

Department of State  
Division of Publications  
312 Rosa L. Parks, 8th Floor Snodgrass/TN Tower  
Nashville, TN 37243  
Phone: 615.741.2650  
Fax: 615.741.5133  
Email: register.information@tn.gov

For Department of State Use Only

Sequence Number: 07-10-11  
Notice ID(s): 1643-1647  
File Date: 07/19/2011

# Notice of Rulemaking Hearing

Hearings will be conducted in the manner prescribed by the Uniform Administrative Procedures Act, Tennessee Code Annotated, Section 4-5-204. For questions and copies of the notice, contact the person listed below.

**Agency/Board/Commission:** Environment and Conservation  
**Division:** Remediation  
**Contact Person:** Robert L. Powell  
4<sup>th</sup> Floor, L&C Annex  
401 Church Street  
**Address:** Nashville, Tennessee 37243-1538  
**Phone:** (615) 532-0916  
**Email:** [Robert.Powell@tn.gov](mailto:Robert.Powell@tn.gov)

Any Individuals with disabilities who wish to participate in these proceedings (to review these filings) and may require aid to facilitate such participation should contact the following at least 10 days prior to the hearing:

**ADA Contact:** ADA Coordinator  
12<sup>th</sup> Floor, L&C Tower  
401 Church Street  
**Address:** Nashville, Tennessee 37243  
1-866-253-5827 (toll free) or (615) 532-0200  
**Phone:** Hearing impaired callers may use the TN Relay Service 1-800-848-0298  
**Email:** [Beverly.Evans@tn.gov](mailto:Beverly.Evans@tn.gov)

**Hearing Location(s)** (for additional locations, copy and paste table)

Address 1:	17 <sup>th</sup> Floor Conference Room, L&C Tower – Side B		
Address 2:	401 Church Street		
City:	Nashville, Tennessee		
Zip:	37243-1532		
Hearing Date :	09/16/11		
Hearing Time:	9:00 a.m.	<input checked="" type="checkbox"/> CDT	<input type="checkbox"/> EDT

**Additional Hearing Information:**

Oral or written comments are invited at the hearing. In addition, written comments may be submitted to Robert L. Powell at the Division of Remediation, address below, prior to or following the public hearing. However, the Division must receive comments in its Central Office by 4:30 p.m. (CST), September 16, 2011, in order to assure consideration.

Copies of draft rules are available for review in the Public Access Areas of the following Department Environmental Field Offices:

Memphis Environmental Field Office  
8383 Wolf Lake Drive  
Memphis, TN 38133  
(901) 371-3000/ 1-888-891-8332

Cookeville Environmental Field Office  
1221 South Willow Avenue  
Cookeville, TN 38506  
(931) 432-4015/ 1-888-891-8332

Jackson Environmental Field Office  
 1625 Hollywood Drive  
 Jackson, TN 38305  
 (731) 512-1300/ 1-888-891-8332

Chattanooga Environmental Field Office  
 Suite 550 - State Office Building  
 540 McCallie Avenue  
 Chattanooga, TN 37402-2013  
 (423) 634-5745/ 1-888-891-8332

Columbia Environmental Field Office  
 2484 Park Plus Drive  
 Columbia, TN 38401  
 (931) 380-3371/ 1-888-891-8332

Knoxville Environmental Field Office  
 3711 Middlebrook Pike  
 Knoxville, TN 37921-5602  
 (865)594-6035/ 1-888-891-8332

Nashville Environmental Field Office  
 711 R. S. Gass Blvd.  
 Nashville, TN 37243-1550  
 (615) 687-7000/1-888-891-8332

Johnson City Environmental Field Office  
 2305 Silverdale Road  
 Johnson City, TN 37601-2162  
 (423) 854-5400/1-888-891-8332

Copies are available for review also at the Division of Remediation:

Division of Remediation  
 4th Floor, L & C Annex  
 401 Church Street  
 Nashville, TN 37243-1538  
 (615) 532-0916

The "DRAFT" rules may be accessed for review also at the Department's World Wide Web Site located at <http://tn.gov/environment/dor/ppo>.

**Revision Type (check all that apply):**

- Amendment  
 New  
 Repeal

**Rule(s)** (ALL chapters and rules contained in filing must be listed. If needed, copy and paste additional tables to accommodate more than one chapter. Please enter only **ONE** Rule Number/Rule Title per row.)

