

Johnson, Sabrina O

From: John Arnold <john.phillip.arnold@gmail.com>
Sent: Monday, February 28, 2022 5:10 PM
To: SWD_Waste; Morgan, Steve; Madden, Melissa
Cc: Glen Bleau
Subject: Enterprise Road CLIII Landfill Airspace and Lifespan Estimate Report 2022 WACS 87895
Attachments: Enterprise CLIII MAR 2022 Annual Report on Airspace and Lifespan to FDEP submittal.pdf

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

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John Arnold, P.E.
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Jacksonville, FL 32205
Ph. (813) 477-1719
Arnoldjohnp@gmail.com

Arnold Engineering Consulting, LLC

February 28, 2022

Mr. Steve Morgan
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.: 177982-028-SO/T3
Annual Topographic Survey and Estimate of Remaining Landfill Airspace and Lifespan - 2022

Dear Mr. Morgan,

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

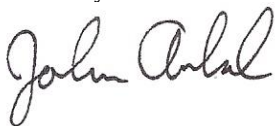
Maintain an annual estimate of the remaining life and capacity in cubic yards of the existing, constructed landfill and an annual estimate of the life and capacity in cubic yards of other permitted areas not yet constructed. The estimate shall be made and reported annually to the Department.

The available airspace in Cells 1, 2, 3, 4, 5, 6, 7, 15, 16 and 17 (up to a permitted top of waste elevation of 295' NGVD) was computed in CAD using the aerial topographic survey performed by Cooper Aerial Surveys on February 2, 2022 (attached Figure 1). The available airspace was computed to be 6,153,000 cubic yards (attached Figures 2). 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 2021 Annual Solid Waste Quantity FDEP Report, was 755,136 tons (report attached). If the facility continues to receive 755,136 tons of materials on an annual basis, the lifespan of the permitted landfill airspace is estimated to be 67 months (assuming an in-place compacted Class III waste density of 1,369 lb/cy).

