

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT ISSUANCE

Set Via Email To:
Merrifield_c@hotmail.com

In the matter of an Application
for Permit By:

DEP File No. 0064386-003-WT
Jackson County

Mr. Jim Merrifield
J. E. Merrifield, Inc.
3053 Barnes Lane
P.O. Box 550
Cottdale, Florida 32431

Enclosed is Permit Number 0064386-003-WT for operation of Tire Disposal Services, a waste tire processing facility, issued pursuant to Section 403.707, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee 32399-2400, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Charles F. Goddard
Program Administrator

160 Governmental Center
Pensacola, Florida 32502-5794
(850) 595-8360

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to §120.52(9), Florida Statutes, with the designated Department clerk, receipt of which is hereby acknowledged.

Lynn Rotenberg

Clerk

September 12, 2005

Date

Copies furnished to:

William Nobles, David H. Melvin, Inc.: billnobles@melvineng.com

Jake Mathis, David H. Melvin, Inc.: jakemathis@melvineng.com

Lee Martin, Solid Waste Management-Tallahassee: lee.martin@dep.state.fl.us

Chad Fetrow, TLH, Financial Assurance: chad.fetrow@dep.state.fl.us



Department of Environmental Protection

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32502-5794

Colleen M. Castille
Secretary

Permittee: J. E. Merrifield, Inc.
District/County/WACS No.: NWD/32/00001612
File Number: 0064386-003-WT
Date of Issue: September 12, 2005
Expiration Date: **September 12, 2010**
County: Jackson
Latitude/Longitude: 30°47'21"N/85°24'54"W
Section/Township/Range: 34/5N/12W
Project: Tire Disposal Services

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 62-701, Florida Administrative Code (F.A.C.). The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown in the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate a waste tire processing facility located at 3053 Barnes Lane, in the city of Cottondale in Jackson County, Florida.

Operation of the waste tire processing facility shall be in accordance with the application received June 8, 2005, subsequent completeness information and the applicable regulations in Chapter 62-711, F.A.C.

GENERAL CONDITIONS are provided in [Attachment 1](#)

SPECIFIC CONDITIONS:

General

1. The Department may modify these conditions or impose new conditions, as it deems necessary to assure compliance with the provisions of Chapter 403, Florida Statutes, and other applicable regulations. [Rule 62-4.070(1), F.A.C.]

Construction

2. The Department shall be notified and prior approval shall be obtained of any changes or revisions proposed during operation or construction under this permit. [Rule 62-4.070(1), F.A.C.]

3. Construction shall be in accordance with the methods and plans as approved by the Department and the plans submitted with this permit application. [Rule 62-4.070(1), F.A.C.]

Operations

4. Permittee shall have **no more than 5000 whole waste tires, processed waste tires and residuals, in total**, stored at the facility at any one time. [Rule 62-711.530(2), F.A.C. and permit application received on August 27, 2003]

5. Permittee shall only receive waste tires via waste tire collectors that are registered with the Department and display a valid, current Department issued decal. Appropriate records shall be kept in accordance with Rule 62-711.530(4), F.A.C.

6. No waste tires, processed tires, residuals or other materials shall be disposed of at this facility. [Rule 62-701.300(1)(a), F.A.C.]

7. Surface water runoff shall be controlled during operation in accordance with Rule 62-3, F.A.C., at the site boundaries.

8. The waste tire processing facility shall submit quarterly reports to the Department that summarize the information collected in accordance with Rule 62-711.530(5), F.A.C. These reports shall be submitted by the **20th day of January, April, July and October** and shall summarize the proceeding calendar quarter. Permittee shall submit the quarterly reports on DEP Form 62-711.900(21) (**Attachment 2**). [Rule 62-711.530(5), F.A.C.]

Financial Assurance

9. Permittee shall maintain proof of financial assurance by submitting any updates of all required supporting documentation in a timely manner as outlined in Rule 62-701.730(11), F.A.C. All submittals in response to this specific condition shall be submitted to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS 4565, Tallahassee, Florida 32399-2400, with a copy to this District Office. [Rule 62-701.730(11), F.A.C.]

10. Permittee shall annually adjust the closure cost estimate for inflation using Form 62-701.900(28). Adjustments shall be made in accordance with Rule 62-701.630(4), F.A.C. and 40 CFR Part 264.142(a) and 264.144(a). Permittee shall submit the adjusted cost estimate between **January 1** and **March 1**. Use **Attachment 3** [DEP Form 62-701.900(28)] for reporting this information. [Rule 62-701.730(11)(b), F.A.C.]