Chapter Number	Chapter Title
0400-15-01	Hazardous Substance Remedial Action
Rule Number	Rule Title
0400-15-01-.01	Inactive Hazardous Substance Site Remedial Action Program: General
0400-15-01-.02	Definitions
0400-15-01-.03	Remedial Action Fund
0400-15-01-.04	Reserved
0400-15-01-.05	Imminent, Substantial Danger
0400-15-01-.06	Reserved
0400-15-01-.07	Site Promulgation Process
0400-15-01-.08	Remediation Goals
0400-15-01-.09	Remedial Investigation and Feasibility Study
0400-15-01-.10	Remedial Design
0400-15-01-.11	Remedial Action
0400-15-01-.12	Final Operation and Maintenance Plan
0400-15-01-.13	List of Inactive Hazardous Substance Sites

Chapter Number	Chapter Title
0400-15-02	Standards for Testing and Cleaning Quarantined Clandestine Drug Manufacturing Sites
Rule Number	Rule Title
0400-15-02-.01	Standards for Determining Living Space Safe for Human Use
0400-15-02-.02	Use of Qualified Professionals for Sampling and Cleanup

<b>Chapter Number</b>	<b>Chapter Title</b>
0400-15-03	Drycleaner Environmental Response Program
<b>Rule Number</b>	<b>Rule Title</b>
0400-15-03-.01	Drycleaner Environmental Response Program: General
0400-15-03-.02	Definitions
0400-15-03-.03	Registration, Fees and Surcharges, Certificate Issuance
0400-15-03-.04	Best Management Practices
0400-15-03-.05	Qualifications and Procedures for Environmental Response Activities
0400-15-03-.06	Withdrawing an Applicant's Grant of Approval
0400-15-03-.07	Reserved for Cleanup Goals / Cleanup Actions
0400-15-03-.08	Administrative Guidelines for the Tennessee Drycleaner
0400-15-03-.09	Contractors
0400-15-03-.10	Enforcement

<b>Chapter Number</b>	<b>Chapter Title</b>
1200-01-13	Hazardous Substance Remedial Action
<b>Rule Number</b>	<b>Rule Title</b>
1200-01-13-.01	Inactive Hazardous Substance Site Remedial Action Program: General
1200-01-13-.02	Definitions
1200-01-13-.03	Remedial Action Fund
1200-01-13-.04	Reserved
1200-01-13-.05	Imminent, Substantial Danger
1200-01-13-.06	Reserved
1200-01-13-.07	Site Promulgation Process
1200-01-13-.08	Remediation Goals
1200-01-13-.09	Remedial Investigation and Feasibility Study
1200-01-13-.10	Remedial Design
1200-01-13-.11	Remedial Action
1200-01-13-.12	Final Operation and Maintenance Plan
1200-01-13-.13	List of Inactive Hazardous Substance Sites

<b>Chapter Number</b>	<b>Chapter Title</b>
1200-01-17	Drycleaner Environmental Response Program
<b>Rule Number</b>	<b>Rule Title</b>
1200-01-17-.01	Drycleaner Environmental Response Program: General
1200-01-17-.02	Definitions
1200-01-17-.03	Registration, Fees and Surcharges, Certificate Issuance
1200-01-17-.04	Best Management Practices
1200-01-17-.05	Qualifications and Procedures for Environmental Response Activities
1200-01-17-.06	Withdrawing an Applicant's Grant of Approval
1200-01-17-.07	Reserved for Cleanup Goals / Cleanup Actions
1200-01-17-.08	Administrative Guidelines for the Tennessee Drycleaner
1200-01-17-.09	Contractors
1200-01-17-.10	Enforcement

<b>Chapter Number</b>	<b>Chapter Title</b>
1200-01-19	Standards for Testing and Cleaning Quarantined Clandestine Drug Manufacturing Sites
<b>Rule Number</b>	<b>Rule Title</b>
1200-01-19-.01	Standards for Determining Living Space Safe for Human Use
1200-01-19-.02	Use of Qualified Professionals for Sampling and Cleanup

(Place substance of rules and other info here. Statutory authority must be given for each rule change. For information on formatting rules go to <http://tn.gov/sos/rules/1360/1360.htm>)

## Repeals

Chapter 1200-01-13 Hazardous Substance Remedial Action is repealed.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

Chapter 1200-01-17 Drycleaner Environmental Response Program is repealed.

Authority: T.C.A. §§ 68-217-101, et seq. and 4-5-201 et seq.

Chapter 1200-01-19 Standards for Testing and Cleaning Quarantined Clandestine Drug Manufacturing Sites is repealed.

Authority: T.C.A. §§ 68-212-501, et seq. and 4-5-201 et seq.

## New Rule

### Chapter 0400-15-01 Hazardous Substance Remedial Action

#### Table of Contents

0400-15-01-.01 Inactive Hazardous Substance Site Remedial Action Program: General  
0400-15-01-.02 Definitions  
0400-15-01-.03 Remedial Action Fund  
0400-15-01-.04 Reserved  
0400-15-01-.05 Imminent, Substantial Danger  
0400-15-01-.06 Reserved  
0400-15-01-.07 Site Promulgation Process  
0400-15-01-.08 Remediation Goals  
0400-15-01-.09 Remedial Investigation and Feasibility Study  
0400-15-01-.10 Remedial Design  
0400-15-01-.11 Remedial Action  
0400-15-01-.12 Final Operation and Maintenance Plan  
0400-15-01-.13 List of Inactive Hazardous Substance Sites

0400-15-01-.01 Inactive Hazardous Substance Site Remedial Action Program: General.