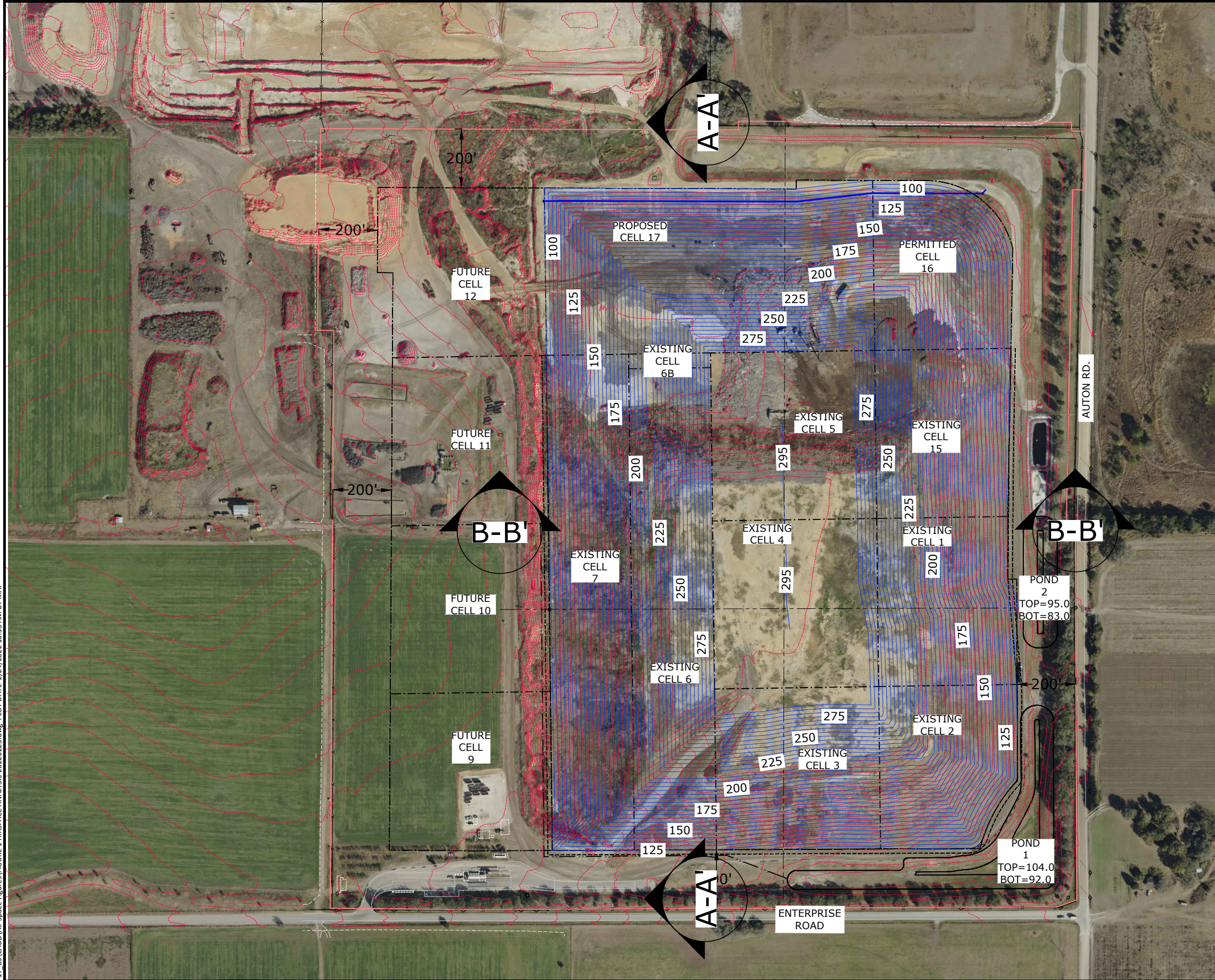
If you have any questions or need any additional information, please feel free to call me at (813) 477-1719.

Sincerely,



John P. Arnold, P.E.

xc: SWD_Waste@dep.state.fl.us
Dominic Iafrate, Angelo's Recycled Materials
Glen Bleau, Angelo's Recycled Materials
Melissa Madden, FDEP Southwest District



NOTES:

1. PROPERTY BOUNDARY SURVEY CONDUCTED BY SIMMONS & BEALL, INC. DATED 3-30-2001, PROVIDED BY ANGELO'S AGGREGATE MATERIALS.
2. CLASS III LANDFILL PERMITTED AND FUTURE CELL LAYOUT PER NOVEMBER 2006 ANGELO'S RECYCLED MATERIALS ENTERPRISE RECYCLING & DISPOSAL FACILITY (AS AMENDED FEBRUARY 2008 AND JANUARY 2010 BY JONES EDMUNDS, AS AMENDED MARCH 2013 BY KELNER ENGINEERING AND 2015 AND 2019 BY LOCKLEAR & ASSOCIATES).
3. AERIAL IS BEING PROVIDED AS A COMPONENT OF THE TOPOGRAPHIC SURVEY BY COOPER AERIAL SURVEYS CO., DATED 02/02/22.
4. SPECIFIC PURPOSE SURVEY CONDUCTED BY COOPER AERIAL SURVEYS CO., DATED 02/02/22.
5. FDEP APPROVED CLOSURE TOP OF WASTE PER 02/07/21 LOCKLEAR & ASSOCIATES PLAN SET.

