

BENTON COUNTY WASTE TIRE DISTRICT

PROCESSING FACILITY

EMERGENCY PLAN

The purpose of this emergency preparedness plan is to mitigate all fire hazards, and provide for the safety and health of all persons who may be potentially affected by a fire event at the facility. The District will keep this emergency preparedness manual at the site. The manual will be updated at least once a year, upon changes in operations at the site.

GENERAL INFORMATION

This facility is owned and operated by the Benton County Waste Tire District. In case of an emergency, **DIAL 911**. Provide the following information to the dispatcher:

Facility Location: **5804 Brookside Road (at its intersection with Daisy Road), Centerton, AR**

Facility Telephone #: **(479) 795-0751**

Directions to Facility: **From Highway 102 in Centerton, at the traffic signal at South Fish Hatchery road (at McDonald's Restaurant), turn south and travel 1.5 miles to Brookside Road on the left. Turn left onto Brookside and travel approximately ½ mile to Waste Tire Processing Facility. Turn left and travel to building # 3 located mid-way between other buildings on north side of property. The facility is also accessible from Womack Road, then west on Kimmel, then south on Daisy Road.**

Emergency Contact #'s

DIRECTOR - WENDY CRAVENS (479) 366-9368 OR (417) 845-1414

OPERATIONS MANAGER – DALE NEELY (479) 366-3940

OFFICE MANAGER – INA SIMMONS (479) 531-1017

HAZ-MERT HAZARDOUS WASTE COMPANY (479) 621-9707

Facility Operations

This facility processes waste tires by baling the tires into a compressed block. The baler is capable of processing 400 passenger tires per hour. Bales are fastened with 9-gauge wire after compression is completed. The bales are then moved to an outside storage area located at the south side of the property adjacent to Brookside Road.

GENERAL PRECAUTIONS

Facility Signage

A sign legible from a distance of twenty (20) feet will be posted at the entrance of the site stating operating hours, cost of disposal and site rules.

Access to Site

The facility is accessed by paved roads from either the East or West. It is also accessible from a gravel road maintained by the City of Centerton. An approach and all weather access road to the facility will be kept passable for any motor vehicle at all times.

Access to the site is controlled through the use of fences, gates and natural barriers.

Communication Equipment

Communication equipment will be maintained at the facility to ensure that the facility staff can contact local fire protection authorities in the event of fire and to contact other emergency services as needed. All operations personnel will be issued a District-owned cellular telephone with which to report emergencies.
[Reg. 14.1210]

FIRE EMERGENCY EVENTS

The District will maintain records of the quantity of waste tires and processed tires received at the site, stored at the site, and shipped from the site for use by emergency personnel in the event of a tire fire.

The District will immediately notify ADEQ in the event of a fire or other emergency if that emergency has potential off-site effects and will submit a written report within two (2) weeks.

Fire Protection Services

Fire protection services have been requested from the City of Centerton Fire Department through notification to that agency.

Fire Controls

1. No operations involving the use of open flames will be conducted within twenty-five (25) feet of a waste tire pile.
2. The facility will be kept free of grass, underbrush, and other potentially flammable vegetation at all times.
3. Flammable liquids will be stored inside a locking flammables cabinet.
4. A fifty (50) foot wide fire lane will be placed around the perimeter of each waste tire pile in accordance with National Fire Protection Association Standards. Access to the fire lane(s) for emergency vehicles will be unobstructed at all times.

5. Effective surface water run-on/run-off controls, such as berms and ditches, will be provided for all waste tire storage and processing areas to prevent surface water from entering the storage and/or processing area and to prevent liquid runoff from a potential tire fire from leaving the site or entering surrounding water bodies.

Fire Safety Survey

A fire safety survey was obtained from the Benton County Fire Marshall and deficiencies have been corrected as follows

- Baled tires are kept separated from piles of other stored product by at least 40'.
- Fire safety plan is posted and maintained at the facility.
- Storage areas are kept free of combustible ground vegetation (grass and weeds) for a distance of 40' around the bales
- Portable fire extinguishers are mounted in the Baling Operation building.

