



Interoffice Memorandum


JUN22'20AM9:33

June 22, 2020

RCUD

TO: Katie Smith, Manager  
Comptroller Clerk's Office

THROUGH: Cheryl Gillespie, Agenda Development Supervisor  
Agenda Development

FROM: David D. Jones, P.E., CEP, Manager  
Environmental Protection Division  
(407) 836-1405 

**STAFF PERSON: Arnaldo Mercado, Environmental Programs Administrator  
Environmental Protection Division  
407-836-1410**

SUBJECT: Request for Public Hearing on August 11, 2020, at 2:00 p.m., for a Solid Waste Management Facility Permit Application (SW-19-06-001) for a Materials Recovery Facility and Transfer Station located at 500 West Landstreet Road, Orlando, Florida, Parcel ID No. 02-24-29-8220-00-070, 02-24-29-8220-00-290, and 02-24-29-7268-00-071, District 4

**NOTE: Schedule this public hearing concurrently with hearing for Special Exception SE-19-07-068**

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Applicant: Angelo's Aggregate Materials Ltd.

Type of hearing: Solid Waste Management Facility Permit Application for a Materials Recovery Facility and Transfer Station for Construction and Demolition Debris

Hearing required by Florida Statute # or Code: Chapter 32, Article V, Solid Waste Management Ordinance, Section 32-214(j)

Advertising requirements: Publish once in a newspaper of general circulation in Orange County at least (15) fifteen days prior to public hearing.

Advertising timeframes: At least (15) fifteen days prior to public hearing.

LEGISLATIVE FILE # 20-892

August 11, 2020  
@ 2pm

June 22, 2020

Request for Public Hearing – Angelo's Aggregate Materials Ltd. - Solid Waste Management Facility Permit Application

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Notification requirements: Notification of abutters is not required.

Estimated time required for public hearing: 2 minutes

Municipality or other Public Agency to be notified: N/A

Hearing controversial: Yes

District #: 4

Materials being submitted as backup for public hearing request:

1. Location Map
2. Site Plan
3. Application Form

Special Instructions to Clerk:

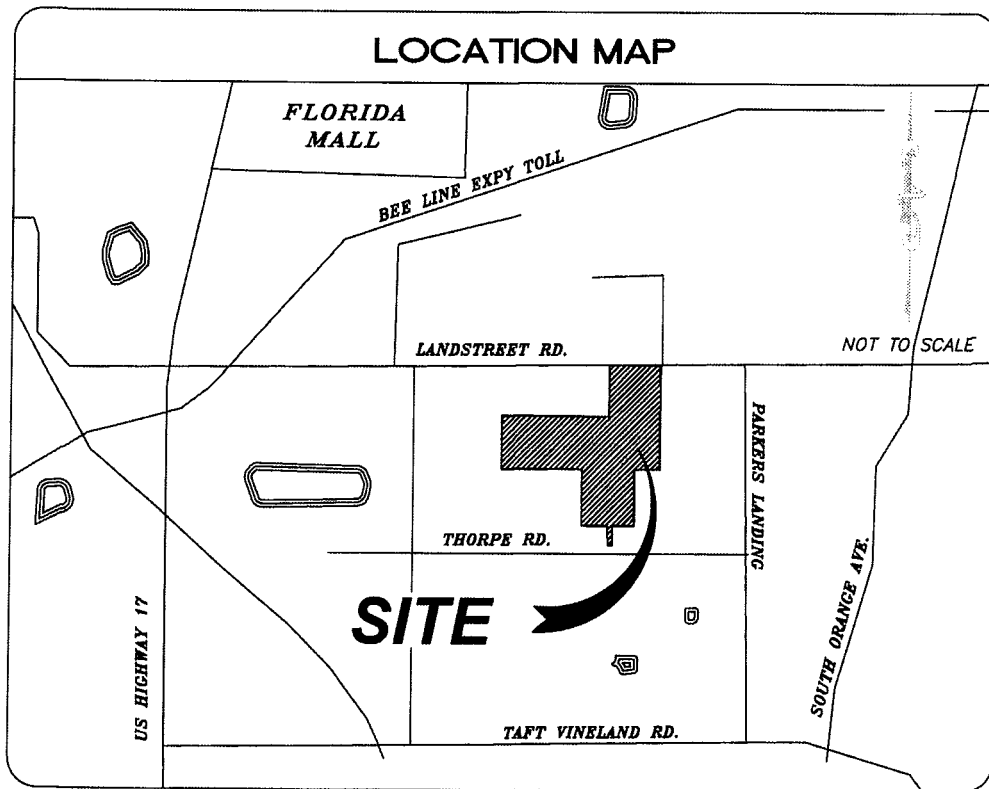
1. Once the Board of County Commissioners makes a decision on the Solid Waste Management Facility Permit Application, please submit the decision letter to Michelle Gonzalez of EPD. EPD will issue the decision to the applicant.
2. Supporting documentation and property legal description on file at EPD office.