C:\Cw\3D Projects\02000-217-17_03\CADD\Airs Space Figures\FIGURE 1-AIRSPACE ANALYSIS-20220223.dwg PLOT DATE: 2/24/2022 10:33 AM BY: NAF



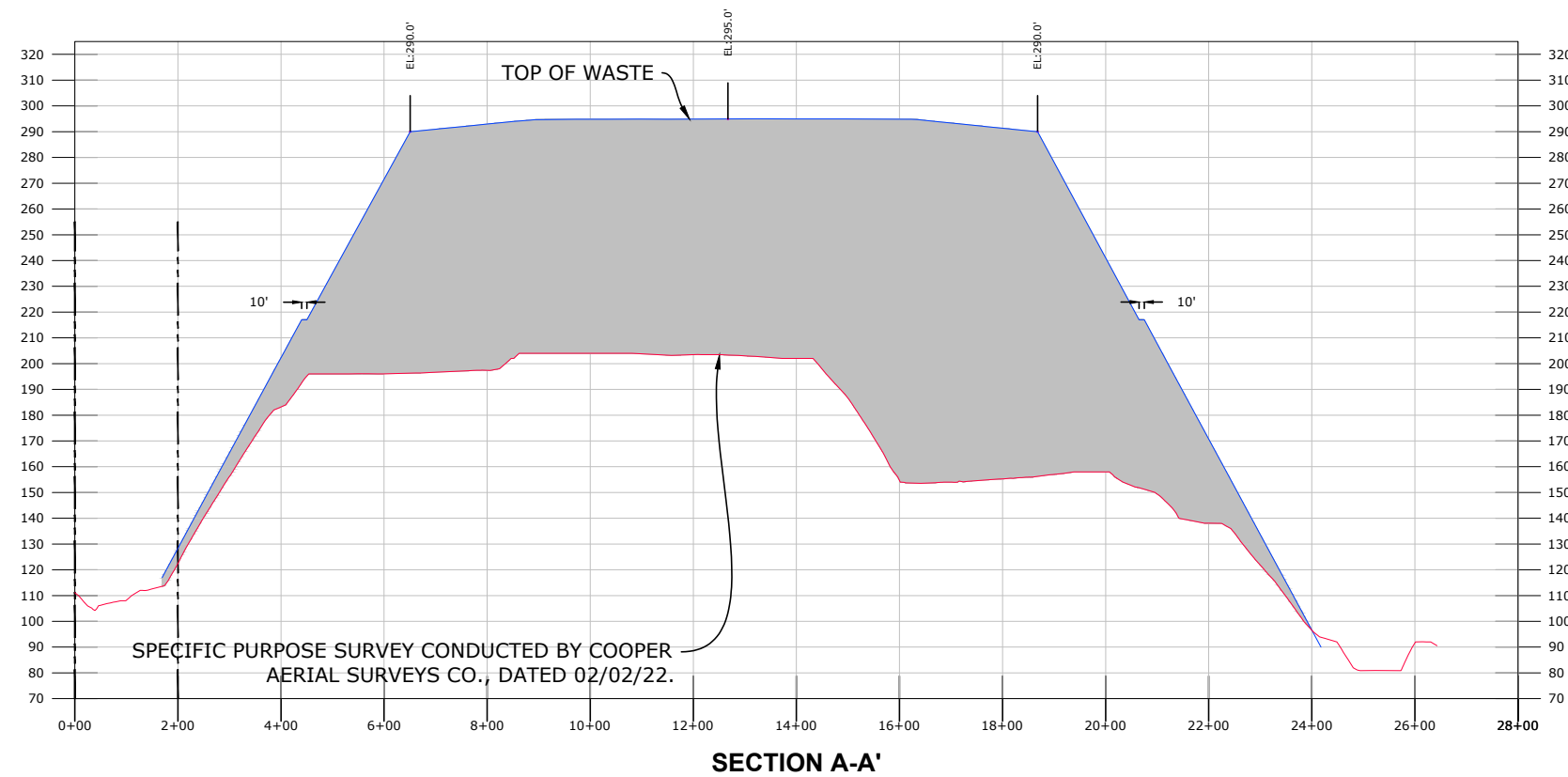
PROJECT:
AIRSPACE CALCULATION
ENTERPRISE ROAD CLASS III
RECYCLING & DISPOSAL FACILITY
DADE CITY, PASCO COUNTY, FLORIDA

