

Johnson, Sabrina O

From: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Sent: Thursday, October 15, 2020 4:32 PM
To: SWD_Waste
Cc: John Power; Justin G. Roessler; Justin G. Grant; 'Jason Gorrie'; Carrie S. Kimble; Cintia L. Richardson; Joanne Chamberlain; Jeannie L. Burda
Subject: Pasco County Leachate Quarterly Report for September 2020, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202009 Sep.pdf

Good afternoon,
Please see attached Pasco County's Leachate report for the quarter ending September 30th, 2020.
Thank you,



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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: September 30, 2020

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
Jul-20	4.81	894,864	577.33	399,579	644.48
Aug-20	7.50	647,552	417.78	728,460	1174.94
Sep-20	10.50	1,276,622	851.08	2,035,728	3392.88
TOTAL:	22.81	2,819,038		3,163,767	
		AVERAGE:	612.83		1719.44

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	gallons - ALR	gallons - ALR	gallons - ALR	gallons - ALR	gallons - ALR
Jul-20	100g - 0.32g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	10075g - 16.25g/a/d	116g - 0.37g/a/d	0g - 0.00g/a/d
Aug-20	99g - 0.32g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	5684g - 9.17g/a/d	160g - 0.52g/a/d	1g - 0.00g/a/d
Sep-20	100g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	29007g - 48.34g/a/d	170g - 0.57g/a/d	450g - 1.50g/a/d
Quarter:	299g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	44766g - 24.33g/a/d	446g - 0.48g/a/d	451g - 0.49g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: September 30, 2020

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-20	613,354	100	0	0	271,435	10,075
Aug-20	276,198	99	0	0	365,670	5,684
Sep-20	372,645	100	0	0	874,970	29,007
TOTAL:	1,262,197	299	0	0	1,512,075	44,766

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Jul-20	399,579	116	0
Aug-20	728,460	160	1
Sep-20	2,035,728	170	450
TOTAL:	3,163,767	446	451

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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-20	5.5	521,702	841.45
Aug-20	7.25	687,698	1109.19
Sep-20	11.25	1,158,564	1930.94
TOTAL:	24.00	2,367,964	
Average:			1286.94

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 LEACHATE REPORT
 QUARTER ENDING: September 30, 2020

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-20	7.45	36,597.11	24,347.73	49,057.56	0.00	59,306.96	169,309.36	68.27
August-20	8.02	47,796.16	49,494.02	37,498.80	0.00	36,119.91	170,908.89	68.91
September-20	10.71	576,527.00	60,990.40	75,383.69	0.00	12,297.36	725,198.45	302.17
TOTAL	26.18	660,920.27	134,832.15	161,940.05	0.00	107,724.23	1,065,416.70	
Average:								144.76