

Smith, George

From: Deborah Taylor <dtaylor@pascocountyfl.net>
Sent: Monday, July 19, 2021 2:45 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 June 2021, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202106 Jun.pdf

Good afternoon,
Please see attached Pasco County's Leachate report for the quarter ending June 30th, 2021.
Thank you,
Debbie Taylor



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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: June 30, 2021

WEST PASCO CLASS I LANDFILL (WACS# 45799)

TOTAL LEACHATE:

MONTH	MEASURED RAINFALL (INCHES)	TOTAL LEACHATE (Gallons) ASH CELLS	Acres: 50	TOTAL LEACHATE (Gallons) SW CELLS	Acres: 20
			Gallons / acres / days ASH		Gallons / acres / days SW
Apr-21	4.25	1,438,526	959.02	296,674	494.46
May-21	0.00	377,195	243.35	161,443	260.39
Jun-21	6.88	957,443	638.30	543,206	905.34
TOTAL:	11.13	2,773,164		1,001,323	
		AVERAGE:	609.49		550.18

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
Apr-21	112g - 0.37g/a/d	4g - 0.01g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	119g - 0.40g/a/d	1g - 0.00g/a/d
May-21	67g - 0.22g/a/d	1g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	84g - 0.27g/a/d	1g - 0.00g/a/d
Jun-21	107g - 0.36g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	125g - 0.42g/a/d	0g - 0.00g/a/d
Quarter:	286g - 0.31g/a/d	5g - 0.01g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	328g - 0.36g/a/d	2g - 0.00g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: June 30, 2021

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

MONTH	CELLS A1, A2, and A3 (Combined)	CELL A1	CELL A2	CELL A3	CELL A4	CELL A4
	PRIMARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE	PRIMARY LEACHATE	SECONDARY LEACHATE
Apr-21	1,238,636	112	4	0	199,890	0
May-21	123,899	67	1	0	253,296	0
Jun-21	110,817	107	0	0	846,626	0
TOTAL:	1,473,352	286	5	0	1,299,812	0

MONTH	CELLS SW1 and SW2 (Combined)	CELL SW1	CELL SW2
	PRIMARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE
Apr-21	296,674	119	1
May-21	161,443	84	1
Jun-21	543,206	125	0
TOTAL:	1,001,323	328	2

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Acres:
			20
			Gallons / acres / days
			Class III
Apr-21	4.25	203,513	339.19
May-21	0	149,060	240.42
Jun-21	4.75	186,840	311.40
TOTAL:	9.00	539,413	
Average:			296.38

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 LEACHATE REPORT
 QUARTER ENDING: June 30, 2021

EAST PASCO CLASS I LANDFILL (WACS# 45797)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)						TOTAL	Acres
		TANK 1	TANK 2	TANK 3	TANK 4	TANK 5	80		
									Gallons / acres / days
									East Pasco
April-21	3.75	29,395.68	47,460.44	60,117.50	0.00	11,937.65	148,911.27	62.05	
May-21	0.10	24,467.63	30,412.47	30,688.24	5,779.38	6,019.18	97,366.90	39.26	
June-21	7.25	30,577.93	41,652.28	73,014.39	17,705.04	6,019.18	168,968.82	70.40	
TOTAL	11.10	84,441.24	119,525.19	163,820.13	23,484.42	23,976.01	415,246.99		
Average:									57.04