SHEET TITLE:
AIRSPACE PLAN BETWEEN:
EXISTING SURFACE: TOPO SURVEY: DATED 02/02/22
PROPOSED SURFACE: FDEP APPROVED CLOSURE TOP OF WASTE

PROJECT NUMBER: 02000-217-17
SCALE: 1" = 350'
FIGURE NO. 1

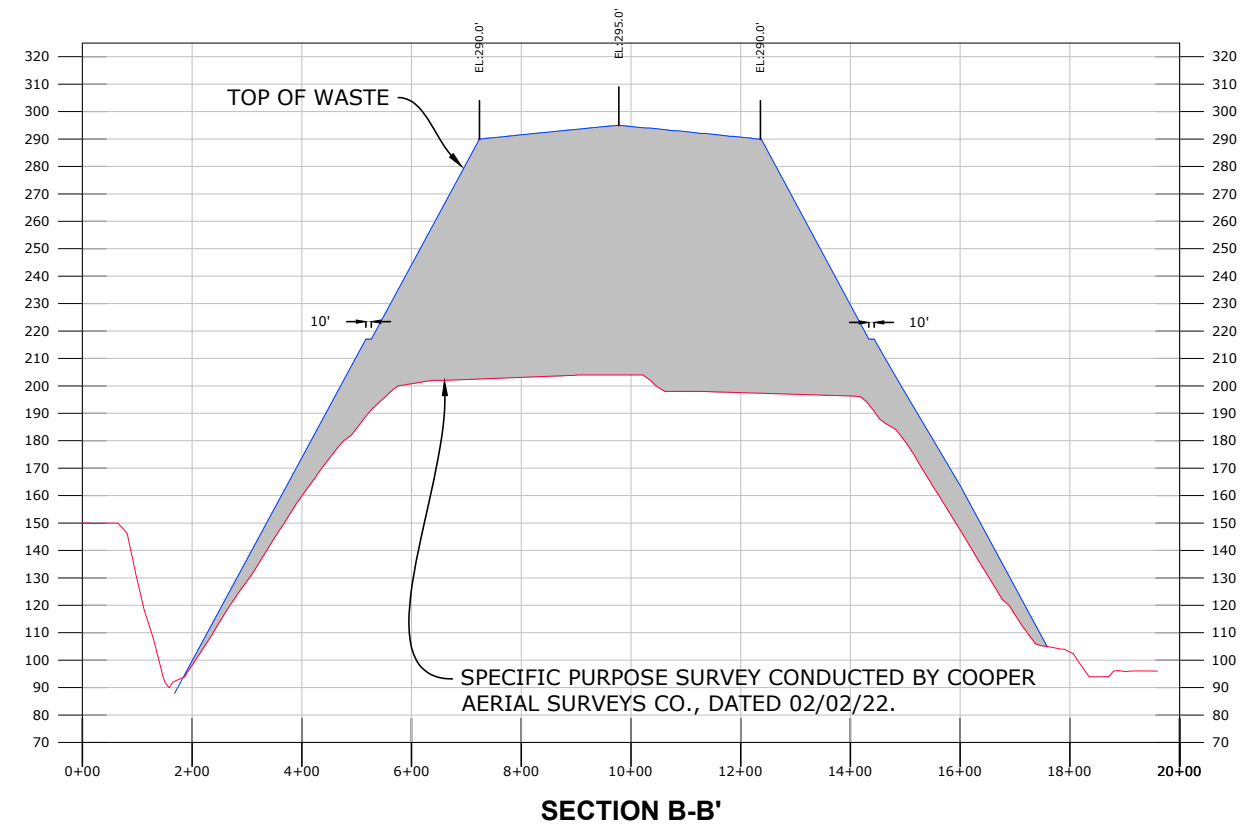


C:\Cvii\3D Projects\02000-217-17_03\CA00\Air Space Figures\FIGURE 1-AIRSPACE ANALYSIS-20220223.dwg PLOT DATE 2/24/2022 10:34 AM BY NAF



