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April 22, 2022

Ms. Melissa Madden

Florida Department of Environmental Protection - Southwest District

13051 N. Telecom Parkway, Suite 101

Temple Terrace, FL 33637-0926

RE: Angelo's Recycled Materials  
Enterprise Road Landfill & Recycling Facility  
Facility ID No.: 87895  
Permit #177982-033-SO/T3 Minor Modification Request

Dear Ms. Madden:

On behalf of Angelo's Recycled Materials, we are submitting this letter modification request for the above referenced facility permit. We are only requesting minor text changes to the Operations Plan section Method Of Cell Sequence And Life Expectancy as shown in Attachment 1. The requested text changes are shown in the strikethrough underline format. The \$250 minor permit modification fee will be uploaded through the Department's payment portal by the applicant.

Please feel free to call me to discuss this requested modification. I can be reached at (352) 672-6867 or [lisa@locklearconsulting.com](mailto:lisa@locklearconsulting.com).

Sincerely,

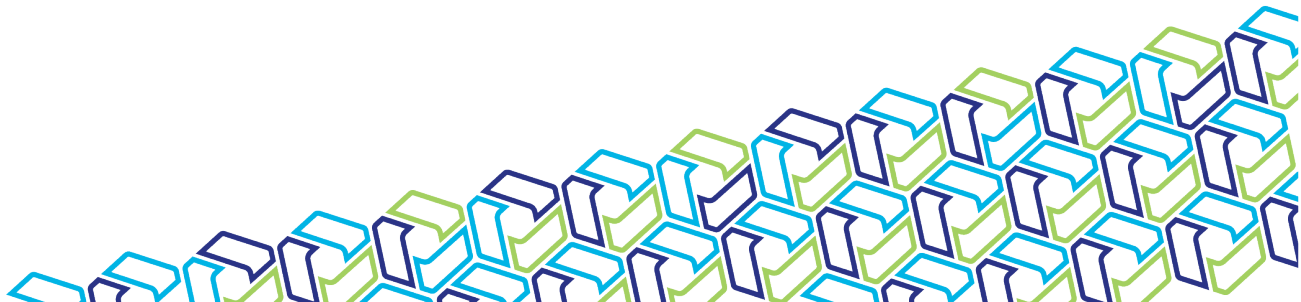
*Lisa Baker*

Lisa Baker, P.E.

Engineering Division Director

Locklear & Associates, Inc.

Cc: John Arnold, ARM



**ATTACHMENT 1**  
**Operations Plan Revisions**  
**Method Of Cell Sequence And Life Expectancy**  
**Section Only**

truck traffic vs. landfill truck traffic to their appropriate areas of the site.

## METHOD OF CELL SEQUENCE AND LIFE EXPECTANCY

### Cell Sequence

Angelo's Aggregate Materials is currently (as of September 2020) filling in Cell 17 of the Class III Landfill. Lifts will generally be less than 10 to 12 feet in compacted thickness. Lifts greater than 10-12 feet (in compacted thickness) may occur at times to accommodate ramps, weather conditions, daily waste volume, and as necessary to provide safe working conditions. The filling sequence operations will be as follows:

- |                    |   |
|--------------------|---|
| Phasing Sequence 1 | Fill Cell 17 to an elevation roughly equivalent to the current elevation of Cell 16 (approximately 137 ft, NGVD). Filling in Cell 17 will start in the east and move to the west for each lift. <del>Lift thickness may vary but will generally be less than 10 to 12 feet.</del>   |
| Phasing Sequence 2 | Fill Cells 16 and 17 to an elevation roughly equivalent to the current elevation of Cells 1-7, and 15. Filling will start in the east and move to the west for each lift. <del>Lift thickness may vary but will generally be less than 10 to 12 feet.</del>   |
| Phasing Sequence 3 | Fill vertically over the entire permitted footprint. Filling will start with side slopes where feasible. Filling may occur on the top deck simultaneously with side slope filling to allow for select loads to be placed on the side slopes. Filling of the top deck will start on the east and move west for each lift. <del>Lift thickness may vary but will generally be less than 10 to 12 feet.</del> Filling will continue such that the final waste grades (slopes and elevations) shown in Sheets C1.00 and C1.10 of the Permit Modification Plan Set are not exceeded. |

The following procedures will be followed:

- The access road to the working face will be constructed and graded as necessary
- Waste will be compacted as it is placed. ~~General Lifts height will be 10 to 12 feet and~~ will be placed as described in the phasing sequences (above) and come within three (3) feet of the final elevations to provide for final cover.
- The working face will ~~be remain~~ approximately ~~400~~ 150-200 feet in ~~length-width.~~ At times, the width of the working face may be larger to accommodate ramps, weather conditions, daily waste volume, and as necessary to provide safe working conditions.
- Avoid channelizing stormwater flows

- Use mulch, grass, and maintain intermediate covers
- Weekly cover of six (6) inches of soil will be placed on the working face
- Intermediate cover of 12 inches of soil will be placed in areas that will not receive waste within 180 days. The cover may be removed immediately prior to placement of new waste
- During excavation, construction and waste disposal an approximate 6 3-foot berm adjacent to active and filled cells retains stormwater from the filling area and diverts stormwater from the excavation area and pumped to stormwater Pond 3.

## Erosion Control

The following engineering controls will be used to minimize erosion at the working face:

- Regrade a maximum of 100 linear feet of the outer edge slopes at a time to 2H:1V. The purpose of this recommendation is that a relatively small area will be subjected to surface erosion at any given time.
- Construct a berm if rainfall is expected along the top of the slope during the regrading to redirect any rainfall runoff away from the working face of the slope. The area along the berm should be graded so as to allow rapid runoff along the top of the slope. Ponding of water near the top of the slope should not be allowed, since seepage through the slope may initiate slope erosion.
- Avoid channelizing stormwater flows

Vegetative cover will be placed on top of the intermediate cover for erosion control purposes. All or part of the intermediate cover may be removed before placing additional waste or installing final cover

## Life Expectancy.

The capacity and lifespan estimates are provided in Section 3.8.3 of the Engineering Report.

## Cell 17 Stormwater Management Start-Up

### Step 1

1. Line toe drain with construction plastic and construct Cell 17 ramp (north ramp) from the north perimeter road. The access ramp will be 20' west of Cell 16. The toe drain between the access ramp and Cell 16 remains open (not lined with construction plastic) to accept leachate from the temporary bypass stormwater diversion swale (diversion swale).
2. Pump segregated stormwater from on top of lined toe drain into Pond 3.