Temporary Cover – Emergency Event

Temporary cover material may be used or required to mitigate fire hazards or to assist in fire suppression, or for vector control in the event of an emergency situation. The District will properly remove, process or dispose of the subject material within sixty (60) days of such emergency event. Notification will be made to ADEQ in accordance with the facility permit. [Reg.14.1206]

On-Site Emergency Response Resources

Water Supply

An adequate water supply is available for use by the local fire authority through the City of Centerton's Water system.

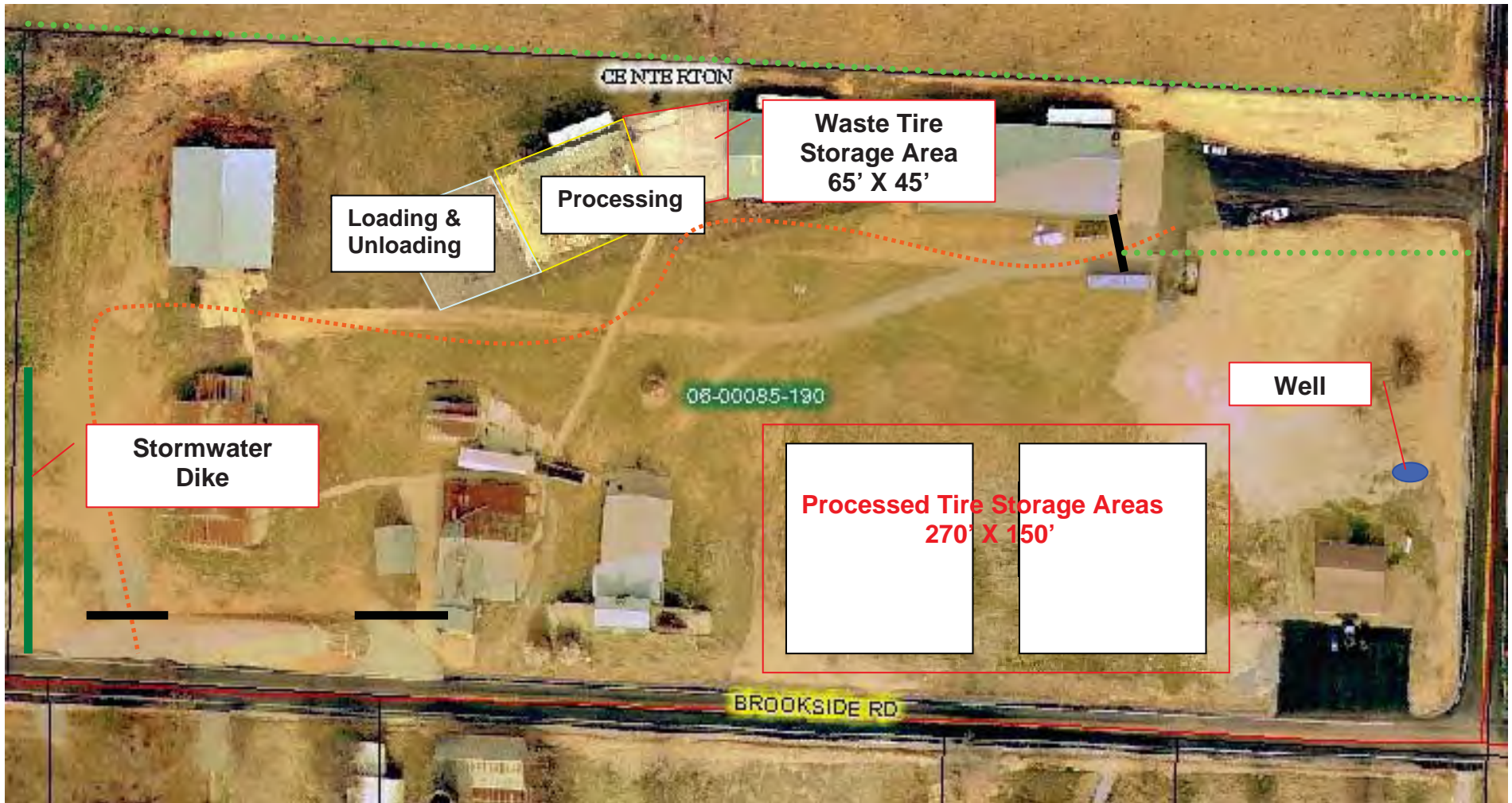
Equipment

A skid-steer loader with bucket attachment is available on-site to assist with placement of temporary cover and to establish surface water run-off controls.

