

# ANGELO'S RECYCLED MATERIALS

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April 15, 2011

Ms. Susan Pelz, P.E.  
Solid Waste Section Manager  
Florida Department of Environmental Protection – Southwest District  
13051 North Telecom Parkway  
Temple Terrace, FL 33637

RE: Angelo's Recycled Materials  
Enterprise Class III Landfill, Permit No.: 177982-007-SO/T3  
Specific Condition C.13.c - Topographic Survey and Disposal Capacity Estimate

Dear Ms. Pelz:

This letter report is provided to the Department as required by Specific Condition C.13.c of the facility Operations Permit. A new topographic survey (signed and sealed) showing the top of the active fill areas was completed by Pickett Surveying & Photogrammetry on April 2, 2011 and is enclosed.

To date Cells 1, 2, 3, 4, 5, and 15 have been constructed, certified by the Department, and have accepted Class III materials. Construction of Cell 6 is ongoing. Since the time of the last topographic survey disposal operations have primarily occurred in Cells 3 and 4.

The remaining airspace capacity of the permitted landfill is estimated to be approximately 600,000 cy, which will take approximately 3 years to fill assuming the current annual disposal rate remains constant.

If you have any questions, please feel free to call me at (352) 339-1408.

Sincerely,

A handwritten signature in dark ink, appearing to read "John P. Arnold".

John P. Arnold, P.E.

Dept. Of Environmental Protection

MAY 05 2011

Southwest District

Enclosure

cc: Dominic Iafrate  
Gary Bucholz



**PICKETT**  
SURVEYING & PHOTOGRAMMETRY

## REPORT OF SURVEY

NOTE: THIS REPORT AND ACCOMPANYING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

**PICKETT & ASSOCIATES PROJECT NO.: 14094-3**

**TITLE/TYPE OF SURVEY: TOPOGRAPHIC SURVEY**

**DATE OF IMAGERY: 4/2/11**

**SUBJECT: ENTERPRISE ROAD CLASS III LANDFILL**

**CLIENT: ANGELO'S RECYCLED MATERIALS**

**ACCURACY STATEMENT:** The following stated plus or minus tolerances encompass a minimum of 90% of the difference between photogrammetrically measured values and any ground truth of all well-identified features. Mapped features meet or exceed the Florida Minimum Technical Standards.

### **VERTICAL:**

Contours have been measured to an estimated vertical positional accuracy of 0.5'. Spot elevations and well-identified features have been measured to an estimated vertical positional accuracy of 0.25'.

### **HORIZONTAL:**

Well-identified features have been measured to an estimated horizontal positional accuracy of 1.66'.

### **MAP PLOTTING:**

This map is intended to be displayed at a scale of 1" = 50' (1:600) or smaller.

Dept. Of Environmental Protection

### **DATUM:**

MAY 05 2011

### **HORIZONTAL:**

Coordinates are referenced to the West Zone of the Florida State Plane Coordinate System, NAD 83/90. Simmons & Beall provided the horizontal coordinates.

Southwest District

### **VERTICAL:**

Elevations are to National Geodetic Vertical Datum of 1929. Simmons & Beall provided the vertical elevations.

# PICKETT & ASSOCIATES, INC.

## Control Points Used:

Pt#	Easting	Northing	Elevation
SE	614238.557	1452227.976	113.52
SW	611692.439	1452228.401	149.08
NW	611978.692	1454575.443	133.45
NE	614261.952	1454882.310	85.22

## Feature List

(THESE FEATURES ARE REPRESENTED  
BY SYMBOLS NOT TO SCALE)

△ CONTROL	⊠ CATCH BASIN
○ UTILITY POLE	⊙ VALVE
✱ LIGHT POLE	⊠ ELECTRICAL
✱ TRAFFIC LIGHT	⊠ AIR CONDITIONER
⊠ SIGN	⊠ MISCELLANEOUS SYMBOL
○ POST	⊠ CULVERT
⊠ FLAG	⊠ SWAMP/MARSH
⊠ MAIL BOX	⊠ TREE
⊠ GUYWIRE	⊠ PALM
⊠ MANHOLE	⊠ SHFUB
⊠ HYDRANT	

## LEGEND.

(THESE FEATURES ARE TO SCALE)

---	CURB
▨	PAVED ROAD
▨	CONCRETE SURFACE
---	UNPAVED ROAD
---	FENCE
---	GUARDRAIL
---	WALL
---	RAILROAD
---	STRUCTURE
---	TREE LINE
---	SHRUB LINE

---	PIPELINE
---	RECREATION
---	EDGE OF GROVE
---	EDGE OF WATER
---	SWAMPLINE
---	OBSCURED CONTOUR
---	DEPRESSION CONTOUR

(THESE INFORMATIVE LABELS  
ARE NOT SCALE DEPENDENT)

W.E.	WATER ELEVATION
× 120.1	TYPICAL SPOT ELEVATION
× 120.1	OBSCURED SPOT ELEVATION

## Measurement Methods:

In areas where vegetation makes the ground difficult to determine contours are shown dashed and do not meet the above stated accuracy. Contours are removed from areas where vegetation completely hides the ground. This map is limited to those features visible on aerial photography. Aerial photography was acquired at a negative scale of 1:3960, scanned at a 15-micron resolution and mapped using softcopy photogrammetric techniques. Points SW, NW and NE were photo-identifiable as the original targets fell outside of photo coverage.

