

Johnson, Sabrina O

From: Black, Alexis
Sent: Friday, March 29, 2019 5:05 PM
To: SWD_Waste
Subject: FW: Enterprise CLIII Airspace and Lifespan Estimate
Attachments: Enterprise CLIII MAR 2019 Airspace and Lifespan Report to FDEP.pdf



Alexis Black

Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District

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Please consider the environment before printing this email.

From: John Arnold <john.phillip.arnold@gmail.com>
Sent: Friday, March 29, 2019 2:12 PM
To: Black, Alexis <Alexis.Black@FloridaDEP.gov>
Subject: Enterprise CLIII Airspace and Lifespan Estimate

The report is attached. Please let me know if you have any questions, or if you need any additional information.

Thanks,

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John Arnold, P.E.
Ph. (813) 477-1719

John P. Arnold, P.E.

1530 McDuff AVE S, Jacksonville, FL 32205 • Telephone (813) 477-1719 • arnoldjohnp@gmail.com

March 29, 2019

Ms. Alexis Black
Environmental Specialist - Compliance Assurance Program
Florida Department of Environmental Protection - Southwest District
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926

RE: Angelo's Recycled Materials
WACS ID: 87895
Enterprise Class III Landfill, Permit No.: 177982-007-SO/T3
Annual Estimate of Remaining Life and Capacity for Landfill - 2019

Dear Ms. Black,

This letter report is being submitted to the Department to satisfy the requirements of Rule 62-701.500(13)(c), F.A.C.:

Maintain an annual estimate of the remaining life and capacity in cubic yards of the existing, constructed landfill and an annual estimate of the life and capacity in cubic yards of other permitted areas not yet constructed. The estimate shall be made and reported annually to the Department.

To date Cells 1, 2, 3, 4, 5, 6, 7, 15 and 16 have been certified for use by the Department and collectively are accepting Class III materials. Please be aware that the cell naming sequence at the facility has changed over time, which is why there are no landfill cells "8-14".

The quantity of Class III materials landfilled at the facility, as reported in the 2018 Annual Solid Waste Quantity Report, was 568,223 tons. Using an in-place compacted density of 1,500 lb/cy, approximately 757,630 cy of airspace was consumed in 2018.

The landfill airspace of the permitted cells at the beginning of 2018 (as reported in the May 1, 2018 Annual Solid Waste Quantity Report; topographic mapping performed by Locklear and Associates, Inc. dated March 28, 2018) was listed as 809,141 cy. Adding an additional 320,000 cy for Cell 16 (which became operational in 2018) brings the total available airspace to 1,129,141 cy.

The remaining airspace of the operating landfill at the beginning of 2019 is estimated to be 372,511 cy (1,129,141 cy less 756,630 cy), or approximately 279,383 tons. Assuming the facility receives 570,000 tons of materials annually for 2019, the lifespan of the currently permitted airspace is estimated to be 6 months. This estimate does not include airspace that is anticipated to be permitted with the approval of Cell 17, which also

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includes a vertical expansion over the existing, operational cells.

If you have any questions, please feel free to call me at (813) 477-1719.

Sincerely,

A handwritten signature in black ink that reads "John Arnold". The signature is written in a cursive style with a large initial "J" and "A".

John P. Arnold, P.E.

xc: SWD_Waste@dep.state.fl.us
Dominic Iafrate, Angelo's Recycled Materials