Fire Extinguishers

A minimum of (2) fully charged 20 lb ABC fire extinguishers will be available at the tire baling operation. Two additional fully charged 20 lb ABC fire extinguishers are available at the adjacent material recovery building.

A 5 lb fire extinguisher will be mounted on each piece of mobile equipment.



There are no wetlands or water bodies on this property.

Road	-----
Gates	————
Fence

REVISED SITE PLAN
 Benton County Waste Tire Processing Facility
 Permit Number: RSWMD-BEN AFIN: 04-01048

BENTON COUNTY WASTE TIRE DISTRICT PROCESSING FACILITY OPERATION PLAN

In compliance with PC&E Commission Regulation 14 the Benton County Waste Tire Processing Facility will be operated in the following manner:

FACILITY LOCATION

The Waste Tire Processing Facility will be located at 5804 Brookside Road, Bentonville, AR. The facility will be sited on the Benton County Solid Waste District's property at this location. The entire property encompasses 9 acres m/l and the Processing Facility will utilize approximately 5 acres of this property, including the following: staging area for delivery and sorting of waste tires, processing area and storage of processed material prior to shipment to recycling and/or disposal facilities.

OPERATORS

This facility will employ at least one employee licensed as Level C, Master Solid Waste Facility Operator through ADEQ. All employees with supervisory or decision making duties will be properly licensed.

The facility will be overseen by the District Director, Wendy Cravens, who maintains a Class 1, 2 and 3, Level C License. In addition, the facility supervisor and assistant will obtain Class 3, Level C (Master's) Solid Waste Management Facility Operators License as the earliest possible date.

OPERATION PROCEDURES

Collection Centers

Waste tires are collected in dry van trailers and/or open mesh trailers at various public and private waste tire collection centers throughout Benton County. The trailers are filled by the operators of the collection centers. When a trailer is filled to capacity, the collection center contacts the District to arrange for replacement of the full trailer with an empty trailer.

The District's driver delivers an empty trailer to the collection center and transports the full trailer back to the District's processing facility using District-owned truck and trailers. Trailers are normally replaced within 48-hours of a request for service from a collection center.

District Collection Center

Waste tires are also accepted at the District's collection center during normal business hours from the public, tire dealers and other licensed tire transporters. Waste tires are dropped off onto a concrete slab at the entrance to the processing building. Waste tires will be removed from the slab and processed within 48 hours of delivery.

Processing

Waste tires are removed from the trailers or delivery slab using a skid-steer loader and are sorted by tire type. Tires with rims are placed in an area to await removal of the rims. Oversized tires are stacked in an outside storage area to await transportation to a waste tire landfill. Truck tires are stacked on their end in an inside storage area. Passenger tires are loaded into a conveyor hopper for delivery to the baler.

Typically, two truck tires are loaded into the baler and then approximately 85 passenger tires will be added to the bale. The bales are secured with (5) 9-gauge steel wires specially designed for tire bales.

Finished bales are removed from the baler using a forklift and are then stacked in one of two 50' X 100' outside storage areas. Finished bales are made available to any road authority or other entity with appropriate permitting through ADEQ for use of bales.

STORAGE

Facility will not accept any waste tires for processing if we have reached our storage limit. The storage limit is thirty (30) times the daily capacity of our baler. Our baler is capable of processing 400 tires per hour for a daily capacity of 9,600 tires. Thirty (30) times the daily capacity is 288,000 tires. No more than 288,000 tires waste tires will be stored at the facility. [Reg. 14.1204]

Under extraordinary conditions, such as where a specific project requires a large accumulation of baled or shredded tires to complete an alternative end use project, the facility staff will make a request to ADEQ to increase the storage limit.

