

Johnson, Sabrina O

From: Joanne Chamberlain <jchamberlain@pascocountyfl.net>
Sent: Tuesday, April 20, 2021 3:32 PM
To: SWD_Waste
Cc: Justin G. Roessler; Justin G. Grant; 'jason@jmg-eng.com'; Carrie S. Kimble; Timothy J. Treshler; Jeannie L. Burda; Cintia L. Richardson; Deborah Taylor
Subject: Pasco County Leachate Quarterly Report for March 2021, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202103 Mar.pdf

Good afternoon,
Please see attached Pasco County's Leachate report for the quarter ending March 31st, 2021.
Thank you,



Joanne M. Chamberlain
Accountant II, for Solid Waste
Public Infrastructure
Fiscal and Business Administration
Pasco County
P 813-235-6196 X6881
F 813-929-1064
19420 Central Blvd.
Land O'Lakes, FL 34637-7006
jchamberlain@PascoCountyfl.net
www.PascoCountyfl.net

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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2021

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	
Jan-21	0.25	604,485	389.99	258,730	417.31	
Feb-21	2.50	318,836	227.74	383,899	685.53	
Mar-21	1.50	1,078,244	695.64	288,343	465.07	
TOTAL:	4.25	2,001,565		930,972		
		AVERAGE:	444.79		517.21	

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
Jan-21	70g - 0.23g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	199g - 0.32g/a/d	122g - 0.39g/a/d	0g - 0.00g/a/d
Feb-21	100g - 0.36g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	361g - 0.64g/a/d	125g - 0.45g/a/d	0g - 0.00g/a/d
Mar-21	102g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	15g - 0.02g/a/d	166g - 0.54g/a/d	0g - 0.00g/a/d
Quarter:	272g - 0.30g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	575g - 0.32g/a/d	413g - 0.46g/a/d	0g - 0.00g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2021

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
Jan-21	541,995	70	0	0	62,291	199
Feb-21	238,547	100	0	0	79,928	361
Mar-21	935,229	102	0	0	143,000	15
TOTAL:	1,715,771	272	0	0	285,219	575

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Jan-21	258,730	122	0
Feb-21	383,899	125	0
Mar-21	288,343	166	0
TOTAL:	930,972	413	0

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2021

WEST PASCO CLASS III LANDFILL (WACS# 45799)

			Acres: 20
MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Gallons / acres / days Class III
Jan-21	0.25	240,326	387.62
Feb-21	2.5	269,173	480.67
Mar-21	1.25	224,025	361.33
TOTAL:	4.00	733,524	
Average:			407.51

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2021

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
January-21	0.20	24,235.01	54,309.35	55,170.27	0.00	12,124.70	145,839.33	58.81
February-21	2.30	46,458.03	59,676.25	48,541.97	0.00	29,362.10	184,038.35	82.16
March-21	1.21	35,232.61	47,134.28	47,736.21	0.00	29,225.42	159,328.52	64.25
TOTAL	3.71	105,925.65	161,119.88	151,448.45	0.00	70,712.22	489,206.20	
Average:								67.95