

## Johnson, Sabrina O

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**From:** Joshua L. Younce <Joshua.Younce@citrusbocc.com>  
**Sent:** Wednesday, June 2, 2021 9:06 AM  
**To:** SWD\_Waste; Morgan, Steve; Black, Alexis  
**Cc:** Henry C. Norris; Dan S. Sherlock  
**Subject:** Leachate Tank Inspection Report  
**Attachments:** 2021 Leachate Tanks Inspection Report.pdf

Dear Mr. Morgan:

Attached you'll find the 3 year Leachate Tank Inspection Report for the Citrus County Central Landfill.

Should you have any questions regarding this matter, feel free to contact me.

Regards,

*Joshua Younce*

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Citrus County Solid Waste Management Division  
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June 1, 2021

Mr. Steve Morgan, Environmental Engineer  
Department of Environmental Protection  
Solid Waste Section  
13051 North Telecom Pkwy.  
Temple Terrace, FL 33637

RE: Citrus County Central Landfill (WACS ID# 39859)

Dear Mr. Morgan:

Citrus County recently performed the three-year Leachate Storage Tanks Cleaning and Inspection. This included draining each tank, removing all accumulated grit, disposing of the grit in the landfill, and cleaning each tank. While each of the tanks were drained and after cleaning, the North and South Tank were both inspected for any current concern areas or potential problems.

## **Tank inspection**

The leachate storage tanks are each 125,000-gallon, cast-in-place concrete tanks, and they were originally constructed in 1996. The last inspection was submitted in December of 2018, so this letter constitutes the update for the three-year inspection requirement. As a precautionary measure, the tanks are inspected in the daily operator log each day by an operator.

The photos below show the tanks in their current conditions. After cleaning and grit removal of the tanks, inspection showed no structural deficiencies. A few small blisters in the sidewall of the South tank were found above the normal leachate level but were noted to be of no immediate concern. It was determined that the blisters will be monitored closely for any changes, but that they would be repaired in a re-coating in the future.

Photo 1: North Leachate Tank after the cleaning and removal of grit.

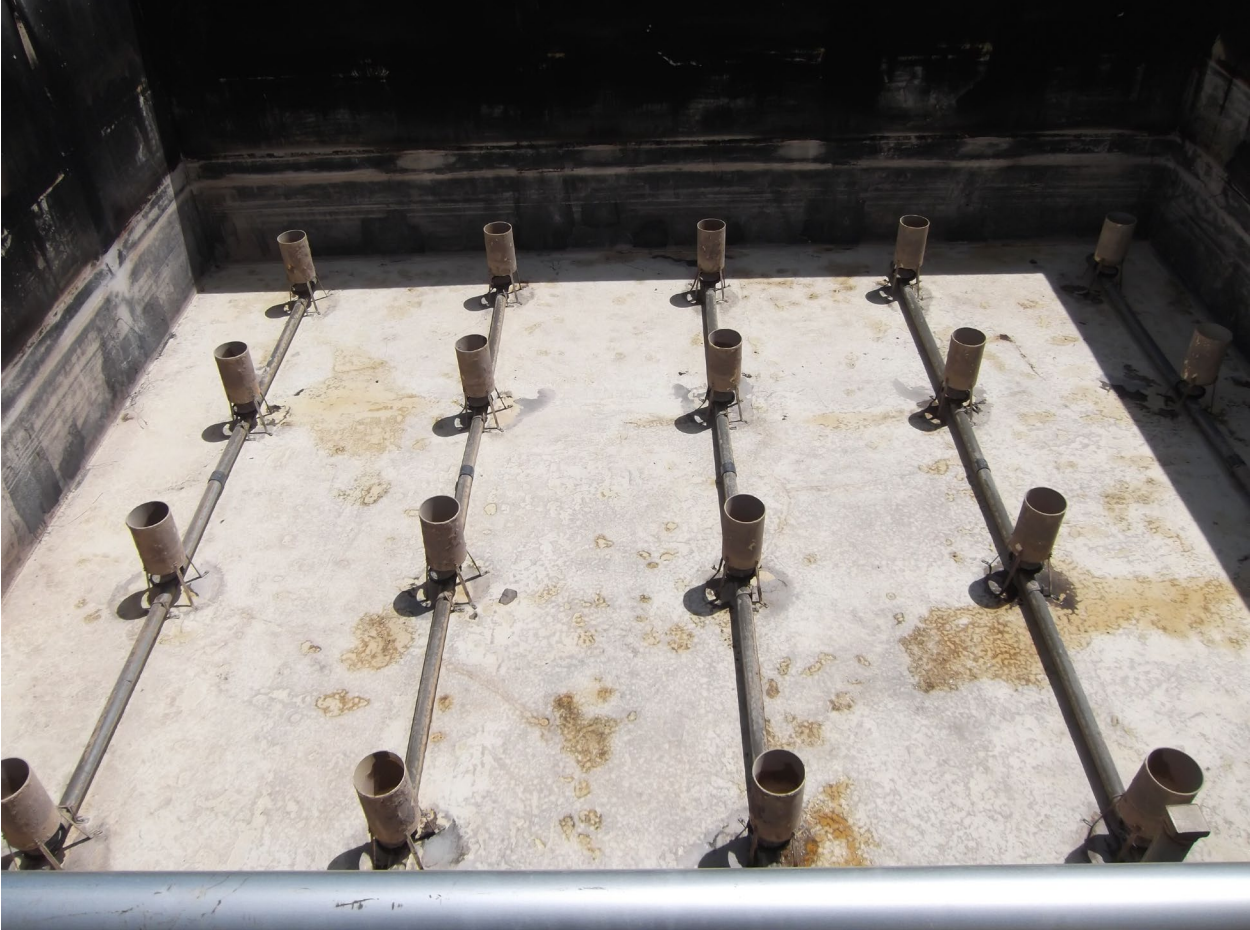


Photo 2: North Leachate Tank filled, and all diffusers are working as designed.

