

## Mahoney, Tobey

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**From:** Deborah Taylor <dtaylor@pascocountyfl.net>  
**Sent:** Thursday, October 12, 2023 1:29 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  
**Subject:** RE: Pasco County Leachate Quarterly Report for September 2023, WACS#s 45799 and 45797  
**Attachments:** Pasco Leachate Data Qtr End 202309 Sep.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 the attached Pasco County's Leachate report for the quarter ending September 30, 2023.

Thank you,

*Debbie Taylor*



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PASCO COUNTY: UTILITIES SERVICES BRANCH  
 LEACHATE REPORT  
 QUARTER ENDING: September 30, 2023

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	
Jul-23	4.88	661,662	426.88	274,717	443.09	
Aug-23	10.75	792,069	511.01	436,268	703.66	
Sep-23	7.25	1,067,218	711.48	513,013	855.02	
<b>TOTAL:</b>	22.88	2,520,949		1,223,998		
		<b>AVERAGE:</b>	548.03		665.22	

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
Jul-23	85g - 0.27g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	256g - 0.41g/a/d	864g - 2.79g/a/d	0g - 0.00g/a/d
Aug-23	112g - 0.36g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	561g - 0.90g/a/d	1685g - 5.44g/a/d	0g - 0.00g/a/d
Sep-23	79g - 0.26g/a/d	68g - 0.23g/a/d	0g - 0.00g/a/d	1450g - 2.42g/a/d	1724g - 5.75g/a/d	0g - 0.00g/a/d
<b>Quarter:</b>	276g - 0.30g/a/d	68g - 0.07g/a/d	0g - 0.00g/a/d	2267g - 1.23g/a/d	4273g - 4.64g/a/d	0g - 0.00g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH  
 LEACHATE REPORT  
 QUARTER ENDING: September 30, 2023

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
Jul-23	299,400	85	0	0	362,006	256
Aug-23	391,400	112	0	0	400,108	561
Sep-23	449,400	79	68	0	616,368	1,450
<b>TOTAL:</b>	<b>1,140,200</b>	<b>276</b>	<b>68</b>	<b>0</b>	<b>1,378,482</b>	<b>2,267</b>

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Jul-23	274,717	864	0
Aug-23	436,268	1,685	0
Sep-23	513,013	1,724	0
<b>TOTAL:</b>	<b>1,223,998</b>	<b>4,273</b>	<b>0</b>

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WEST PASCO CLASS III LANDFILL (WACS# 45799)

			Acres: 20
MONTH	MEASURED RAINFALL (INCHES)	LEACHATE (GALLONS)	Gallons / acres / days Class III
Jul-23	4.5	343,677	554.32
Aug-23	9.75	700,642	1130.07
Sep-23	1.25	1,035,944	1726.57
<b>TOTAL:</b>	<b>15.50</b>	<b>2,080,263</b>	
<b>Average:</b>			<b>1130.58</b>

PASCO COUNTY: UTILITIES SERVICES BRANCH  
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 QUARTER ENDING: September 30, 2023

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-23	8.25	47,539.56	67,386.09	49,479.62	0.00	0.00	164,405.27	66.29
August-23	7.75	36,628.30	48,865.71	55,347.73	0.00	0.00	140,841.74	56.79
September-23	3.35	60,635.49	104,407.69	86,354.91	0.00	0.00	251,398.09	104.75
<b>TOTAL</b>	<b>19.35</b>	<b>144,803.35</b>	<b>220,659.49</b>	<b>191,182.26</b>	<b>0.00</b>	<b>0.00</b>	<b>556,645.10</b>	
<b>Average:</b>								<b>75.63</b>