

# Angelo's Recycled Materials

41111 Enterprise Road  
Dade City, FL 33525



[www.angelosrm.com](http://www.angelosrm.com)

Dept. Of Environmental Protection  
JAN 25 2012  
Southwest District

<b>Apopka</b>	407.290.8010	407.290.8115 (fax)	<b>Lutz</b>	813.903.0588	813.632.9157 (fax)
<b>Dade City</b>	352.567.7676	352.567.9448 (fax)	<b>Largo</b>	727.581.1544	727.586.5676 (fax)

January 19, 2012

Ms. Susan Pelz, P.E.  
Solid Waste Section  
Florida Department of Environmental Protection  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

RE: Enterprise Class III Landfill and Recycling Facility & Waste Tire Processing Facility  
Annual Financial Assurance Cost Estimate Adjustment  
FDEP Permits Nos.: 177982-007-SO/T3 & 303741-001-WT-02  
WACS No.: 87895

Dear Ms. Pelz:

The FDEP approved 2010 financial assurance cost estimates for closure and long-term care for this facility have been inflation adjusted for 2012 using the FDEP approved multiplier of 1.010. The revised estimates (FDEP form 62-701.900(28)) are enclosed for your review. This correspondence has also been provided to the FDEP financial assurance representatives Mr. Fred Wick and Mr. Frank Hornbrook.

I would like to point out that the enclosed closure estimate was inflated for 2012 using the October 28, 2011 update, which was approved to include Cell 6. The Waste Tire Processing Facility closure estimate dated February 11, 2011 has also been included and was inflation adjusted for 2012.

Please let me know if you have any questions or if you need any additional information.

Sincerely,

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

John Arnold  
Project Manager

Attachment

Xc: Frank Hornbrook, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Gary Bucholz, Angelo's Recycled Materials



# Florida Department of Environmental Protection

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

Print Form

Reset Form

DEP Form # 62-701.900(28), F.A.C.

Form Title: Closure Cost Estimating Form  
For Solid Waste Facilities

Effective Date: January 6, 2010

Incorporated in Rule 62-701.630(3), F.A.C.

## CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: \_\_\_\_\_

### I. GENERAL INFORMATION:

Facility Name: Angelo's Recycled Materials WACS ID: 87895  
Permit Application or Consent Order No.: 177982-007-SO, 303741-001-WT Expiration Date: 05/31/2012  
Facility Address: 41111 Enterprise Road, Dade City, FL 33525  
Permittee or Owner/Operator: Angelo's Aggregate Mtls, Ltd d/b/a Angelo's Recycled Materials  
Mailing Address: P.O. Box 1493, Largo, FL 33779

Latitude: 29° 19' 53" Longitude: 82° 08' 06"

Coordinate Method: \_\_\_\_\_ Datum: \_\_\_\_\_

Collected by: \_\_\_\_\_ Company/Affiliation: \_\_\_\_\_

### Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing
Cells 1-6 and 15	50.5	2004	7 YR	3 YR +/-	NA	NA
Waste Tire Processing Fac.	NA	2011 cert.	No Waste Receiv	NA	NA	NA

Total disposal unit acreage included in this estimate: Closure: 50.5 Long-Term Care: 50.5

Facility type: ☐ Class I ☒ Class III ☐ C&D Debris Disposal  
(Check all that apply) ☒ Other: Waste Tire Processing Facility (No tires received since cert.)

### II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Letter of Credit* | <input type="checkbox"/> Insurance Certificate | <input type="checkbox"/> Escrow Account        |
| <input type="checkbox"/> Performance Bond*            | <input type="checkbox"/> Financial Test        | <input type="checkbox"/> Form 29 (FA Deferral) |
| <input type="checkbox"/> Guarantee Bond*              | <input type="checkbox"/> Trust Fund Agreement  |  |

\* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

Northwest District  
160 Government Center  
Pensacola, FL 32502-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-807-3300

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
407-894-7555

Southwest District  
13051 N. Telecom Pky.  
Tempe Terrace, FL 33637  
813-632-7600

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
239-332-6975

Southeast District  
400 N. Congress Ave., Ste. 200  
West Palm Beach, FL 33401  
561-681-6600

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

JAN 25 2012

SOUTHWEST DISTRICT  
TAMPA

### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

☒ (a) Inflation Factor Adjustment

☐ (b) Recalculated or New Cost Estimates

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website [www.dep.state.fl.us/waste/categories/swfr](http://www.dep.state.fl.us/waste/categories/swfr) or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the Department approved closing cost estimate dated:		01/11/11 & 10/28/11
Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
\$3,386,584.82	x 1.01	= \$3,420,450.67

This adjustment is based on the Department approved long-term care cost estimate dated:		10/28/11
Latest Department Approved Annual Long-Term Care Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Annual Long-Term Care Cost Estimate:
\$163,854.80	x 1.01	= \$165,493.35
Number of Years of Long Term Care Remaining:	x	30
Inflation Adjusted Long-Term Care Cost Estimate:	=	\$4,964,800.45

Signature by: ☒ Owner/Operator

☐ Engineer (check what applies)

  
Signature

41111 Enterprise Road

Address

John Arnold, Project Manager

Name & Title

Dade City, FL 33525

City, State, Zip Code

01/19/2012

Date

john.phillip.arnold@gmail.com

E-Mail Address

(352) 339-1408

Telephone Number

Angelo's Recycled Materials  
Enterprise Class III Landfill and Recycling Facility & Waste Tire Processing Facility  
2012 Financial Assurance Estimates Summary