PROFILE SCALES:

HORIZONTAL: 1" = 350'
VERTICAL: 1" = 5'



AIR SPACE - Cut/Fill Summary

Name	Cut Factor	Fill Factor	Net
VOLUME	1.000	1.000	6,152,865.21 Cu. Yd.<AIR SPACE>



PROJECT:
AIRSPACE CALCULATION
ENTERPRISE ROAD CLASS III
RECYCLING & DISPOSAL FACILITY
DADE CITY, PASCO COUNTY, FLORIDA

SHEET TITLE:
AIRSPACE PLAN BETWEEN:
EXISTING SURFACE: TOPO SURVEY: DATED 02/02/22
PROPOSED SURFACE: FDEP APPROVED CLOSURE TOP OF WASTE

PROJECT NUMBER: 02000-217-17
SCALE: 1" = 350'

FIGURE NO. 2



**FLORIDA DEPARTMENT OF
Environmental Protection**

Ron DeSantis
Governor

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Electronic Submission Receipt

Solid Waste Quantity Report

Thank you for submitting a Solid Waste Quantity Report for the facility ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) with WACS ID 87895.

You have submitted your Solid Waste Quantity Report as required by Rule 62-701.500 F.A.C. which implements the requirements of the Florida Solid Waste Management Act, § 403.702-.7193 and 403.75-.769, Florida Statutes.

A copy of the report has been attached for your records. Should additional information be required, you will be contacted.

If you have any questions regarding your submission, please contact the Solid Waste Program Coordinator with the Solid Waste Program Office at (850) 245-8707 or send e-mail to SWPP@dep.state.fl.us.



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Electronic Submission

Solid Waste Quantity Report

You have submitted your Solid Waste Quantity Report as required by Rule 62-701.500 F.A.C. which implements the requirements of the Florida Solid Waste Management Act, § 403.702-.7193 and 403.75-.769, Florida Statutes.

Below is a copy of the information you submitted for your records.

Facility Information

Facility ID: 87895
Facility or Business Name: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
Address Line 1: 41111 ENTERPRISE ROAD
Address Line 2:
City/State/Zip Code: Dade City, FL 33525 0
County: Pasco

Mailing Address

Company Name: ANGELO'S RECYCLED MATERIALS
Address Line 1: 41111 ENTERPRISE ROAD
Address Line 2:
City/State/Zip Code: DADE CITY, FL 33525 0

Site Supervisor

Name: Agustin Moreno
Phone Number: (727) 242-0291
Extension:
E-mail Address: amoreno@angelosrm.com

If you have any questions or concerns about the information contained in this report, please contact the Solid Waste Program Coordinator in the Solid Waste Program Office at (850) 245-8707 or send e-mail to SWPP@dep.state.fl.us.

Annual Report Summary

(all values in tons)

Facility Type	Class I Waste	Class III Waste	Ash Residue	Other Wastes
Class III Landfill	0.0	755136.0	0.0	0.0

County of Origin: CITRUS

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	35.00	0.00	0.00
2/2021	0.00	35.00	0.00	0.00
3/2021	0.00	35.00	0.00	0.00
4/2021	0.00	35.00	0.00	0.00
5/2021	0.00	35.00	0.00	0.00
6/2021	0.00	35.00	0.00	0.00
7/2021	0.00	35.00	0.00	0.00
8/2021	0.00	35.00	0.00	0.00
9/2021	0.00	35.00	0.00	0.00
10/2021	0.00	35.00	0.00	0.00
11/2021	0.00	35.00	0.00	0.00
12/2021	0.00	35.00	0.00	0.00
Total	0.00	420.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

