

Smith, George

From: Deborah Taylor <dtaylor@pascocountyfl.net>
Sent: Friday, January 13, 2023 3:59 PM
To: SWD_Waste; Madden, Melissa
Cc: Justin G. Roessler; Justin G. Grant; 'jason@jmg-eng.com'; Carrie S. Kimble; Timothy J. Treshler; Jeannie L. Burda; Joanne Chamberlain; Deborah Taylor
Subject: Pasco County Leachate Quarterly Report for December 2022, WACS#s 45799 and 45797
Attachments: Pasco Leachate Data Qtr End 202212-December.pdf

EXTERNAL MESSAGE

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Good afternoon,

Please see the attached Pasco County's Leachate report for the quarter ending December 31st, 2022.

Thank you

Debbie Taylor



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

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
Oct-22	0.00	480,521	310.01	630,896	1017.57
Nov-22	3.50	395,245	263.50	478,464	797.44
Dec-22	3.25	216,108	139.42	124,459	200.74
TOTAL:	6.75	1,091,874		1,233,819	
		AVERAGE:	237.36		670.55

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
Oct-22	100g - 0.32g/a/d	110g - 0.35g/a/d	1g - 0.00g/a/d	1382g - 2.23g/a/d	258g - 0.83g/a/d	0g - 0.00g/a/d
Nov-22	111g - 0.37g/a/d	0g - 0.00g/a/d	196g - 0.65g/a/d	0g - 0.00g/a/d	170g - 0.57g/a/d	189g - 0.63g/a/d
Dec-22	72g - 0.23g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	87g - 0.14g/a/d	126g - 0.41g/a/d	43g - 0.14g/a/d
Quarter:	283g - 0.31g/a/d	110g - 0.12g/a/d	197g - 0.21g/a/d	1469g - 0.80g/a/d	554g - 0.60g/a/d	232g - 0.25g/a/d

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

WEST PASCO CLASS I LANDFILL (WACS# 45799)
 LEACHATE DETAIL: (All units in gallons)

MONTH	CELLS A1, A2, and A3 (Combined)	CELL A1	CELL A2	CELL A3	CELL A4	CELL A4
	PRIMARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE	PRIMARY LEACHATE	SECONDARY LEACHATE
Oct-22	117,200	100	110	1	361,939	1,382
Nov-22	138,708	111	0	196	256,537	0
Dec-22	12,138	72	0	0	203,883	87
TOTAL:	268,046	283	110	197	822,359	1,469

MONTH	CELLS SW1 and SW2 (Combined)	CELL SW1	CELL SW2
	PRIMARY LEACHATE	SECONDARY LEACHATE	SECONDARY LEACHATE
Oct-22	630,896	258	0
Nov-22	478,464	170	189
Dec-22	124,459	126	43
TOTAL:	1,233,819	554	232

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Acres: 20 Gallons / acres / days Class III
Oct-22	0	515,789	831.92
Nov-22	3.75	408,143	680.24
Dec-22	3.25	393,922	635.36
TOTAL:	7.00	1,317,854	
		Average:	716.23

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

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)						TOTAL	Acres 80 Gallons / acres / days East Pasco
		TANK 1	TANK 2	TANK 3	TANK 4	TANK 5			
October-22	0.75	67,623.51	36,671.46	49,134.30	0.00	11,707.44	165,136.71	66.59	
November-22	6.40	48,649.87	24,318.95	18,395.68	5,973.62	6,139.09	103,477.21	43.12	
December-22	3.25	48,292.58	36,083.92	60,306.95	0.00	5,793.77	150,477.22	60.68	
TOTAL	10.40	164,565.96	97,074.33	127,836.93	5,973.62	23,640.30	419,091.14		
							Average:	56.94	