## Limitations:

This mapping should be used for preliminary design work only and should not replace an actual field survey where the required accuracy is greater than the accuracy stated in this report. No responsibility is assumed for areas outside the contracted scope or for the ground control provided by Simmons & Beall, Dade City, Florida.

Dept. Of Environmental Protection

MAY 05 2011

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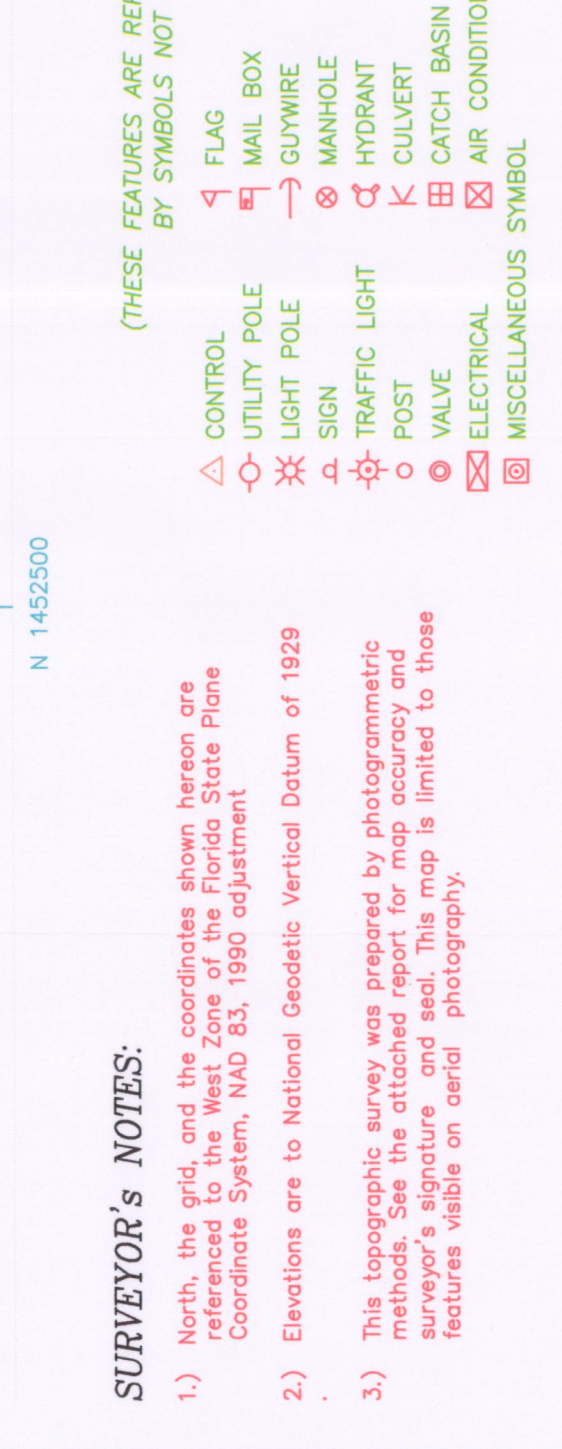
4/2/11


SURVEY DATE

T. JEFFREY YOUNG, PSM, CP  
FLORIDA REGISTRATION NO. 5440  
PICKETT AND ASSOCIATES, INC.  
FLORIDA REGISTRATION NO. 364  
MAPPER







TOPOGRAPHIC SURVEY ENTERPRISE ROAD LANDFILL PREPARED FOR: ANGELO'S RECYCLED MATERIALS		PROJECT No. <b>14094-3</b>		No. <b>1</b>	
		DRAWING No. <b>LD-4687</b>		OF <b>1</b>	
 <b>PICKETT</b> SURVEYING & PHOTOGAMMETRY <small>PICKETT &amp; ASSOCIATES, INC.          LICENSED BUSINESS NO. 12004</small>		Horiz. Scale: <b>1" = 100'</b> Contour Interval: <b>1'</b>		Edited by: <b>RP</b> Compiled by: <b>DW</b>	
875 SOUTH FIRST AVENUE SUITE 100 PHONE: (863) 333-9095 FAX: (863) 334-1664		THIS MAP AND ATTACHED REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER AND ARE NOT VALID WITHOUT THE SIGNATURE OF THE ORIGINAL PRAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER		No. DATE APPROVED REVISION <b>O.R. 04/29/11</b> <b>TUY</b> <b>ORIGINAL RELEASE</b>	
Flight Date: <b>04/02/11</b> Drawing Name: <b>14094-3.DWG</b>					