

## Johnson, Sabrina O

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**From:** Justin G. Roessler <jroessler@pascocountyfl.net>  
**Sent:** Friday, May 21, 2021 1:32 PM  
**To:** Morgan, Steve  
**Cc:** Madden, Melissa; Jason Gorrie; Timothy J. Treshler  
**Subject:** Leachate Collection System Cleaning Report  
**Attachments:** Leachate System Cleaning Report.pdf

Steve,

Please see the attached letter outlining the leachate cleaning that has been done on our leachate collection system.  
Thank you,



**Justin G. Roessler, PhD, PE**  
Interim Solid Waste Director  
Solid Waste and Resource Recovery  
Department  
Pasco County  
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14230 Hays Rd.  
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CUSA18A7



Date: May 20, 2021

Mr. Steven Morgan  
Air and Solid Waste Permitting Manager  
Florida Department of Environmental Protection  
Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

Re: Pasco County Resource Recovery Facility – WACS-45799  
May 2021 Report – Leachate Collection and Removal System Sufficiency Evaluation

Dear Mr. Morgan,

The Pasco County Resource Recovery Facility, per its Conditions of Certification, is required to provide the Florida Department of Environmental Protection (FDEP) with an evaluation of the effectiveness of the Leachate Collection and Removal System (LCS) for its Class I Landfill. Since 2020 the Pasco County Solid Waste Department has implemented an annual preventative LCS maintenance program to ensure that leachate is being effectively collected and removed in accordance with its FDEP-approved Operations Plan. Please find as attachments the results of LCS cleaning and maintenance for all Class I Landfill. The attached documents detail the date of maintenance, leachate lines cleaned, methods employed, and condition of lines after maintenance.

Should you have any questions or require additional information, please do not hesitate to contact me by email at [jroessler@pascocountyfl.net](mailto:jroessler@pascocountyfl.net) or phone at (727) 857-2780.

Sincerely,

Justin Roessler, PhD, P.E.,  
Solid Waste Interim Director

JGR/fdep

Cc: Tim Treshler, Sr. Project Manager, Solid Waste Department

**SOLID WASTE & RESOURCE RECOVERY DEPARTMENT**

727.857.2780 | 14230 Hays Road | Spring Hill, FL 34610

## **FLORIDA JETCLEAN**

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FLORIDAJETCLEAN@YAHOO.COM

# **Pasco County Solid Waste West Landfill – Cell SW-2 Leachate Collection Pipe Jetcleaning**

## **Work Performed May 2021**

Conducted By:  
**Florida Jetclean**  
**800-226-8013**

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### REPORT

DATE : 5/10/2021  
TO : Timothy Treshler – Pasco County Solid Waste Management  
FROM : Ralph Calistri (floridajetclean@yahoo.com)  
SUBJECT : 2021 West Pasco County Landfill – Cell SW-2 - Pipe Jetcleaning Project

Florida Jetclean completed the high-pressure water-jetting of the SW2 leachate collection piping at the above landfill on 5/10/2021. The jetting log (below) documents the pipes that were addressed, as well as the jetting distances that were achieved in each pipe.

#### CELL SW-2 (8" HDPE)

NE Lateral Cleanout	1,000'	Entire Pipe Cleaned Through Overlap
SE Lateral Cleanout	1,000'	Entire Pipe Cleaned Through Overlap
NE Header Cleanout	375'	Entire Pipe Cleaned
SE Header Cleanout	375'	Entire Pipe Cleaned
NW Lateral Cleanout	1,000'	Entire Pipe Cleaned Through Overlap
SW Lateral Cleanout	1,000'	Entire Pipe Cleaned Through Overlap

Please call us with questions or concerns.

Thank you,



Ralph Calistri - Florida Jetclean - 800-226-8013



May 12, 2021

Tim Treshler  
Pasco County  
14230 Hays Rd.,  
Spring Hill, FL 34610

Re: Report for Chemical Cleaning in Leachate Collection System  
at Pasco County Landfill.

Dear Mr. Treshler:

Attached is the Report on completed chemical cleaning work on the leachate collection system (LCS) piping and Headers in Cells A-1, A-2, A-3 and SW-1 over the last two years.

Completed chemical cleaning was achieved by flushing all the pipes with the chemical solution until chemical activity was measured at the end point of each piping system. When this occurs scale has been dissolved in the pipe and in the area of the gravel pack around each perforated pipe.

We appreciate the opportunity to work with Pasco County and help with keeping the systems open and operating as originally designed. Please let us know if you have any questions or if we can help in any other way.

Best regards,

A handwritten signature in dark ink, appearing to read "S. Steven Carl", written in a cursive style.

S. Steven Carl, President

Cc: Dr. Justin Proessler  
Travis Carl  
Dale Hall  
Linda Lewis

<b>Cell A-1 (6" HDPE Primary)</b>	<b>Date Cleaned</b>	<b>Condition After Cleaning</b>
Lateral 1 (furthest East)	21-Apr	Clear
Lateral 2	21-Apr	Clear
Lateral 3	21-Apr	Clear
Lateral 4	21-Apr	Clear
Lateral 5	21-Apr	Clear
Lateral 6	21-Apr	Clear
Lateral 7	21-Apr	Clear
Lateral 8	21-Apr	Clear
Lateral 9	21-Apr	Clear
Lateral 10	21-Apr	Clear
Header to Lift Station (12")	21-Apr	Clear

<b>Cell A-2 (6" HDPE Primary)</b>	<b>Date Cleaned</b>	<b>Condition After Cleaning</b>
Lateral 10 (furthest West)	20-May	Clear
Header to Lift Station (12")	20-May	Clear

<b>Cell A-3 (6" HDPE Primary)</b>	<b>Date Cleaned</b>	<b>Condition After Cleaning</b>
North Lateral	20-May	Clear
South Lateral	20-May	Clear
Header to Lift Station (12")	20-May	Clear
FM to Leachate Tank (12")	20-May	Clear

<b>Cell SW-1 (6" HDPE Primary)</b>	<b>Date Cleaned</b>	<b>Condition After Cleaning</b>
Lateral 1 (furthest East)	21-Apr	Clear
Lateral 2	21-Apr	Clear
Lateral 3	21-Apr	Clear
Lateral 4	21-Apr	Clear
Lateral 5	21-Apr	Clear
Lateral 6	21-Apr	Clear
Lateral 7	21-Apr	Clear
Lateral 8	21-Apr	Clear
Lateral 9	21-Apr	Clear
Lateral 10	21-Apr	Clear
Header to Lift Station (12")	21-Apr	Clear