Advertising Language:

Applicant: Angelo's Aggregate Materials Ltd. Consideration: Request for a Solid Waste Management Facility permit to construct, operate, and close as necessary, a Materials Recovery Facility and Transfer Station pursuant to Chapter 32, Article V, Section 32-214(j). Location: District 4; located at 500 West Landstreet Road, Orlando, Orange County, Florida, Parcel ID No. 02-24-29-8220-00-070, 02-24-29-8220-00-290, and 02-24-29-7268-00-071 (property legal description on file at Environmental Protection Division).

DB/AM/RP/DDJ: mg

Attachments



SECTION 02, TOWNSHIP 24 SOUTH, RANGE 29 EAST

**Advantage**

ADVANTAGE ENGINEERING INC  
 2841 LANTANA LOOP #102  
 WEST PALM BEACH, FLORIDA 33411  
 PHONE 561-837-1844  
 FAX 561-837-1848



CLIENT  
**ANGELO'S RECYCLED MATERIALS**  
 4111 ENTERPRISE PLAC  
 BASE CITY, FLORIDA 32822  
 PHONE 919-283-8284

**ANGELO'S RECYCLING MATERIAL STORAGE**  
 500 WEST LAND STREET  
 ORANGE COUNTY, FLORIDA

DESIGNER  
 [Signature]

