

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

PERMITTEE NAME	V	FACILITY NAME (IF DIFFERENT)						
Legacy Estates Homeowners Ass	sociation Inc	Lega	cy Estates Wastewater T	reatment Facility		L	4890-WR-2	İ
PERMITTEE ADDRES PO Box 8835 Fayetteville AR 72702		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	[AFIN NO. 72-01642				
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		MM/DD/YYYY 6/1/2020	WATER EFFLUENT MO	MM/DD/YYYY 6/30/2020				
TREATED WASTEWATER EFFLUE	NT SAMPLING	n 1 2 2 2					e karana	1
PARAMETER		Limit	Sample Measurement	UNITS	Monitoring	Reporting		
Flow, Monthly total		REPORT	0.417,860	MG	Total Flow per calendar month			
Flow, daily maximun		REPORT	0.018,198	MGD	Daily			
Carbonaceous Biochemical Oxygen Demand (CBOD5)		15	< 2.5	mg/l		1		
Total Suspended Solids (TSS)		15	13.6	mg/l				
Fecal Coliform Bacteria (FCB)		2,000	< 5.0	colonies/100ml	Grab Sample once per month			
pH		6.0 - 9.0	7.1	s.u.		Prior to	the 15th of the	
Total Phosphorus (TP)		REPORT	8.59	mg/l		follov	ving Month	
Total Kjeldahl Nitrogen (TKN)		REPORT		mg/l				
Ammonia Nitrogen		REPORT mg/l						
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)		REPORT		mg/l	Grab sample once per quarter			
Plant Available Nitrogen (PAN)		REPORT		mg/l				
Loading Rate		REPORT	See Attached gpd/ft 2		Daily			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PEI	NALTY OF LAW THAT I HAVE PERSONALLY	EXAMINED AND AM WITH TH	E INFORMATION	KMWGet	1	TELEPHONE	DATE
	SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR							
Katha Badlan	OBTAINING THE INF	ORMATION, I BELIEVE THE SUBMITTED	INFORMATION IS TRUE, A	CCURATE, AND	SIGNATURE OF PRINCIPAL		(479) 530- 5926	7/15/2020
Kathy Bartlett TYPED OR PRINTED	COMPLETE, I AM AWA	ARE THAT THERE ARE SIGNIFICANT PENAL	TIES FOR SUBMITTING FALS	EXECUTIVE OFFICER OR		3920	MM/DD/YYYY	
COMMENTS AND EXPLANATION O	AUTHORIZED AGENT							
COMMENTS AND EXPLANATION O	F VIOLATIONS (AE	riererice all attacriments riere)						

June 2020 LEGACY ESTATES

PERMIT # 4890-WR-1

MAXIMUM DAILY FLOW GPD	18,198							
ZONE IDENTIFICATION	LOADING RATE BY ZONE							
A 1	1485							
B 1	1368							
C 1	815							
D 1	2089							
E 1	2089							
F 1	1132							
G 1	1515							
H1	1437							
11	1489							
J1	1636							
K 1	1965							

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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: 2006020086

Customer Name : LEGACY UTILITY, LLC

Customer/Permit No.: 2440 / 4890-WR-2 N/A

Report Date : 07/08/20

Sample Date : 06/25/20 Sample Time : 1610

Sample Type : GRAB
Sample From : EFFLUENT

Collected By: TWM
Delivery By : TWM

Work Order : Purchase Order :

•	Quality Assurance					
Analysis				·	Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	<u> Method</u>	% RPD	<pre>% Recovery</pre>
06/25 1615 TWM	рн	7.1 S.U.		SM 2011 4500-H+ B	0.00	N/A *
06/30 1655 NTR	Phosphorous, Total (as P)	8.59 mg/L		EPA 365.3	0.00	91.0 *
06/29 0800 NTR	Solids, Total Suspended	13.6 mg/L	•	SM 2011 2540 D	9.01	N/A *
06/25 1645 TSB	Fecal Coliform (MPN/100mL	< 5.0 /100ml		06/2012 Colilert18	0.00	N/A *
06/26 1500 TWM	BOD, Carbonaceous	< 2.5 mg/L	•	SM 2001 5210 B	4.90	101.8 *

* 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.



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Environmental Services Company, Inc. Northwest Arkansas - 1107 Century Street Springdale, Arkansas 72762

Fax: 479-750-1172

website: www.esclabs.com

Phone: 479-750-1170



Corporate Office, Little Rock, Arkansas 501-221-2565

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information				Project Information					Requested				Parameters				
Company Name:	Name: Legacy Estates			Permit/Project #:						T	Т						
Address:	13158 Randopih Rd.			Purchase	Purchase Order #:												
	Tontitown, AR 727	70]		$\longrightarrow 1$		~	7]
Telephone: Ken Gregory's Cell- (479) 790-3813			Sampler N	Sampler Name(s): ///www.huck //hu			<u> </u>		(28)			'					
Telephone:				}			<u> </u>			7 2		TSS					1
				and Signature(s):													
ESC Client Number:	2440			,						Coliform (43 IF)		I-Phos (25) CBOD (70)					1
Sample Ide	entification		Sample	Collection		Sample Containers					CBOD	(23)	١.				
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	# 4		<u> </u>	玉				
EFFLUENT	2006020086	bksho	1610	GRAB	Water	Sterile	125 ml	Na ₂ S ₂ O ₃		1)			_	<u> </u>		$ldsymbol{ld}}}}}}$	
EFFLUENT		(. , ,		GRAB	Water	Plastic	8 oz	H₂SO₄,pH<	2	1		x L		<u>L</u>			<u> </u>
EFFLUENT				GRAB	Water	Plastic	1/2 gal	none/ice		1	╧	X		L	Ŀ	<u> </u>	<u>L</u>
EFFLUENT	1		4	GRAB	Water	Glass	150 ml	none		0	1		X	Ŀ	<u> </u>		乚
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Relinquished By: (Signature and Prin	ted Name)	Date	Time	Received By: (Signature and Printed Name)				Date	Time	- 1	stoay ed?	y Seals:	N Intact?			1	
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Date	Time	- 1	Turnaround: Regular X			Special				
Relinguished By (Signature and Printed Name)		, Date)	Time	Received for Lan By: (Signature and Printed Nat				6-25-20	Time			amples	ples properly preserved:			<u>. </u>	
Wermeek	- 1 hu	0/25/20	1640	Minni	7500670	IMON	1 NUR	615.11	166		Υe	es X			No		<u> </u>
Comments:					FLOW DA	ATA [*]	Field Test	Time	Analyst	Re	sult	Re	sult		Units	3	
					Analyst:		pH:	1615	TWN	17	<u>.}</u>].[:		
					Time:		Temp.:				•			°C		°F	
					Reading:		DO:								:		
					Units: Debris:							•					
Cool all samples to 6 degrees C.					·)		Chlorinated	? Yes N	 lo .	Th	is D	ocum	ent is	Pag	e :	Ì	

NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

ADEQ WATER DIVISION/PERMITS BRANCH 5301 Northshore Drive N Little Rock, AR 72118-5317



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