

## Smith, George

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**From:** Joanne Chamberlain <jchamberlain@pascocountyfl.net>  
**Sent:** Thursday, January 20, 2022 3:36 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; Judith Johnston; Joanne Chamberlain  
**Subject:** Pasco County Leachate Quarterly Report for December 2021, WACS#s 45799 and 45797  
**Attachments:** Pasco Leachate Data Qtr End 202112 Dec.pdf

### EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

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



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

WEST PASCO CLASS I LANDFILL (WACS# 45799)

TOTAL LEACHATE:

MONTH	MEASURED RAINFALL (INCHES)	TOTAL LEACHATE (Gallons)		Gallons / acres / days		Acreage:
		ASH CELLS	SW CELLS	ASH	SW	
Oct-21	1.88	605,314	616,171	390.53	993.82	20
Nov-21	4.75	606,829	885,254	404.55	1475.42	
Dec-21	1.25	291,988	463,289	188.38	747.24	1067.78
<b>TOTAL:</b>	<b>7.88</b>	<b>1,504,131</b>	<b>1,964,714</b>	<b>326.99</b>		

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
Oct-21	gallons - ALR 103g - 0.33g/a/d	gallons - ALR 0g - 0.00g/a/d	gallons - ALR 0g - 0.00g/a/d	gallons - ALR 0g - 0.00g/a/d	gallons - ALR 249g - 0.80g/a/d	gallons - ALR 0g - 0.00g/a/d
Nov-21	102g - 0.34g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	322g - 1.07g/a/d	0g - 0.00g/a/d
Dec-21	102g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	178g - 0.57g/a/d	0g - 0.00g/a/d
<b>Quarter:</b>	<b>307g - 0.33g/a/d</b>	<b>0g - 0.00g/a/d</b>	<b>0g - 0.00g/a/d</b>	<b>0g - 0.00g/a/d</b>	<b>749g - 0.81g/a/d</b>	<b>0g - 0.00g/a/d</b>

PASCO COUNTY: UTILITIES SERVICES BRANCH  
 LEACHATE REPORT  
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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
Oct-21	229,311	103	0	0	376,003	0
Nov-21	177,395	102	0	0	429,434	0
Dec-21	117,212	102	0	0	174,776	0
<b>TOTAL:</b>	<b>523,918</b>	<b>307</b>	<b>0</b>	<b>0</b>	<b>980,213</b>	<b>0</b>

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Oct-21	616,171	249	0
Nov-21	885,254	322	0
Dec-21	463,289	178	0
<b>TOTAL:</b>	<b>1,964,714</b>	<b>749</b>	<b>0</b>

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Gallons / acres / days Class III	Acres: 20
Oct-21	1.25	525,848	848.14	
Nov-21	4.5	576,380	960.63	
Dec-21	1.25	276,328	445.69	
<b>TOTAL:</b>	<b>7.00</b>	<b>1,378,556</b>		
		<b>Average:</b>	<b>749.22</b>	

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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		
October-21	4.00	25,292.56	23,625.90	36,088.74	6,170.26	0.00	91,177.46	36.77
November-21	3.11	48,690.65	36,796.17	43,026.38	10,592.32	0.00	139,105.52	57.96
December-21	0.50	42,450.85	18,350.13	23,851.32	0.00	6,086.33	90,738.63	36.59
<b>TOTAL</b>	<b>7.61</b>	<b>116,434.06</b>	<b>78,772.20</b>	<b>102,966.44</b>	<b>16,762.58</b>	<b>6,086.33</b>	<b>321,021.61</b>	<b>43.62</b>
						<b>Average:</b>		