

Johnson, Sabrina O

From: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Sent: Wednesday, July 15, 2020 4:57 PM
To: SWD_Waste
Cc: John Power; Justin G. Roessler; Justin G. Grant; 'Jason Gorrie'; Timothy J. Treshler; Carrie S. Kimble; Cintia L. Richardson; Joanne Chamberlain; Jeannie L. Burda
Subject: Pasco County Leachate Quarterly Report for June 2020, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202006 Jun.pdf

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



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

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	
Apr-20	5.1	225,644	150.43	368,581	614.30	
May-20	4.375	656,360	423.46	366,344	590.88	
Jun-20	5.625	1,135,196	756.80	904,880	1508.13	
TOTAL:	15.1	2,017,200		1,639,805		
		AVERAGE:	443.34		900.99	

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-20	100g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	700g - 1.17g/a/d	114g - 0.38g/a/d	0g - 0.00g/a/d
May-20	102g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	2200g - 3.55g/a/d	116g - 0.37g/a/d	0g - 0.00g/a/d
Jun-20	97g - 0.32g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	14100g - 23.50g/a/d	117g - 0.39g/a/d	186g - 0.62g/a/d
Quarter:	299g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	17000g - 9.34g/a/d	347g - 0.38g/a/d	186g - 0.20g/a/d

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

			Acres: 20
MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS) *	Gallons / acres / days Class III
Apr-20	4.25	1,354,117	2256.86
May-20	4.5	4,342,229	7003.60
Jun-20	6.75	4,953,686	8256.14
TOTAL:	15.50	10,650,032	
		Average:	5851.67

* Investigation of the meter serving WACS# 45799 Class III landfill reveals that the meter may be over-reporting flow rate, resulting in totals much higher than actual leachate volume for April-June. Service and diagnostic of meter serving WACS# 45799 Class III Landfill has been scheduled. More information available upon request.

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 LEACHATE REPORT
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EAST PASCO CLASS I LANDFILL (WACS# 45797)

								Acres 80	
								Gallons / acres / days East Pasco	
MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)						TOTAL	Gallons / acres / days East Pasco
		TANK 1	TANK 2	TANK 3	TANK 4	TANK 5			
April-20	3.15	29,119.05	12,278.18	18,378.91	0.00	30,709.82	169,069.55	70.45	
May-20	1.85	24,244.60	6,143.89	30,731.42	0.00	30,673.86	146,731.40	59.17	
June-20	3.30	42,743.40	24,573.14	49,398.06	0.00	12,175.06	139,899.28	58.29	
TOTAL	8.30	96,107.05	42,995.21	98,508.39	0.00	73,558.74	455,700.23		
							Average:	62.60	