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County of Origin: HERNANDO

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	39.00	0.00	0.00
2/2021	0.00	39.00	0.00	0.00
3/2021	0.00	39.00	0.00	0.00
4/2021	0.00	39.00	0.00	0.00
5/2021	0.00	39.00	0.00	0.00
6/2021	0.00	39.00	0.00	0.00
7/2021	0.00	39.00	0.00	0.00

8/2021	0.00	39.00	0.00	0.00
9/2021	0.00	39.00	0.00	0.00
10/2021	0.00	39.00	0.00	0.00
11/2021	0.00	39.00	0.00	0.00
12/2021	0.00	39.00	0.00	0.00
Total	0.00	468.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

County of Origin: HILLSBOROUGH

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	32726.00	0.00	0.00
2/2021	0.00	32726.00	0.00	0.00
3/2021	0.00	32726.00	0.00	0.00
4/2021	0.00	32726.00	0.00	0.00
5/2021	0.00	32726.00	0.00	0.00
6/2021	0.00	32726.00	0.00	0.00
7/2021	0.00	32726.00	0.00	0.00
8/2021	0.00	32726.00	0.00	0.00
9/2021	0.00	32726.00	0.00	0.00
10/2021	0.00	32726.00	0.00	0.00
11/2021	0.00	32726.00	0.00	0.00
12/2021	0.00	32726.00	0.00	0.00
Total	0.00	392712.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

County of Origin: PASCO

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	16546.00	0.00	0.00
2/2021	0.00	16546.00	0.00	0.00
3/2021	0.00	16546.00	0.00	0.00
4/2021	0.00	16546.00	0.00	0.00
5/2021	0.00	16546.00	0.00	0.00
6/2021	0.00	16546.00	0.00	0.00

7/2021	0.00	16546.00	0.00	0.00
8/2021	0.00	16546.00	0.00	0.00
9/2021	0.00	16546.00	0.00	0.00
10/2021	0.00	16546.00	0.00	0.00
11/2021	0.00	16546.00	0.00	0.00
12/2021	0.00	16546.00	0.00	0.00
Total	0.00	198552.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

County of Origin: PINELLAS

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	10254.00	0.00	0.00
2/2021	0.00	10254.00	0.00	0.00
3/2021	0.00	10254.00	0.00	0.00
4/2021	0.00	10254.00	0.00	0.00
5/2021	0.00	10254.00	0.00	0.00
6/2021	0.00	10254.00	0.00	0.00
7/2021	0.00	10254.00	0.00	0.00
8/2021	0.00	10254.00	0.00	0.00
9/2021	0.00	10254.00	0.00	0.00
10/2021	0.00	10254.00	0.00	0.00
11/2021	0.00	10254.00	0.00	0.00
12/2021	0.00	10254.00	0.00	0.00
Total	0.00	123048.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

County of Origin: POLK

Class III Report Information (all values in tons)

Month/Year	Class I Waste	Class III Waste	Ash Residue	Other Wastes
1/2021	0.00	3328.00	0.00	0.00
2/2021	0.00	3328.00	0.00	0.00
3/2021	0.00	3328.00	0.00	0.00
4/2021	0.00	3328.00	0.00	0.00
5/2021	0.00	3328.00	0.00	0.00

6/2021	0.00	3328.00	0.00	0.00
7/2021	0.00	3328.00	0.00	0.00
8/2021	0.00	3328.00	0.00	0.00
9/2021	0.00	3328.00	0.00	0.00
10/2021	0.00	3328.00	0.00	0.00
11/2021	0.00	3328.00	0.00	0.00
12/2021	0.00	3328.00	0.00	0.00
Total	0.00	39936.00	0.00	0.00

Additional information describing the **Other Waste** disposed of:

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Report Submitted By

Name: John Arnold
Phone Number: (352) 339-1408
Extension:
E-mail Address: John.Phillip.Arnold@gmail.com

All information submitted was certified true, accurate, and correct to the best of the knowledge of the person whose name appears above.