All submittals in response to this specific condition shall be sent to:
Florida Department of Environmental Protection
Solid Waste Section - Permitting
160 Governmental Center
Pensacola, Florida 32502

With a copy to:

Florida Department of Environmental Protection
Financial Coordinator - Solid Waste Section
Twin Towers Office Building
2600 Blair Stone Road, MS 4565
Tallahassee, Florida, 32399-2400

Administrative

11. A copy of the Department approved engineering drawings, plans, reports, operational plan, and supporting information shall be kept on site at all times and be available for Department inspection. [Rule 62-4.070(1), F.A.C.]

12. The permanent Department identification number (WACS No.) for this facility is NWD/32/00001612. Please cite this number on all reports and correspondence concerning this facility. [Rule 62-4.070(1), F.A.C.]

13. The Department telephone number for reporting emergencies involving a significant threat to human health or the environment is (850) 413-9911, day or night. For routine business, telephone (850) 595-8360 during normal working hours. [Rule 62-4.070(1), F.A.C.]

Issued this 12th day of September, 2005.

Expiration date: **September 12, 2010**

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Charles F. Goddard
Program Administrator
Waste Management Program

160 Governmental Center
Pensacola, Florida 32502-5794
(850) 595-8360, extension 1247

GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions" and are binding and enforceable pursuant to the authority of Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. Permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project, which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve Permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow Permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by Permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of this permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, Permittee shall immediately provide the Department with the following information:

- a. A description of and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

Permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. Permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, Permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. Permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. Permittee shall comply with the following:

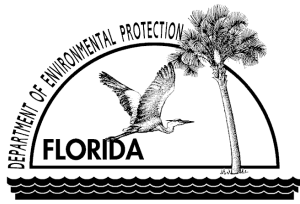
a. Upon request, Permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. Permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analysis.

14. When requested by the Department, Permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If Permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



Department of Environmental Protection

DEP Form # <u>62-701.900(21)</u>
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report _____ (First quarter begins on January 1 of any given year)

1. Facility name: _____
2. Facility mailing address: _____
 City: _____ County: _____ Zip: _____
3. Facility permit number: _____
4. Facility telephone number () _____
5. Authorized person preparing report: _____
6. Affiliation with facility: _____
7. Telephone number (if different from above): () _____
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires							
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total							

- a. Explain all inventory adjustments. _____

- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

 For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:
 To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

 Print Name of Authorized Agent Signature of Authorized Agent Date

Mail complete form to
the appropriate district office

Tire Disposal Services
0064386-003-WT
Attachment 2
Page 1 of 1

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

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

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

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



Florida Department of Environmental Protection
 Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(28)
 Form Title Financial Assurance Cost Estimate Form
 Effective Date 05-27-01
 DEP Application No. _____
 (Filled by DEP)

FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: _____ Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: _____ WACS or GMSID #: _____

Permit / Application No.: _____ Expiration Date: _____

Facility Address: _____

Permittee: _____

Mailing Address: _____

Latitude: _____ Longitude: _____ or UTM: _____

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Landfill Acreage included in this estimate. _____ Closure _____ Long-Term Care _____

Type of landfill: _____ Class I _____ Class III _____ C&D Debris _____

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

_____ Letter of Credit* _____ Insurance Certificate
 _____ Performance Bond* _____ Escrow Account
 _____ Guaranty Bond* _____ Trust Fund Agreement

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

Northwest District
 160 Governmental Center
 Pensacola, FL 32501-5794
 850-595-8360

Northeast District
 7825 Baymeadows Way, Ste. B200
 Jacksonville, FL 32256-7590
 904-448-4300

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

Southwest District
 3804 Coconut Palm Dr.
 Tampa, FL 33619
 813-744-6100

South District
 2295 Victoria Ave., Ste. 364
 Fort Myers, FL 33901-3881
 941-332-6975

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

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code 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

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 Financial Coordinator at (850)-488-0300.

This adjustment is based on the Department approved closure cost estimate dated: _____

Latest Department Approved	Current Year	Inflation Adjusted
_____	_____	_____
	X	=
_____	_____	_____

This adjustment is based on the Department approved long-term care cost estimate dated: _____

Latest Department Approved Annual Long-Term Care Cost Estimate:	Current Year Inflation Factor	Inflation Adjusted Annual Long-Term Care Cost Estimate:
_____	_____	_____
	X	=
_____	_____	_____

Number of Years of Long Term Care Remaining: **X** _____

Inflation Adjusted Long-Term Care Cost Estimate: **=** _____

(b) Recalculate Estimates (see section V)

IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department **annually**, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Signature of Engineer

Signature of Owner/Operator

Name & Title (please type)

Name & Title (please type)

Florida Registration Number (affix seal)

Telephone Number

Mailing Address

Owner/Operator E-Mail Address

Telephone Number

Engineer E-Mail Address

V. RECALCULATE ESTIMATED CLOSING COST

For the time period in the landfill operation when the extent and manner of its operation makes closing **most expensive**.

