

**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

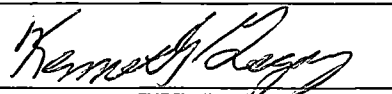
FACILITY ADDRESS
Smith Ridge Rd Garfield AR 72752

AFIN NO.
04-01681

WASTEWATER EFFLUENT MONITORING PERIOD

MM/DD/YYYY	MM/DD/YYYY
FROM 7/1/2016	7/31/2016

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	8.8		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	5.7		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	13.5		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	8		colonies/100ml	ONCE/ MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	16.8		MG/L	ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	33.78		MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.719		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	48.9		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		46,528	2,725			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kathy Bartlett	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.		TELEPHONE		DATE
			479	530-5926	8/4/2016
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	MM/DD/YYYY	

COMMENTS AND EXPLANATION OF VIOLATIONS *(Reference all attachments h)* We feel the low pH is due to low flow and alkalinity of water. We will check alkalinity, and adjust as needed.

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: 1607020126

Customer Name : DEER HAVEN UTILITY LLC

Customer/Permit No. : 1821 / 4908-WR-1

Report Date : 07/22/16

Sample Date : 07/13/16

Sample Time : 0945

Sample Type : GRAB DEER HAVEN

Sample From : DOSE TANK EFFLUENT

Collected By: AEU

Delivery By : AEU

Work Order :

Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
07/14	0900	TSB	Ammonia Nitrogen	13.5 mg/L			SM 1997 4500-NH3 F	0.00	98.4 *
07/21	0930	TSB	Kjeldahl Nitrogen Total	16.80 mg/L			SM 1997 4500-NorgB	1.60	101.0 *
07/14	1415	TSB	Nitrate Nitrogen	33.78 mg/L			SM 2000 4500-NO3 E	0.60	101.2 *
07/13	1600	RHB	Nitrite Nitrogen	0.719 mg/L			SM 2000 4500 NO2 B	0.25	97.4 *
07/13	0945	AEU	pH	5.7 S.U.			SM 2000 4500-H+ B		
07/14	1300	TSB	Phosphorous, Total (as P)	8.8 mg/L			EPA 365.3	3.23	100.3 *
07/15	1000	AEU	Solids, Total Suspended	2.0 mg/L			SM 1997 2540 D	22.22	N/A
07/13	1400	CLS	Coliform, Fecal	8 /100ml			SM 9222 D 1997	0.00	N/A *
07/13	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	15.95	87.0 *
07/21	1615	TSB	Nitrogen, Plant Available	48.9 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.