Duration

At least seventy-five (75%) percent of both the waste tires and processed tires that are delivered to or that are contained on the site of the waste tire processing facility will either be processed and removed from the facility during the year for disposal or recycling, or disposed of in a permitted solid waste management facility. [Reg. 14.1205]

Indoor Tire Storage

Waste tires stored indoors will be stored under conditions that meet the most current standards published by the National Fire Protection Association. [Reg.14.1401]

Outdoor Above-Ground Tire Storage

(A) Waste tires are not collected and stored without benefit of a container or trailer. Finished bales will be stored in an outside area. The site will be managed in such a way as to divert storm water or flood waters around and away from the storage piles.

(B) Waste tires will be stored separately from used tires, if applicable, in such a manner that is easily recognizable.

(C) An outdoor waste tire pile or processed tire pile will have no greater than the following maximum dimensions:

- (1) Width: fifty (50) feet;
- (2) Length: one-hundred (100) feet; and
- (3) Height: fifteen (15) feet.

(D) A fifty (50) foot wide fire lane will be placed around the perimeter of each waste tire pile. Access to the fire lane for emergency vehicles will be unobstructed at all times. [Reg.14.1402]

VECTOR CONTROL PLAN

This facility has had no issue with mosquitoes and rodents during its operation. Should an issue arise in the future, the District will request control measures from the local mosquito and vector control office, so as to protect the public health and welfare.

Mosquito control measures may include covering containers and trailers used for the collection and storage of waste tires with a tarp or placing them under some type of constructed cover during inclement weather and/or when the business is closed. [Reg.14.1402(E)]

OTHER OPERATION PROCEDURES

A sign legible from a distance of twenty (20) feet will be posted at the entrance of the site stating operating hours, cost of disposal and site rules.

No operations involving the use of open flames will be conducted within twenty-five (25) feet of a waste tire pile.

An approach and all weather access road to the facility will be kept passable for any motor vehicle at all times.

Access to the site will be controlled through the use of fences, gates and natural barriers.

Effective surface water run-on/run-off controls, such as berms and ditches, will be established for all waste tire storage and processing areas to prevent surface water from entering the storage and/or processing area and to prevent liquid runoff from a potential tire fire from leaving the site or entering surrounding water bodies.

Communication equipment will be maintained at the facility to assure that the facility staff can contact local fire protection and emergency authorities in case of a fire.

The facility will be kept free of grass, underbrush, and other potentially flammable vegetation at all times.

The District will keep an emergency preparedness manual at the site. The manual will be updated at least once a year, upon changes in operations at the site.

The District will immediately notify ADEQ in the event of a fire or other emergency if that emergency has potential off-site effects and will submit a written report within two (2) weeks.

Adequate equipment to aid in the control of fires will be provided and maintained at the facility at all times.

The District will maintain records of the quantity of waste tires and processed tires received at the site, stored at the site, and shipped from the site.

The minimum separation distances between exposed buildings and piles or between isolated piles will be in accordance with National Fire Protection Association Standards.

CLOSURE PLAN

Closure Mandate

If the District fails to meet the requirements of Regulation 14, or if this facility will no longer accept, collect or process tires, the facility will be closed within sixty (60) days in accordance with Reg. 14, Chapter 15. [Reg.14.1501]

Closure Plan

In closing this facility, The District will:

- (1) Stop public access to the site by installing cable fencing around the entire perimeter of the waste tire site within 30 days of facility closure.
- (2) Immediately post a notice on all entrance locations indicating the site is closed and the nearest site(s) where waste tires can be deposited.
- (3) Immediately notify ADEQ and any local government having jurisdiction of the onset of closure.
- (4) Remove all waste tires, processed tires and residuals to a permitted waste tire processing facility, permitted solid waste management facility or a legitimate user of waste tires as approved by ADEQ within 90 days.
- (5) Make such repairs to the site to effectively promote surface water flow within 30 days.
- (6) Notify ADEQ when closure is complete and arrange for inspection of the site.
- (7) Seek approval of the closure from ADEQ and release of financial instruments which may have been required to prove financial responsibility.