**** Third Party Estimate / Quote must be provided for each item**

**** Costs must be for a third party providing all material and labor**

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
1. Proposed Monitoring Wells	(Do not include wells already in existence.)			
	EA	_____	_____	_____
2. Slope and Fill (bedding layer between waste and barrier layer):				
Excavation	CY	_____	_____	_____
Placement and Spreading	CY	_____	_____	_____
Compaction	CY	_____	_____	_____
Off-Site Material	CY	_____	_____	_____
Delivery	CY	_____	_____	_____
		Subtotal Monitoring Wells :		_____
3. Cover Material (Barrier Layer):				
Off-Site Clay	CY	_____	_____	_____
Synthetics - 40 mil	SY	_____	_____	_____
Synthetics - GCL	SY	_____	_____	_____
Synthetics - Geonet	SY	_____	_____	_____
Synthetics - Other	SY	_____	_____	_____
		Subtotal Barrier Layer Cover:		_____
4. Top Soil Cover:				
Off-Site Material	CY	_____	_____	_____
Delivery	CY	_____	_____	_____
Spread	CY	_____	_____	_____
		Subtotal Top Soil Cover:		_____

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
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5. Vegetative Layer

Sodding	SY	_____	_____	_____
Hydroseeding	AC	_____	_____	_____
Fertilizer	AC	_____	_____	_____
Mulch	AC	_____	_____	_____
Other	SY	_____	_____	_____
Subtotal Vegetative Layer:				_____

6. Stormwater Control System:

Earthwork	CY	_____	_____	_____
Grading	SY	_____	_____	_____
Piping	LF	_____	_____	_____
Ditches	LF	_____	_____	_____
Berms	LF	_____	_____	_____
Control Structures	EA	_____	_____	_____
Other	LS	_____	_____	_____
Subtotal Stormwater Controls:				_____

7. Gas Controls: Passive

Wells	EA	_____	_____	_____
Pipe and Fittings	LF	_____	_____	_____
Monitoring Probes	EA	_____	_____	_____
NSPS/Title V requirements	LS	_____	_____	_____
Subtotal Passive Gas Control:				_____

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
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8. Gas Control: Active Extraction

Traps	EA	_____	_____	_____
Sump	EA	_____	_____	_____
Flare Assembly	EA	_____	_____	_____
Flame Arrestor	EA	_____	_____	_____
Mist Eliminator	EA	_____	_____	_____
Flow Meter	EA	_____	_____	_____
Blowers	EA	_____	_____	_____
Collection System	LF	_____	_____	_____
Other (describe)		_____	_____	_____

Subtotal Active Gas Extraction: _____

9. Security System:

Fencing	LF	_____	_____	_____
Gate(s)	EA	_____	_____	_____
Sign(s)	EA	_____	_____	_____

Subtotal Security System: _____

10. Engineering:

Closure Plan report	LS	_____	_____	_____
Certified Engineer	LS	_____	_____	_____
NSPS/Title V Air Permit	LS	_____	_____	_____
Final Survey	LS	_____	_____	_____
Certification of Closure	LS	_____	_____	_____
Other (detail)		_____	_____	_____

Subtotal Engineering: _____

VI. ANNUAL COST FOR LONG-TERM CARE

(Check Term Length)

_____ 5 Years _____ 20 Years _____ 30 Years _____ Other

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

**** Third Party Estimate / Quote must be provided for each item**
**** Costs must be for a third party providing all material and labor**

All items must be addressed. Attach a detailed explanation for all items marked not applicable (N/A)

Description	Sampling Frequency (events/yr.)	Number of Wells	\$ / Well / Event	\$ / Year
1. Groundwater Monitoring (62-701.510(6), and (8)(a))				
Monthly	12	_____	_____	_____
Quarterly	4	_____	_____	_____
Semi-Annual	2	_____	_____	_____
Annual	1	_____	_____	_____
Subtotal Groundwater Monitoring:				_____
2. Surface Water Monitoring (62-701.510(4), and (8)(b))				
Monthly	12	_____	_____	_____
Quarterly	4	_____	_____	_____
Semi-Annual	2	_____	_____	_____
Annual	1	_____	_____	_____
Subtotal Surface Water Monitoring:				_____
3. Gas Monitoring				
Monthly	12	_____	_____	_____
Quarterly	4	_____	_____	_____
Semi-Annual	2	_____	_____	_____
Annual	1	_____	_____	_____
Subtotal Gas Monitoring:				_____