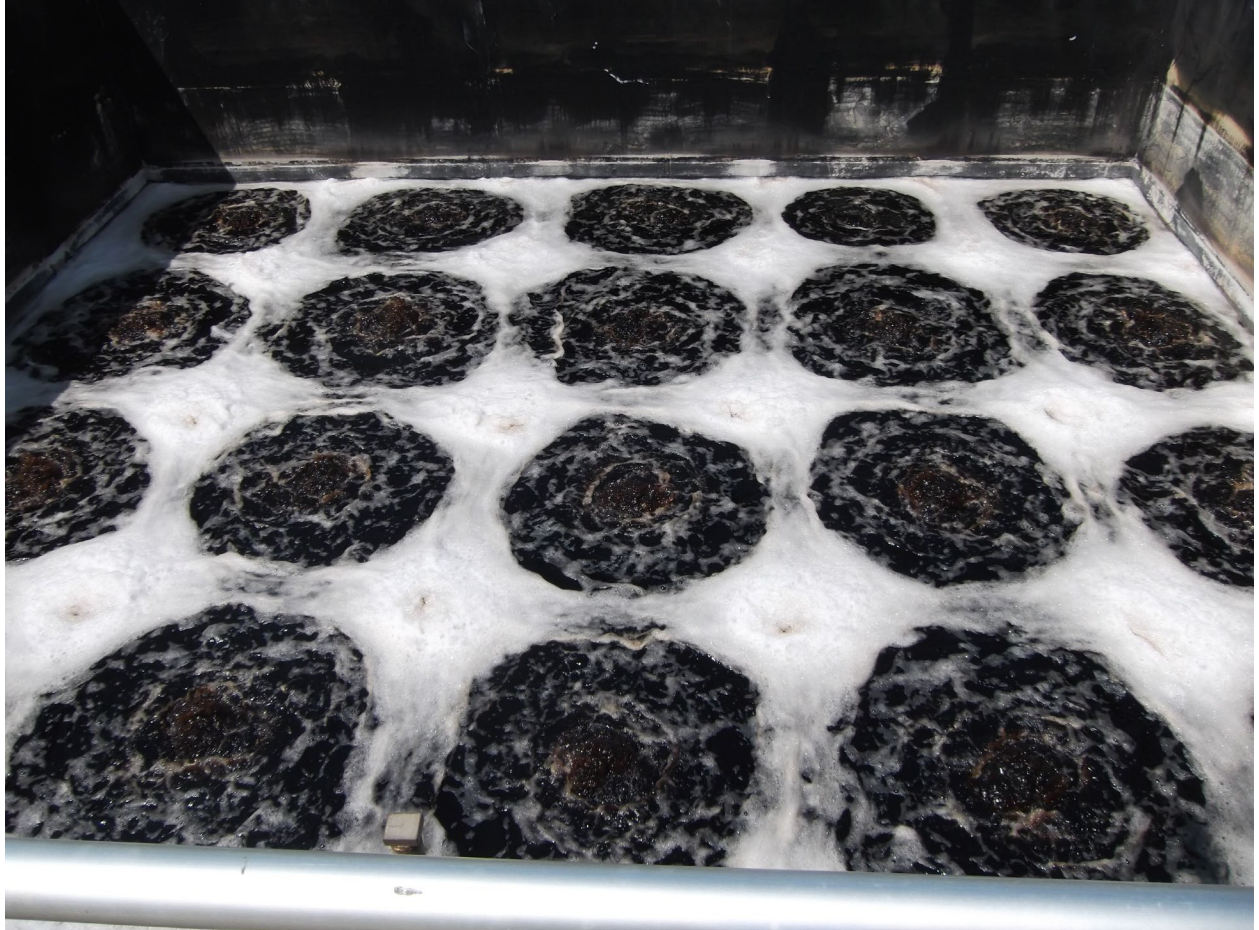


Photo 3: South Leachate Tank after the cleaning and removal of grit.



Photo 4: South Leachate Tank filled, and all diffusers are working designed.



Photo 5: Exterior of the tanks.



## Conclusions

No potential issues were identified with the structural integrity of the tanks. There were a few small blisters in the interior coating above the normal leachate level line that do not pose a problem in the containment of leachate. Citrus County is planning for a future re-coating of the interior walls at a later date that has yet to be determined.

Citrus County Utilities and the Solid Waste Departments will continue with regular maintenance and inspections of the Leachate Storage Tanks in order to continue to provide proper storage and environmentally sound handling of the leachate. The next leachate storage tank inspection report will be due to FDEP in October 2024.

Sincerely,

A handwritten signature in blue ink, appearing to read "Henry C. Norris Jr.", is written over a horizontal line.

Henry C. Norris Jr.

Solid Waste Management Director