[Reg.14.1502 thru 1504]

Closure Estimates

The largest volume of processed and/or unprocessed waste tires which would require disposal during the closure of the facility is 288,000 tires. The cost to hire a third party to close the facility as of November 28, 2007 is as follows:

Contractor to load and transport processed and/or unprocessed waste tires	\$15,622.44
Transportation costs to transport tires to processing or disposal site	\$140,648.19
Tipping fees for disposal or recycling (based on \$60.00 ton)	\$174,740.63
TOTAL CLOSURE COSTS ESTIMATE	\$245,651.82

The District will increase the closure cost estimate and the amount of financial assurance provided if changes to the closure plan or permitted facility conditions increase the maximum cost of closure at any time during the remaining active life.

Financial Assurance

Proof of financial responsibility pursuant to this regulation will be proved by use of the Local Government Financial Test as allowed by Regulation Reg.22.1405(e). The requirements of this test are:

(1) Financial Component

(i) The local government owner or operator must satisfy paragraph A - Bond Rating Requirement or paragraph B - Financial Ratio Alternative of this section in order to qualify to use the financial test.

(A) If the owner or operator has outstanding, rated, general obligation bonds that are not secured by insurance, a letter of credit, or other collateral or guarantee, it must have a current rating of Aaa, As, A, or Baa, as issued by Moody's; or AAA, AA, A, or BBB, as issued by Standard and Poor's on all such general obligation bonds; or

(B) The owner or operator must satisfy each of the following financial ratios based on the owner or operator's most recent audited annual financial statement:

a. A ratio of cash plus marketable securities to total expenditures greater than or equal to 0.05; and

b. A ratio of annual debt service to total expenditures less than or equal to 0.20.

(ii) The local government owner or operator must prepare its financial statements in conformity with Generally Accepted Accounting Principles for governments and have its financial statements audited by an independent certified public accountant (or appropriate State agency).

(iii) A local government is not eligible to assure its obligations under this section if it:

(A) Is currently in default on any outstanding general obligation bonds; or

(B) Has any outstanding general obligation bonds rated lower than Baa as issued by Moodys or BBB as issued by Standard and Poores; or

(C) Operated at a deficit equal to five percent or more of total annual revenue in each of the past two fiscal years; or

(D) Receives an adverse opinion, disclaimer of opinion, or other qualified opinion from the independent certified public accountant (or appropriate State agency) auditing its financial statement as required under paragraph Reg.22.1405(f)(1)(ii). However, the Director of an approved State may evaluate qualified opinions on a case-by-case basis and allow use of the financial test in cases where the Director deems the qualification insufficient to warrant disallowance of the use of the test.

(iv) The following terms used in this paragraph are defined as follows:

(A) Deficit equals total annual revenues minus total annual expenditures.

(B) Total revenues include revenues from all taxes and fees but does not include the proceeds from borrowing or asset sales, excluding revenue from funds managed by local government on behalf of a specific third party;

(C) Total expenditures include all expenditures excluding capital outlays and debt repayment;

(D) Cash plus marketable securities is all the cash plus marketable securities held by the local government on the last day of a fiscal year, excluding cash and marketable securities designated to satisfy past obligations such as pensions; and

(E) Debt service is the amount of principal and interest due on a loan in a given time period, typically the current year.

(2) Public Notice Component - The local government owner or operator must place a reference to the closure and post-closure care costs assured through the financial test into its next comprehensive annual financial report (CAFR) after the effective date of this section or prior to the initial receipt of waste at the facility, whichever is later. Disclosure must include the nature and source of closure and post-closure care requirements, the reported liability at the balance sheet date, the estimated total closure and post-closure care cost remaining to be recognized, the percentage of landfill capacity used to date, and the estimated landfill life in years. A reference to corrective action costs must be placed in the CAFR not later than 120 days after the corrective action remedy has been selected in accordance with the requirements of 22.1208. For the first year the financial test is used to assure costs at a particular facility, the reference may instead be placed in the operating record until issuance of the next available CAFR if timing does not permit the reference to be incorporated into the most recently issued CAFR or budget. For closure and post-closure costs, conformance with Government Accounting Standards Board Statement 18 assures compliance with this public notice component.

