

Johnson, Sabrina O

From: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Sent: Wednesday, January 15, 2020 2:19 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 December 2019; WACS# 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 201912 Dec.pdf; Pasco Leachate Data Qtr End 201909 Sept_corrected.pdf

Please find attached Pasco County's Leachate Report for the quarter ending December 31st, 2019. Additionally, upon review of last quarter's report a typographical error was discovered. The August 2019 secondary leachate quantity for Cell SW1 of the West Pasco Class I Landfill (WACS# 54799) was incorrectly keyed as "3002 gallons" when the actual quantity was "302 gallons." The corrected quarterly report for quarter ending September 2019 is also attached with the corrected value indicated.

Thank you,



Tim Treshler

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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	9	528,598	341.03	1,581,027	2550.04
Aug-19	18.5	1,818,207	1173.04	2,958,583	4771.91
Sep-19	2.25	816,141	544.09	951,763	1586.27
TOTAL:	29.75	3,162,946		5,491,373	
AVERAGE:			687.60	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	172g - 0.55g/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	302g - 0.97g/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	991g - 3.30g/a/d
Quarter:	334g - 0.36g/a/d	312g - 0.34g/a/d	0g - 0.00g/a/d	1200g - 0.65g/a/d	689g - 0.75g/a/d	2143g - 2.33g/a/d

* Previous report contained typographical error incorrectly reporting this value as "3002g."

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

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

PASCO COUNTY: UTILITIES SERVICES BRANCH
 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

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: December 31, 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	
Oct-19	7	760,904	490.91	930,821	1501.32
Nov-19	2	270,652	180.43	458,612	764.35
Dec-19	5.5	469,380	302.83	854,739	1378.61
TOTAL:	14.5	1,500,936		2,244,172	
		AVERAGE:	326.29		1219.66

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						
Oct-19	98g - 0.32g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	300g - 0.48g/a/d	143g - 0.46g/a/d	257g - 0.83g/a/d
Nov-19	120g - 0.40g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	128g - 0.43g/a/d	0g - 0.00g/a/d
Dec-19	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	113g - 0.36g/a/d	189g - 0.61g/a/d
Quarter:	218g - 0.24g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	300g - 0.16g/a/d	384g - 0.42g/a/d	446g - 0.48g/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
Oct-19	7	806,662	1301.07
Nov-19	2	472,289	787.15
Dec-19	5.5	627,255	1011.70
TOTAL:	14.50	1,906,206	
		Average:	1035.98

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 LEACHATE REPORT
 QUARTER ENDING: December 31, 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
October-19	4.00	51,973.62	49,330.93	43,189.46	6,179.86	18,395.68	169,069.55	68.17
November-19	0.60	30,172.65	48,992.81	49,122.30	0.00	18,443.64	146,731.40	61.14
December-19	2.95	54,167.86	42,856.12	30,537.17	0.00	12,338.13	139,899.28	56.41
TOTAL	7.55	136,314.13	141,179.86	122,848.93	6,179.86	49,177.45	455,700.23	
							Average:	61.92