Description	Sampling Frequency (events/yr.)	Number of Locations	\$/Location/Event	\$/ Year
4. Leachate Monitoring (62-701.510(5), (6)(b) and 62-701.510(8)(c))				
Monthly	12	_____	_____	_____
Quarterly	4	_____	_____	_____
Semi-Annual	2	_____	_____	_____
Annual	1	_____	_____	_____
Other	_____	_____	_____	_____
Subtotal Leachate Monitoring:				_____

DESCRIPTION	UNIT	QUANTITY	UNIT COST	ANNUAL COST
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5. Leachate Collection/Treatment Systems Maintenance

Maintenance

Collection Pipes	LF	_____	_____	_____
Sumps, Traps	EA	_____	_____	_____
Lift Stations	EA	_____	_____	_____
Cleaning	LS	_____	_____	_____
Tanks	EA	_____	_____	_____

Impoundments

Liner Repair	SY	_____	_____	_____
Sludge Removal	CY	_____	_____	_____

Aeration Systems

Floating Aerators	EA	_____	_____	_____
Spray Aerators	EA	_____	_____	_____

Disposal

Off-site (Include Transportation and Disposal)	1000 gallon	_____	_____	_____
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6. Leachate Collection/Treatment Systems Operation

Operation		Hours	\$/Hour	Total
P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR			
Materials	LS			
Subtotal Leachate Collection/Treatment System Maintenance & Operation:				

7. Maintenance of Groundwater Monitoring Wells

Monitoring Wells	LF			
Replacement	EA			
Abandonment	EA			
Subtotal Groundwater Monitoring Well Maintenance:				

DESCRIPTION	UNIT	QUANTITY	UNIT COST	ANNUAL COST
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8. Gas System Maintenance

Piping, Vents	LF			
Blowers	EA			
Flaring Units	EA			
Meters, Valves	EA			
Compressors	EA			
Flame Arrestors	EA			
Operation	LS			
SubTotal Gas System:				

9. Landscape

Mowing	AC			
Fertilizer	AC			
Subtotal Landscape Maintenance:				

DESCRIPTION	UNIT	QUANTITY	UNIT COST	ANNUAL COST
10. Erosion Control & Cover Maintenance				
Sodding	SY	_____	_____	_____
Regrading	AC	_____	_____	_____
Liner Repair	SY	_____	_____	_____
Clay	CY	_____	_____	_____
Subtotal Erosion Control and Cover Maintenance:				_____
11. Storm Water Management System Maintenance				
Conveyance Maintenance	LS	_____	_____	_____
Subtotal Storm Water System Maintenance:				_____
12. Security System Maintenance				
Fences	LF	_____	_____	_____
Gate(s)	EA	_____	_____	_____
Sign(s)	EA	_____	_____	_____
Subtotal Security System:				_____
13. Utilities				
	LS			_____
14. Administrative				
		Hours	\$/Hour	Total
P.E. Supervisor	HR	_____	_____	_____
On-Site Engineer	HR	_____	_____	_____
Office Engineer	HR	_____	_____	_____
OnSite Technician	HR	_____	_____	_____
Other (explain)		_____	_____	_____
Subtotal Administrative:				_____
15. Contingency				
	% of Total	_____	_____	_____
Subtotal Contingency:				_____

16. Site Specific Costs (explain)

UNIT COST

LS

LS

LS

ANNUAL LONG-TERM CARE COST (\$/Year):

NUMBER OF YEARS OF LONG-TERM CARE

TOTAL LONG-TERM CARE COST (\$)

FINANCIAL ASSURANCE COST ESTIMATE FORM INSTRUCTIONS

1.) If a facility is using the current inflation factor to adjust the cost estimates, **ONLY** pages 1 and 2 must be completed. In addition, engineer certification is **NOT REQUIRED** for Part IV when using the inflation factor. When adjusting with the inflation factor, only the signature, name and title, and phone number of the owner/operator are required for Part IV.

2.) If a facility is recalculating the cost estimates using an engineer, pages 1-11 must be completed (exception: Part III{a}).

3.) The Financial Assurance Cost Estimate Form is to be sent to the district office where the facility's permit was issued. A list of these office addresses can be found at the bottom of Page 1.

NOTE: All **financial** documents associated with the facility should be sent to:

Florida Department of Environmental Protection
Attn: Solid Waste Financial Coordinator
2600 Blair Stone Road
MS 4565
Tallahassee, FL 32399-2400