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2011 Cells 1- 6 and 15 Closure Cost Estimate = \$ 3,242,369.82  
2011 Waste Tire Processing Facility Closure Cost Estimate = \$ 144,215.00

Subtotal = \$ 3,386,584.82

2012 Inflation Factor = 1.010

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**2012 Closure Cost Estimate = \$ 3,420,450.67**

2011 Annual Cells 1 - 6 and 15 Long Term Care Cost = \$ 163,854.80

2012 Inflation Factor = 1.010

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2012 Annual Long Term Care Cost Estimate = \$ 165,493.35

Number of Years of Long Term Care = 30

**Inflation Adjusted Long Term Care Cost Estimate = \$ 4,964,800.45**

**2012 Closure and Long Term Care Cost Estimate = \$ 8,385,251.12**

Angelo's Recycled Materials  
Enterprise Recycling and Disposal Facility  
Cell 6  

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**Financial Assurance Requirements - Estimate**

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**A. 2011 APPROVED FINANCIAL ASSURANCE CELLS 1 - 5 & 15\***

Cells 1, 2, 3, 4, 5, 15 =	39.6 acres
2011 FDEP Closure Estimate = \$	2,544,386.86
2011 FDEP Long Term Care Estimate = \$	3,857,456.34
2011 FDEP Closure Estimate = \$	64,252.19 /acre
2011 FDEP Long Term Care Estimate = \$	97,410.51 /acre

**B. PRO RATED CELL 6 FINANCIAL ASSURANCE**

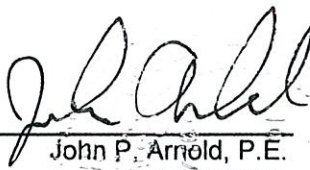
Cell 6 (1,690' x 280') =	10.86 acres
Cell 6 Closure Estimate = \$	697,982.96
Cell 6 Long Term Care Estimate = \$	1,058,187.67

**C. UPDATED 2011 FINANCIAL ASSURANCE INCLUDING CELLS 1 - 6 & 15**

Cells 1, 2, 3, 4, 5, 6, 15 Closure Est. = \$	3,242,369.82
Cells 1, 2, 3, 4, 5, 6, 15 Long Term Care Est. = \$	4,915,644.01
Cells 1, 2, 3, 4, 5, 6, 15 Total Financial Assurance = \$	8,158,013.84

**NOTE**

\* 2001 Financial Assurance Estimate Attached

  
John P. Arnold, P.E.  
10/28/2011  
P.E. No.: 47164  
34924 Williams Cemetery Road  
Dade City, FL 33525  
Ph.: 352-339-1408

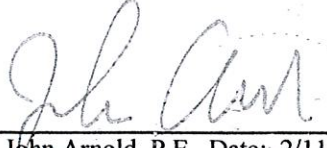
**ENTERPRISE ROAD RECYCLING AND DISPOSAL FACILITY  
WASTE TIRE PROCESSING FACILITY  
CLOSURE COST ESTIMATE**

Description	Pad 1 Whole Tire	Pad 2 Whole Tire	Pad 3 Whole Tire	Pad 4 Whole Tire	Pad 5 Whole Tire	Pad 6 Processed Tire
BASE LENGTH, L1 (ft)	150	150	150	150	150	200
BASE WIDTH, W1 (ft)	50	50	50	50	50	50
BASE AREA, A1 (sf)	7,500	7,500	7,500	7,500	7,500	10,000
SLOPE (h:v)	1.5	: 1 (ALL PILES)				
HEIGHT, H (ft)	15	15	15	15	15	12
TOP LENGTH, L2 (ft)	105	105	105	105	105	164
TOP WIDTH, W2 (ft)	5	5	5	5	5	14
TOP AREA, A2 (sf)	525	525	525	525	525	2,296
VOLUME, V (cf)	50,047	50,047	50,047	50,047	50,047	68,351
VOLUME, V (cy)	1,854	1,854	1,854	1,854	1,854	2,532
WHOLE TIRES DENSITY (loose, lb/cy)	200	200	200	200	200	n/a
PROCESSED TIRE (loose, lb/cy)	n/a	n/a	n/a	n/a	n/a	900
TIRES PER PAD (lb)	370,715	370,715	370,715	370,715	370,715	2,278,355
TIRES PER PAD (ton)	185	185	185	185	185	1,139

TOTAL TIRES WHOLE (ton)	927
TOTAL TIRES PROCESSED (ton)	1,139
TOTAL ALL TIRES (ton)	2,066

CLOSURE ITEM	Quantity (tons)	Unit Price (\$/ton)	Total Cost
Whole and Processed Tires	2,066	\$ 60.00	\$ 123,958
Transportation	2,066	\$ 7.00	\$ 14,462
Rims	n/a	\$ -	\$ -
Residual(s)/Class I Removal	21	\$ 99.00	\$ 2,045
Site Clean Up and Restoration	\$ 3,750.00	LS	\$ 3,750
Total Cost			\$ 144,215

Assume Residuals are Class I materials represent 1% of the combined whole and processed tire storage, by weight.

  
 John Arnold, P.E. Date: 2/11/11  
 P.E. No.: 47164  
 34924 Williams Cemetery Rd  
 Dade City, FL 33525