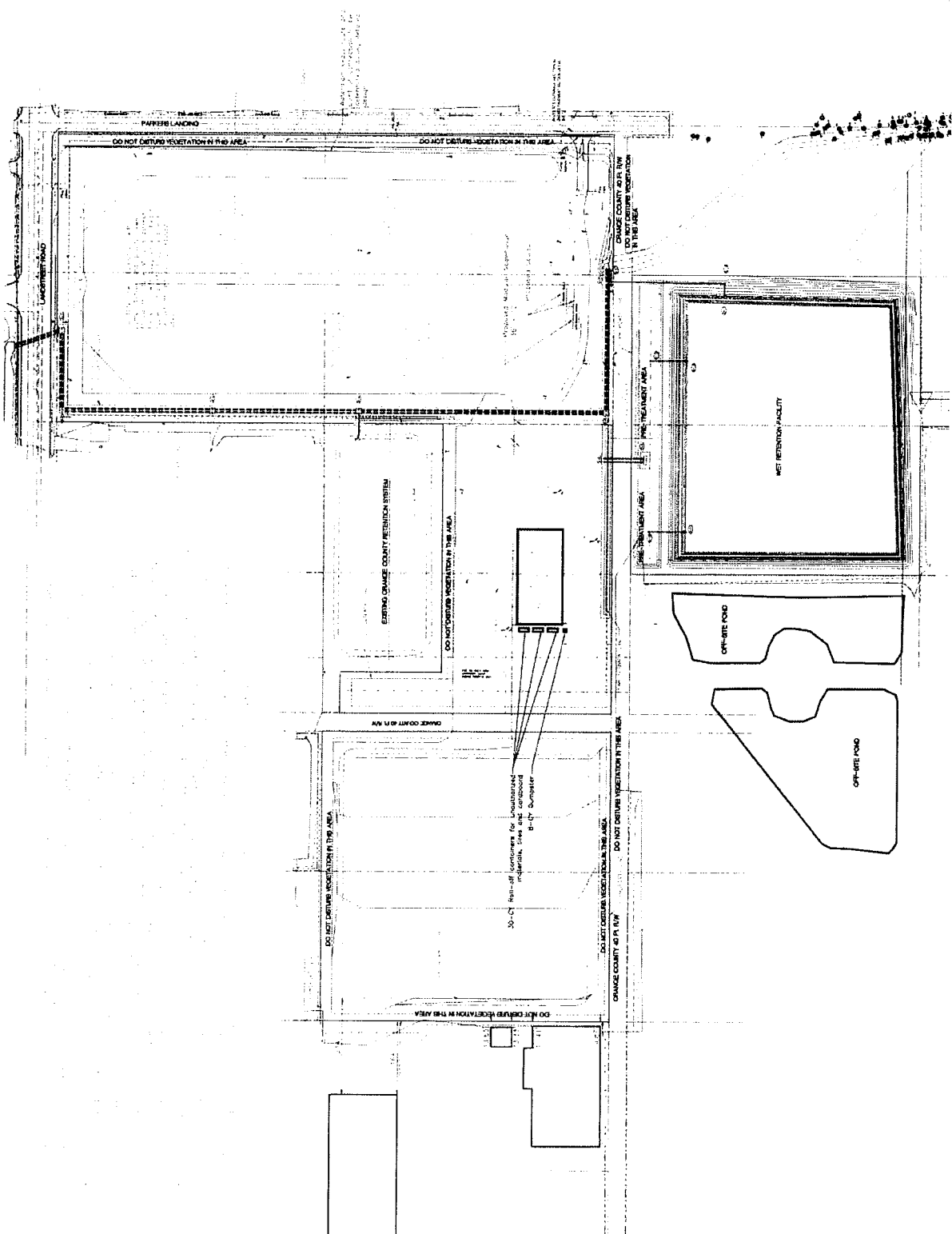
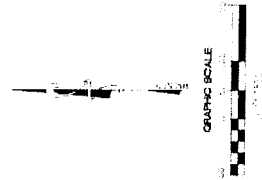
CAD FILE NAME  
 P-RECYCLED.ASB4  
 SHEET NO. 11/22  
 DESIGN ASSIGNED BY: CHM  
 CHECKED BY: BJA  
 DATE: 11/22/05  
 REVISIONS: [Table with columns for REVISION, DATE, and DESCRIPTION]

LET PLAN

NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM ADVANTAGE ENGINEERING INC.

SHEET TITLE

SHEET NUMBER



**APPLICATION FORM FOR A  
SOLID WASTE MANAGEMENT FACILITY PERMIT  
WASTE PROCESSING FACILITY  
TRANSFER STATION • MATERIALS RECOVERY FACILITY**

Environmental Protection Division  
3165 McCrory Place, Suite 200  
Orlando, Florida 32803-3727  
407.836.1400 • Fax 407.836.1499  
www.ocfl.net



NOTE: THIS FORM DOES NOT SUPERSEDE THE REQUIREMENTS OF ORANGE COUNTY CODE.

**A. GENERAL INFORMATION**

1. Type of facility (check all that apply):

Transfer Station:

C&D Debris       Class III       Class I

Other Describe: \_\_\_\_\_

Materials Recovery Facility:

C&D Recycling       Class III MRF       Class I MRF

Other Describe: \_\_\_\_\_

Other Facility That Processes But Does Not Dispose Of Solid Waste On-Site:

Storage, Processing or Disposal for Combustion Facilities (not addressed in another permit)

Other Describe: \_\_\_\_\_

2. Type of application:

Construction / Operation

Operation without additional construction       Closure

3. Classification of application:

New       Minor Modification

Renewal       Major Modification (substantial deviation)

