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

	1
PERMITTEENAME	
First Asset Holdings, LLC	
PERMITITEE'ADDRESS	
PO Box 7	
Fort Smith, AR 72902	

Deer Haven Subdivision

FACILITY/ADDRESS

Smith Ridge Rd Garfield AR 72752

4908-WR-1

AFININO.

04-01681

	WASTEWATER EFFLUENTIMONITORING PERIOD						
	MM/DD/YYYY	MM/DD/YYYY					
FROM	2/1/2014	2/28/2014					

PARAMETER	PARAMETER PERMIT REQUIREMENT SAMPLE MEASUREMENT UNITS		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	6.7		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	16		MG/L	ONCE/ MONTH		GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE		10,000	161		colonies/100ml	ONCE/ MONTH		GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	19.04		MG/L		ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT	22.86)	MG/L		ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE		REPORT	12		MG/L		ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE		REPORT	39.7		MG/L		ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT (EFFLUENT GROSS VALUE	JNIT	, REPORT	MONTHLY TOTAL 33,921	DAILY MAX 33,280	GPD	ONCE/ MONTH		TOTAL FLOW
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTI	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM						ELEPHONE	DATE
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 SIGNATURE OF PRINCIPAL					479	479 530-5926 3/7/201	
TYPED OF PRINTED	AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AUTHORIZED AGENT		AREA CODE	NUMBER	MM/DD/YYYY			

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: 1402020072 Sample Date: 02/12/14 Collected By: WDS Customer Name: GREENFIELD CAP DEV-DEER HAVEN Sample Time: 1010 Delivery By: WDS

Customer/Permit No.: 1821 / 4908-WR-1 Sample Type : GRAB Work Order :
Report Date : 02/19/14 Sample From : DOSE TANK EFFLUENT Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
Date Time By	<u>Parameter</u>	Result Notes	Quantity Method	% RPD	% Recover
02/18 1300 TSB	Ammonia Nitrogen	16.0 mg/L	SM 18th 4500-NH3 H	1.59	82.0
	Kjeldahl Nitrogen Total	19.04 mg/L	SM 18th 4500-NorgB	0.00	102.8
02/18 0800 TSB	Nitrate Nitrogen	22.86 mg/L	SM 18th 4500-NO3 E	0.00	105.0
02/14 1130 TSB	Nitrite Nitrogen	12.000 mg/L	SM 18th 4500 NO2 B	0.75	105.0
02/12 1010 WDS	рН	6.7 S.U.	SM 18th 4500-H+ B	0.00	N/A
	Phosphorous, Total (as P)	6.8 mg/L ·	EPA 365.3	2.11	102.0
02/17 1400 KIK	Solids, Total Suspended	< 2.0 mg/L	SM 18th 2540D	0.00	N/A
02/12 1530 VLP	Coliform, Fecal	161 /100ml	SM 18th 9222D	13.66	N/A
02/12 1400 RHB	BOD, Carbonaceous	< 2.0 mg/L	SM 18th 5210B	0.00	92.0
02/18 1600 TSB	Nitrogen, Plant Available	39.7 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

Environmental Services Co., Inc.

Environmental Services Company, Inc. Corporate Office

13715 West Markham

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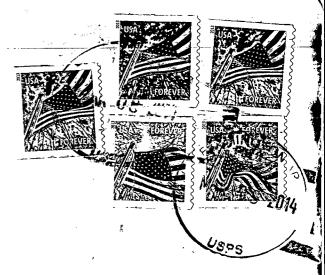


Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Fax: 501-221-1341 Phone 479-750-1170 Fax:: 479-750-1172 Client Information Project Information Requested Parameters Company Name: Deer Haven Subdivision Permit/Project #: TP(25),NH3-N(15.A),TKN(16.A),N03(15.A)NO2(19) Address: PO Box 127 Purchase Order #: CBOD(70),TSS(28),PAN(99.99) Avoca Ar 72711 Telephone: Sampler Name(s): Telephone: Coliform (43) and Signature(s): ESC Client Number: 1821 pH(23) Sample Identification Sample Collection Sample Containers Identification ESC Control # Date Time Volume Preservative Type Matrix Type 1402020072 10:10 Dose Tank/Effluent 2-12-14 **GRAB** Water teflon 150 ml X none H₂SO₄,pH<2 **GRAB** Water Plastic 8 oz X **GRAB** Water Plastic 1 at none/ice GRAB Water Whirlpak 100 ml none/ice Received By: (Signature and Printed Name) Custody Seals: Used? Intact? Received By: (Signature and Printed Name) Date Turnaround Regular Special Relinquished By: (Signature and Printed Name) Received for Lab By: (Signature and Printed Name) Date -12-14 Were samples properly preserved: Richard Brown RICHARD BROWN Yes No Comments: FLOW DATA Field Test Time Analyst Result Result Units Analyst: pH: 10010 WD> 6.7 Time: Temp.: °C Reading: DO: Units: Debris: Cool all samples to 6 degrees C. Chlorinated? Yes No This Document is Page

GCD P.O. Box 9299 Fayetteville, AR 72703



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Permits Branch
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