711						Sampler Name(s): Wade Schmitt																	
Telephone:						and Signature(s): W.S.																	
ESC Client Number: 1821																							
Sample Identification			Sample Collection			Sample Containers																	
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#														
Dose Tank/Effluent	1410020088	10-8-14	10:35	GRAB	Water	teflon	150 ml	none	1	x													
	L	L	L	GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , 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) W.S. Wade Schmitt						Date	Time	Received By: (Signature and Printed Name)			Date	Time	Custody Seals:										
Relinquished By: (Signature and Printed Name)						Date	Time	Received By: (Signature and Printed Name)			Date	Time	Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)						Date	Time	Received for Lab By: (Signature and Printed Name) Richard Brown RICHARD BROWN			Date	Time	Regular	<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>	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:	10:35	WBS	6.1												
						Time:		Temp.:						°C °F									
						Reading:		DO:															
						Units:		Debris:															
Cool all samples to 6 degrees C.										Chlorinated? Yes No			This Document is Page __ of __										



P.O. Box 9299  
Fayetteville, AR 72703

NWA P&DF 72701  
WED 12 NOV 2014 PM



ADEQ Water Division  
Permits Branch  
5301 Northshore Dr  
N Little Rock, AR 72118-5317