

## Johnson, Sabrina O

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**From:** Joanne Chamberlain <jchamberlain@pascocountyfl.net>  
**Sent:** Thursday, January 14, 2021 12:05 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  
**Subject:** Pasco County Leachate Quarterly Report for September 2020, WACS#s 45799 and 45797  
**Attachments:** Pasco Leachate Data Qtr End 202012 Dec.pdf

Good afternoon,  
Please see attached Pasco County's Leachate report for the quarter ending December 31st, 2020.  
Thank you,



**Joanne M. Chamberlain**

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PASCO COUNTY: UTILITIES SERVICES BRANCH  
 LEACHATE REPORT  
 QUARTER ENDING: December 31, 2020

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-20	2.50	536,014	345.82	690,944	1114.43
Nov-20	5.00	633,354	422.24	884,823	1474.71
Dec-20	2.13	340,432	219.63	406,850	656.21
<b>TOTAL:</b>	9.63	1,509,800		1,982,617	
		<b>AVERAGE:</b>	328.22		1077.51

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-20	101g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	43753g - 70.57g/a/d	235g - 0.76g/a/d	0g - 0.00g/a/d
Nov-20	89g - 0.30g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	4746g - 7.91g/a/d	157g - 0.52g/a/d	0g - 0.00g/a/d
Dec-20	112g - 0.36g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	5943g - 9.59g/a/d	200g - 0.65g/a/d	0g - 0.00g/a/d
<b>Quarter:</b>	302g - 0.33g/a/d	0g - 0.00g/a/d	0g - 0.00g/a/d	54442g - 29.59g/a/d	592g - 0.64g/a/d	0g - 0.00g/a/d

PASCO COUNTY: UTILITIES SERVICES BRANCH  
 LEACHATE REPORT  
 QUARTER ENDING: December 31, 2020

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-20	280,547	101	0	0	211,714	43,753
Nov-20	191,460	89	0	0	437,148	4,746
Dec-20	223,634	112	0	0	110,855	5,943
<b>TOTAL:</b>	<b>695,641</b>	<b>302</b>	<b>0</b>	<b>0</b>	<b>759,717</b>	<b>54,442</b>

MONTH	CELLS SW1 and SW2 (Combined) PRIMARY LEACHATE	CELL SW1 SECONDARY LEACHATE	CELL SW2 SECONDARY LEACHATE
Oct-20	690,944	235	0
Nov-20	884,823	157	0
Dec-20	406,850	200	0
<b>TOTAL:</b>	<b>1,982,617</b>	<b>592</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
Oct-20	2.25	454,017	732.29
Nov-20	5	890,411	1484.02
Dec-20	1.75	376,487	607.24
<b>TOTAL:</b>	<b>9.00</b>	<b>1,720,915</b>	
<b>Average:</b>			935.28

PASCO COUNTY: UTILITIES SERVICES BRANCH  
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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
October-20	0.58	62,577.94	109,685.86	74,827.33	0.00	24,215.83	271,306.96	109.40
November-20	2.87	52,517.99	60,793.76	67,381.31	0.00	18,294.96	198,988.02	82.91
December-20	0.75	42,206.23	72,577.92	73,702.64	0.00	30,004.80	218,491.59	88.10
<b>TOTAL</b>	<b>4.20</b>	<b>157,302.16</b>	<b>243,057.54</b>	<b>215,911.28</b>	<b>0.00</b>	<b>72,515.59</b>	<b>688,786.57</b>	
<b>Average:</b>								93.59