4. Facility name: Angelo's Recycling

5. Facility ID: TBD

EPD Permit #: TBD      Expiration Date: \_\_\_\_\_

FDEP Permit #: TBD      Expiration Date: \_\_\_\_\_

6. Facility location (main entrance):

Address: 500 West Landstreet Road, Orlando, Florida 32824

Municipality: N/A      Orange County Commission District #: 4

7. Location coordinates:

Parcel IDs: 02-24-29-8220-00-070; 02-24-29-8220-00-290; 02-24-29-7268-00-071  
 Latitude: 28 25 58.18 Longitude: 81 23 02.81  
 Datum: \_\_\_\_\_ Coordinate Method: \_\_\_\_\_  
 Collected by: \_\_\_\_\_ Company/Affiliation: Obtained from Google Earth Pro

8. Applicant name (operating authority): Angelo's Aggregate Materials Ltd.

Mailing Address: 885 28th Street South, St. Petersburg, FL 33712  
 Contact person: John Arnold Phone: 727-581-1544  
 Title: Project Manager E-mail: john.phillip.arnold@gmail.com

9. Authorized agent / Consultant: Cornerstone Environmental Group, LLC, A Tetra Tech Company

Mailing Address: 201 E. Pine Street, Suite 1000, Orlando, FL 32801  
 Contact person: Jennifer L Deal, PE Phone: 407-719-0608  
 Title: Project Manager E-mail: jennifer.deal@tetrattech.com

10. Landowner (if different than applicant): lafrate Rockwood, LLC

Mailing Address: 885 28th Street South, St. Petersburg, FL 33712  
 Contact person: John Arnold Phone: 727-581-1544  
Project Manager E-mail: john.phillip.arnold@gmail.com

11. Cities, towns, and areas to be served (source of waste):

Orange County and surrounding areas

Private use       Public use

12. Estimated costs:

Total Construction: \$ 500,000 Closing Costs: \$ 60,634.07

13. Expected quantity (volume or weight) of waste to be received:

1,000 yd<sup>3</sup>/day -or- 900 tons/day

14. Provide a brief description of the operations planned for this facility:

C&D waste will be received at the facility for transfer and recycling. Materials such as wood, metal, cardboard, and plastic will be separated for recycling and resale. No on-site disposal is proposed. Non-recyclable material will be transferred to a permitted disposal facility.

15. Operational and storage areas:

Total parcel size: 44.71 acres

Existing outdoor area: 44.71 acres

Existing building: N/A sq ft

Proposed outdoor area: < 1 acres  
Transfer and recycling area

Proposed building: ~432 sq ft

16. Haul route (from/to nearest arterial roads or collector highways):

Street segments: Orange Blossom Trail to West Landstreet Road to Parkers Landing  
527 to West Landstreet Road to Parkers Landing

Residential roads:  yes /  no

Paved access:  yes /  no

17. Hours of Operation:

Mon - Fri: 7:00 AM - 7:00 PM

Sun: \_\_\_\_\_ - \_\_\_\_\_

Sat: 7:00 AM - 7:00 PM

Other: \_\_\_\_\_

**B. ADDITIONAL INFORMATION**

Please attach the following reports or documentation as required. References are to Orange County Code (O.C.C.) and Florida Administrative Code (F.A.C.) unless noted otherwise. (Application format see O.C.C. 32-214(d) and Rule 62-701.320(7) F.A.C.)

1. Provide a description of the operation of the facility that shall include (Rule 62-701.710(2)(a), F.A.C.):
  - (a) The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;
  - (b) The expected daily average and maximum weights or volumes of materials to be managed or processed;
  - (c) How the materials will be managed or processed;
  - (d) How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;
  - (e) The types of equipment that will be used;
  - (f) The maximum time materials will be stored at the facility;
  - (g) The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and
  - (h) The expected disposition of materials after leaving the facility.
  - (i) *Provide a plan documenting maximum capacity and site plan showing location and maximum dimensions of temporary storage piles. [O.C.C. 32-215(f)(3)]*
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (Rule 62-701.710(2)(b), F.A.C.).
  - a) *Provide a plan showing the zoning of site and adjacent properties; [O.C.C. 32-215(a)(5)g.]*
  - b) *Provide a Landscape Buffer Plan that meets the requirements of O.C.C. 32-216(b)(3). [O.C.C. 32-215(a)(5)h.]*
  - c) *Delineate any environmentally sensitive areas such as any conservation areas, the Wekiva Study Area, and areas protected by the Wevika River Protection Area Ordinance or the Econolockhatchee River Protection Ordinance. [O.C.C. 32-215(a)(5)i., 32-216(c)]*
3. Provide a boundary survey and legal description of the property (Rule 62-701.710(2)(c), F.A.C.).
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (Rule 62-701.710(2)(d), F.A.C.).
  - a) *Provide a Litter Control Plan for the facility. [O.C.C. 32-215(a)(15)]*
5. Provide an operation plan that describes how the applicant will comply with subsections 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (Rule 62-701.710(2)(e), F.A.C.).
  - a) *Access to the site shall be controlled via installation of a security chain link fence. [O.C.C. 32-216 (a)(13)]*
  - b) *Provide a Fire Fighting Agreement that has been approved by the local Fire Rescue service provider. [O.C.C. 32-215(a)(21)]*