(3) Recordkeeping and Reporting Requirements

(i) The local government owner or operator must place the following documentation in the facility's operating record and furnish the information to the Director for approval:

(A) A letter signed by the local government's chief financial officer that:

- a. Lists all the current cost estimates covered by a financial test, as described in Reg.22.1405(f)(4) of this section;
- b. Provides evidence and certifies that the local government meets the conditions of Reg.22.1405(f)(1)(i), (f)(1)(ii), and (f)(1)(iii); and
- c. Certifies that the local government meets the conditions of Reg.22.1405(f)(2), and (f)(4).

(B) The local government's independently audited year-end financial statements for the latest fiscal year (except for local governments where audits are required every two years where unaudited statements may be used in years when audits are not required), including the unqualified opinion of the auditor who must be an independent, certified public accountant or an appropriate State agency that conducts equivalent comprehensive audits;

(C) A report to the local government from the local government's independent certified public accountant (CPA) or the appropriate State agency based on performing an agreed upon procedures engagement relative to the financial ratios required by Reg.22.1405(f)(1)(i)(B), if applicable, and the requirements of Reg.22.1405(g)(1)(ii)(C) and (D). The CPA or State agency's report should state the procedures performed and the CPA or State agency's findings; and

(D) A copy of the comprehensive annual financial report (CAFR) used to comply with Reg.22.1405(f)(2) or certification that the requirements of General Accounting Standards Board Statement 18 have been met.

(ii) The items required in Reg.22.1405(f)(3)(i) must be placed in the facility operating record as follows:

(A) In the case of closure and post-closure care, either before the effective date of this section, which is April 9, 1997, or prior to the initial receipt of waste at the facility, whichever is later, or

(B) In the case of corrective action, not later than 120 days after the corrective action remedy is selected in accordance with the requirements of Reg.22.1208

(iii) After the initial placement of the items in the facility's operating record, the local government owner or operator must update the information and place the updated information in the operating record within 180 days following the close of the owner or operator's fiscal year.

(iv) The local government owner or operator is no longer required to meet the requirements of Reg.22.1405(f)(3) when:

(A) The owner or operator substitutes alternate financial assurance as specified in this section; or

(B) The owner or operator is released from the requirements of this section in accordance with Reg.22.1402(b), Reg.22.1403(b), or Reg.22.1404(b).

(v) A local government must satisfy the requirements of the financial test at the close of each fiscal year. If the local government owner or operator no longer meets the requirements of the local government financial test it must, within 210 days following the close of the owner or operator's fiscal year, obtain alternative financial assurance that meets the requirements of this section, place the required submissions for that assurance in the operating record and furnish those submissions to the Director for approval, and notify the Director that the owner or operator no longer meets the criteria of the financial test and that alternate assurance has been obtained.

(vi) The Director, based on a reasonable belief that the local government owner or operator may no longer meet the requirements of the local government financial test, may require additional reports of financial condition from the local government at any time. If the Director of an approved State finds, on the basis of such reports or other information, that the owner or operator no longer meets the requirements of the local government financial test, the local government must provide alternate financial assurance in accordance with this section.

(4) Calculation of Costs to be Assured

The portion of the closure, post-closure care, and corrective action costs for which an owner or operator can assure under this paragraph is determined as follows:

(i) If the local government owner or operator does not assure other environmental obligations through a financial test, it may assure closure, post-closure care, and corrective action costs that equal up to 43 percent of the local government's total annual revenue.

(ii) If the local government assures other environmental obligations through a financial test, including those associated with UIC facilities under 40 CFR Part 280, PCB storage facilities under 40 CFR Part 761, and hazardous waste treatment, storage, and disposal facilities under 40 CFR Parts 264 and 265, it must add those costs to the closure, postclosure care, and corrective action costs it seeks to assure under this paragraph. The total that may be assured must not exceed 43 percent of the local government's total annual revenue.

(iii) The owner or operator must obtain an alternate financial assurance instrument for those costs that exceed the limits set in Reg.22.1405(f)(4)(i) and (ii).