

Smith, George

From: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Sent: Tuesday, October 15, 2019 1:20 PM
To: SWD_Waste
Cc: John Power; Justin G. Roessler; Justin G. Grant; 'Jason Gorrie'; Carrie S. Kimble; Cintia L. Richardson; Joanne Chamberlain
Subject: Pasco County Leachate Quarterly Report for September 2019; WACS# 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 201909 Sept.pdf

Please find attached Pasco County's Leachate Report for the quarter ending September 30, 2019.
Thank you,



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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: September 30, 2019

WEST PASCO CLASS I LANDFILL (WACS# 45799)

TOTAL LEACHATE:

MONTH	MEASURED RAINFALL (INCHES)	TOTAL LEACHATE (Gallons) ASH CELLS	Acres:	TOTAL LEACHATE	Acres:
			50	(Gallons) SW CELLS	20
			Gallons / acres / days	Gallons / acres / days	
			ASH	SW	
Jul-19	8.5	528,598	341.03	1,581,027	2550.04
Aug-19	18.5	1,739,717	1122.40	2,958,583	4771.91
Sep-19	2.25	816,141	544.09	951,763	1586.27
TOTAL:	29.25	3,084,456		5,491,373	
		AVERAGE:	670.53		2984.44

SECONDARY LEACHATE and ACTION LEAKAGE RATE (ALR):

ALR Formula = Gallons / Acres / Days (g/a/d)

Acreage:	10	10	10	20	10	10
MONTH	CELL A1	CELL A2	CELL A3	CELL A4	CELL SW1	CELL SW2
gallons - ALR						
Jul-19	101g - 0.33g/a/d	116g - 0.37g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	129g - 0.42g/a/d	319g - 1.03g/a/d
Aug-19	99g - 0.32g/a/d	196g - 0.63g/a/d	0g - 0.00g/a/d	1200g - 1.94g/a/d	3002g - 9.68g/a/d	833g - 2.69g/a/d
Sep-19	134g - 0.45g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	215g - 0.72g/a/d	1184g - 3.95g/a/d
Quarter:	334g - 0.36g/a/d	312g - 0.34g/a/d	0g - 0.00g/a/d	1200g - 0.65g/a/d	3346g - 3.64g/a/d	2336g - 2.54g/a/d

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 LEACHATE REPORT
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WEST PASCO CLASS III LANDFILL (WACS# 45799)

			Acres: 20
MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Gallons / acres / days Class III
Jul-19	9	942,172	1519.63
Aug-19	18.75	3,560,977	5743.51
Sep-19	2.25	864,503	1440.84
TOTAL:	30.00	5,367,652	
		Average:	2917.20

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 LEACHATE REPORT
 QUARTER ENDING: September 30, 2019

EAST PASCO CLASS I LANDFILL (WACS# 45797)

								Acres 80
		LEACHATE (GALLONS)						
MONTH	MEASURED RAINFALL (INCHES)	TANK 1	TANK 2	TANK 3	TANK 4	TANK 5	TOTAL	Gallons / acres / days East Pasco
July-19	11.35	51,587.53	104,088.74	115,434.06	6,007.19	17,916.06	295,033.58	118.97
August-19	12.77	54,321.34	42,491.62	42,587.52	0.00	5,769.78	145,170.26	58.54
September-19	2.00	47,047.95	51,654.67	59,064.74	0.00	6,079.14	163,846.50	68.27
TOTAL	26.12	152,956.82	198,235.03	217,086.32	6,007.19	29,764.98	604,050.34	
							Average:	82.07