6. Provide a closure plan that describes how the applicant will comply with subsections 62-701.710(6), F.A.C. (Rule 62-701.710(2)(f), F.A.C.).
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (Rule 62-701.710(2)(g), F.A.C.).
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (Rule 62-701.710(2)(h), F.A.C.).

*Note: O.C.C. 32-216 (a)(27) requires financial assurance regardless of first-in first-out waste management. In the cost estimate include funds for up to 180 days of miscellaneous site maintenance (e.g. landscape and site access control).*

9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2) F.A.C. and 62-701.320(7)(i), F.A.C.).
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)

*Note: O.C.C. 32-215(a)(4) requires, "Proof of ownership of property. At minimum, applicants shall provide an opinion of title based upon a title search."*

11. Provide a description of any ancillary operations. [O.C.C. 32- 215(a)(5)e., 32-216(a)(15)]
12. Provide documentation of the stormwater management system design and that the requirements of O.C.C. 32-216(b)(6) will be met.
  - a) For existing facilities, provide documentation that at least once every five (5) years maintenance activities shall including the removal of accumulated sediments from ponds, catch basins, and other control structures, and the restoration of control structures to design specifications, has been performed.
13. For facilities proposing outdoor storage and/or processing:
  - a) The facility accepts only construction and demolition debris and all areas where waste is stored are covered by a ground water monitoring system which meets the requirements of subsection 62-701.730(8), F.A.C. [F.A.C. 62-701.710(1)(d)2.]; or
  - b) The facility accepts only Class III wastes, the areas where waste is received is under roof and on an impervious surface, and all areas where waste is stored or processed are covered by a ground water monitoring system which meets the requirements of subsection 62-701.730(8), F.A.C. [F.A.C. 62-701.710(1)(d)3.]
14. Provide the proposed fee schedule. [O.C.C. 32- 215(a)(9)]
15. Provide a proposal for any additional controls, if applicable within the Wekiva Study Area. [O.C.C. 32-215(f)(4)]
16. Provide a description of any Waiver Requests and responses to the criteria used to evaluate such waivers. Identify the Code requirement for which the waiver is sought. [O.C.C. 32- 214(k)]
17. Demonstration of Need [O.C.C. 32-215(a)(18)] is not a required submittal, but need for the service may be a factor considered by the Board. [O.C.C. 32-214(j)(3)]

**C. SUBMITTAL LOCATION INDEX IN APPLICATION PACKAGE**

(S = Submitted; N/A = Not Applicable ; NSC = No Substantial Change)

