

Ramey, Ashleigh

From: Deborah Taylor <dtaylor@pascocountyfl.net>
Sent: Thursday, October 13, 2022 3:54 PM
To: SWD_Waste
Cc: Justin G. Roessler; Justin G. Grant; 'jason@jmg-eng.com'; Carrie S. Kimble; Timothy J. Treshler; Jeannie L. Burda; Joanne Chamberlain
Subject: Pasco County Leachate Quarterly Report for September 2022, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202209 - Sept FINAL.pdf

EXTERNAL MESSAGE

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Good afternoon,
Please see attached Pasco County's Leachate report for the quarter ending September 30th, 2022.

Thank you,

Debbie Taylor



Debbie Taylor

Accountant I

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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: September 30, 2022

WEST PASCO CLASS I LANDFILL (WACS# 45799)

TOTAL LEACHATE:

MONTH	MEASURED RAINFALL (INCHES)	TOTAL LEACHATE (Gallons) ASH CELLS	Acres: 50		Acres: 20	
			Gallons / acres / days ASH	TOTAL LEACHATE (Gallons) SW CELLS	Gallons / acres / days SW	
Jul-22	10.69	634,437	409.31	828,885	1336.91	
Aug-22	7.44	671,338	433.12	960,840	1549.74	
Sep-22	10.25	1,018,500	679.00	2,100,750	3501.25	
TOTAL:	28.38	2,324,275		3,890,475		
		AVERAGE:	505.28		2114.39	

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	gallons - ALR	gallons - ALR	gallons - ALR	gallons - ALR	gallons - ALR
Jul-22	99g - 0.32g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	4519g - 7.29g/a/d	129g - 0.42g/a/d	169g - 0.55g/a/d
Aug-22	160g - 0.52g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	12058g - 19.45g/a/d	132g - 0.43g/a/d	189g - 0.61g/a/d
Sep-22	134g - 0.45g/a/d	483g - 1.61g/a/d	0g - 0.00g/a/d	7369g - 12.28g/a/d	267g - 0.89g/a/d	254g - 0.85g/a/d
Quarter:	393g - 0.43g/a/d	483g - 0.53g/a/d	0g - 0.00g/a/d	23946g - 13.01g/a/d	528g - 0.57g/a/d	612g - 0.67g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: September 30, 2022

WEST PASCO CLASS I LANDFILL (WACS# 45799)
 LEACHATE DETAIL: (All units in gallons)

MONTH	CELLS A1, A2, and A3 (Combined) PRIMARY LEACHATE	CELL A1 SECONDARY LEACHATE	CELL A2 SECONDARY LEACHATE	CELL A3 SECONDARY LEACHATE	CELL A4 PRIMARY LEACHATE	CELL A4 SECONDARY LEACHATE
Jul-22	146,000	99	0	0	483,918	4,519
Aug-22	346,800	160	0	0	312,480	12,058
Sep-22	239,987	134	483	0	771,144	7,369
TOTAL:	732,787	393	483	0	1,567,542	23,946

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Jul-22	828,885	129	169
Aug-22	960,840	132	189
Sep-22	2,100,750	267	254
TOTAL:	3,890,475	528	612

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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-22	8.25	462,097	745.32
Aug-22	8.25	644,600	1039.68
Sep-22	9.75	1,648,158	2746.93
TOTAL:	26.25	2,754,855	
Average:			1497.20

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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-22	11.60	29,558.76	29,815.34	36,731.41	0.00	6,155.88	102,261.39	41.23
August-22	9.50	52,995.21	24,494.01	61,532.37	0.00	12,117.50	151,139.09	60.94
September-22	8.50	48,913.67	24,558.75	49,146.29	10,369.30	6,184.65	139,172.66	57.99
TOTAL	29.60	131,467.64	78,868.10	147,410.07	10,369.30	24,458.03	392,573.14	
Average:								53.34