

Smith, George

From: Joanne Chamberlain <jchamberlain@pascocountyfl.net>
Sent: Friday, April 15, 2022 4:54 PM
To: SWD_Waste
Cc: Justin G. Roessler; Justin G. Grant; 'jason@jmg-eng.com'; Carrie S. Kimble; Timothy J. Treshler; Jeannie L. Burda; Judith Johnston; Deborah Taylor
Subject: Pasco County Leachate Quarterly Report for March 2022, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202203 Mar.pdf

EXTERNAL MESSAGE

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Good afternoon,
Please see attached Pasco County's Leachate report for the quarter ending March 31st, 2022.
Thank you,



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PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2022

WEST PASCO CLASS I LANDFILL (WACS# 45799)

TOTAL LEACHATE:

MONTH	MEASURED RAINFALL (INCHES)	TOTAL LEACHATE (Gallons)		Gallons / acres / days		Acres:	
		ASH CELLS	ASH	ASH	SW	20	50
Jan-22	2.38	393,993	254.19	338,324	545.68		
Feb-22	0.75	182,184	130.13	275,821	492.54		
Mar-22	3.75	330,882	213.47	452,907	730.50		
TOTAL:	6.88	907,059	201.57	1,067,052	592.81		
AVERAGE:							

SECONDARY LEACHATE and ACTION LEAKAGE RATE (ALR):

ALR Formula = Gallons / Acres / Days (g/a/d)

MONTH	10		20		10	
	CELL A1	CELL A2	CELL A4	CELL SW1	CELL SW2	CELL SW2
Jan-22	130g - 0.42g/a/d	0g - 0.00g/a/d	578g - 0.93g/a/d	466g - 1.50g/a/d	226g - 0.73g/a/d	226g - 0.73g/a/d
Feb-22	68g - 0.24g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	128g - 0.46g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d
Mar-22	131g - 0.42g/a/d	69g - 0.22g/a/d	0g - 0.00g/a/d	128g - 0.41g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d
Quarter:	329g - 0.37g/a/d	69g - 0.08g/a/d	578g - 0.32g/a/d	722g - 0.80g/a/d	226g - 0.25g/a/d	226g - 0.25g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH
 LEACHATE REPORT
 QUARTER ENDING: March 31, 2022

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-22	329,593	130	0	0	63,822	578
Feb-22	152,629	68	0	0	29,555	0
Mar-22	277,205	131	69	0	53,677	0
TOTAL:	759,427	329	69	0	147,054	578

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Jan-22	338,324	466	226
Feb-22	275,821	128	0
Mar-22	452,907	128	0
TOTAL:	1,067,052	722	226

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Gallons / acres / days Class III
Jan-22	2.5	188,735	304.41
Feb-22	0.5	190,967	341.01
Mar-22	3.03	273,421	441.00
TOTAL:	6.03	653,123	
		Average:	362.85

Acres:
20

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EAST PASCO CLASS I LANDFILL (WACS# 45797)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)					TOTAL	Gallons / acres / days East Pasco
		TANK 1	TANK 2	TANK 3	TANK 4	TANK 5		
January-22	2.10	36,817.76	12,191.85	24,520.38	0.00	0.00	73,529.99	29.65
February-22	0.60	35,309.35	12,047.96	30,477.22	0.00	6,129.50	83,964.03	37.48
March-22	3.80	29,858.51	66,935.25	42,606.72	0.00	24,119.90	163,520.38	65.94
TOTAL	6.50	101,985.62	91,175.06	97,604.32	0.00	30,249.40	321,014.40	
							Average:	44.59

Acres
80