Status	Location of submittal	Item	FAC 62-701	O.C.C. 32-	Summary
S	Section 2 Appendix C Operations Plan	B.1	.710(2)(a)	215(a)(16) 215(a)(19) 215(f)	Description of the operation of the facility
S	Section 2 Figures Section 3 Site Plans	B.2	.710(2)(b)	215(a)(5) g.,h.*,i.,j.* 215(f)(1)	Site plan; area map; zoning; wetlands; protected areas; setbacks; landscaping buffer
S	Section 4 Boundary Survey	B.3	.710(2)(c)	215(a)(3) 215(f)(1)	Boundary survey and legal description
S	Section 2 Appendix C Operations Plan	B.4	.710(2)(d)	215(a)(5) 215(a)(11) 215(a)(15) 215(a)(19) 215(f)(1)	Tipping, processing, sorting, storage and compaction areas; Litter control; Leachate control; Waste quantification
S	Section 2 Appendix C Operations Plan Section 6 Fire Fighting Agreement	B.5	.710(2)(e)	215(a)(5)j.* 215(a)(19) 215(a)(21)* 215(f)(1)	Operational requirements; Operator and spotter training; Odor control; Fire protection; Access control; Hazardous waste; Record keeping;
	Section 2 Appendix D Closure Plan	B.6	.710(2)(f)	215(a)(5)k. 215(f)(1)	Closure plan
S	Section 2 Appendix C Operations Plan	B.7	.710(2)(g)	215(f)(1)	Contingency plan
S	Section 2 Appendix D Closure Plan	B.8	.710(7)	215(a)(14)	Financial assurance
S	Section 2 Appendix F	B.9	.710(2) .320(7)(i)	214(j)(3) 215(f)(1)	Enforcement action history
S	Section 4	B.10	.320(7)(g)	215(a)(4)	Proof of ownership; Opinion of Title; Authorization
N/A		B.11		215(a)(5)e.* 215(a)(19)	Ancillary operations (if needed)
S	Section 2 Section 5	B.12		215(a)(5)f.*	Stormwater management
		B.13	.710(1)(d)2	215(a)(8)	Ground water monitoring plan (if needed)
S	Section 2 Appendix C	B.14		215(a)(9)	Fee schedule
N/A		B.15		215(f)(4)	Wekiva Study Area controls
S	Section 2	B.16	.710(9)	214(k)	Waiver Requests (if needed)
N/A	Submitted with both DRC and BZA applications			O.C.C. Sec. 2-354, 2-454;	Specific Project Expenditure Report; Relationship Disclosure Form; Agent Authorization
N/A				Florida Statute 163.3163	Acknowledgement of Contiguous Sustainable Agriculture Land

\* These items are often addressed by the local municipality.

**D. CERTIFICATION BY APPLICANT AND ENGINEER**

**1. Applicant:**

The undersigned applicant or authorized representative of

Angelo's Aggregate Materials, Ltd.

is aware that statements made in this form and attached information are an application for a **Solid Waste Management Facility** Permit from the Orange County Environmental Protection Division (EPD) and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Orange County Code, including any provisions of Chapter 403, Florida Statutes, and rules and regulations of the Florida Department of Environmental Protection adopted by reference. It is understood that the Permit is not transferable, and the EPD will be notified prior to the sale or legal transfer of the permitted facility.

*John Arnold*  
Signature of Applicant or Agent

John Arnold, Project Manager

Name and Title

john.phillip.arnold@gmail.com

E-mail address

885 28th Street South

Mailing Address

St. Petersburg, FL 33712

City, State, Zip Code

727-581-1544

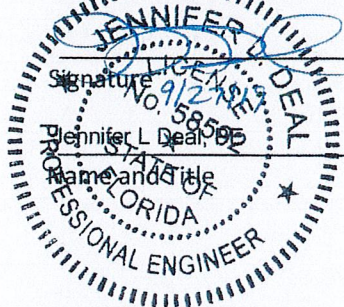
Telephone Number

9/25/19

Date

**2. Professional Engineer Registered in Florida:**

This is to certify that the engineering features of this solid waste management facility have been designed / examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with provisions of Orange County Code, including any provisions of Chapter 403, Florida Statutes, and rules and regulations of the Florida Department of Environmental Protection adopted by reference. It is agreed that the undersigned will provide the applicant with a set of instructions for proper maintenance and operation of the facility.



JENNIFER L. DEAL  
Signature

Jennifer L. Deal, PE  
Name and Title

58592

Florida Registration Number

(please affix seal)

Cornerstone Environmental Group, LLC  
A Tetra Tech Company  
Engineering Business No. 29533

201 E. Pine Street, Suite 1000

Mailing Address

Orlando, FL 32801

City, State, Zip Code

jennifer.deal@tetrattech.com

E-mail address

407-719-0608

Telephone Number

Date