#### (1) Purpose

The purpose of these rules is to set standards for regulating inactive hazardous substance sites located in the State of Tennessee. These rules are issued by the Solid Waste Board under the Authority of Part 2 of the "Hazardous Waste Management Act" (T.C.A. §68-212-201 et seq.) The rules shall apply to sites that are inactive and pose or may reasonably be anticipated to pose a danger to public health, safety, or the environment as a result of the presence of a hazardous substance(s).

#### (a) These rules address the following items:

1. Establishment of criteria, guidelines, limitations, and methodology for the effective investigation and remediation of hazardous substance sites.
2. Establishment of a system and schedule for the collection of fees.
3. Guidelines and methodology for the recovery of monies expended as a result of activities performed by the Department on inactive hazardous substance sites.

0400-15-01-.02 Definitions.

- (1) Unless otherwise defined in this rule, the definitions found in paragraph (2) of Rule 0400-12-01-.01, "Hazardous Waste Management System: General", shall apply when those terms are used in this chapter. In addition, when used in this chapter, the following terms have the meanings given below:
- (a) "Act" means the Tennessee Hazardous Waste Management Act of 1983 (T.C.A. Title 68, Chapter 212, Part 2; enacted as Chapter 423 of the Public Acts of 1983).
  - (b) "Acute Hazardous Waste" means those wastes defined in subpart (2)(b)1(ii) of Rule 0400-12-01-.02.
  - (c) "Applicable Requirements" means those cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance found at a CERCLA or hazardous substance site.
  - (d) "Aquifer" means a geologic formation, group of formations, or part of a formation capable of yielding a significant amount of ground water to wells or springs.
  - (e) "Area of Contamination" means the horizontal and vertical extent of contamination in air, soils, sediment, drinking water supply, surface water, ground water, subsurface strata, or on the land surface occurring or originating at a hazardous substance site.
  - (f) "CERCLA" is the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. (42 USC).
  - (g) "Clean up" shall be defined as the clean up or removal of released hazardous substances from the environment, such actions as may be necessarily taken in the event of the release or threat of release of hazardous substances into the environment, such actions as may be necessary to monitor, assess, and evaluate the release or threat of release of hazardous substances, the disposal of removed material or the taking of such other actions as may be necessary to prevent, minimize, or mitigate damage to the public health, or welfare or to the environment, which may otherwise result from a release or threat of release. The term includes, in addition, without being limited to, security fencing or other measures to limit access, provision of alternative water supplies, and temporary evacuation and housing of threatened individuals.
  - (h) "Contaminant" means pollutant.
  - (i) "Control Background" means the concentration of hazardous substances consistently present in the environment due to long term localized industrial or commercial activities.
  - (j) "Department" means the Department of Environment and Conservation.
  - (k) "Disposal" means the discharge, deposit, injection, dumping, spilling, leaking or placing of any hazardous substance into or on any land, water or air so that such hazardous substance or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.
  - (l) "Feasibility Study" or "FS" means a study to develop and evaluate options for remedial action. The Feasibility Study emphasizes data analysis and is generally performed concurrently and in an interactive fashion with the Remedial Investigation using data gathered during the Remedial Investigation. The Remedial Investigation data are used to define the objectives of the response action, to develop remedial action alternatives, and to undertake an initial screening and detailed analysis of the alternatives. The term also refers to a report that describes the results of the study.
  - (m) "Fund" means the Hazardous Waste Remedial Action Fund created by the Act.

- (n) “Generator” means any person whose act or process produces hazardous substance or whose act first causes a hazardous substance to become subject to regulation.
- (o) “Ground water” or “Groundwater” means water below the land surface in a zone of saturation.
- (p) “Hazardous Substance” is defined as such term is defined in Section 101 of Public Law 96-510.
- (q) “Hazardous Substance Site” means any site or area where hazardous substance disposal has occurred.
- (r) “Hazardous Waste Remedial Action Fund” (Fund) means that fund described in T.C.A. § 68-212-204.
- (s) “Natural Background” means the concentration of hazardous substance consistently present in the environment which has not been influenced by localized human activities.
- (t) “Person” means an individual, trust, firm, joint stock company , corporation (including a government corporation), partnership, association, state, municipality, commission, political subdivision of a state, any interstate body, and governmental agency of this state and any department, agency, or instrumentality of the executive, legislative, and judicial branches of the Federal government.
- (u) “Pollutant” shall include, but not be limited to, any element, substance, compound, or mixture, including disease causing agents, which after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingesting through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions (including malfunctions in reproduction), or physical deformation in such organisms or their offspring.
- (v) “Preliminary Remediation Goals” means a site specific standard based on Applicable Requirements, Relevant and Appropriate Requirements, and/or Background Concentrations for sites which do not require a feasibility study or for interim actions conducted prior to completion of the feasibility study. If the Department suspects background concentrations do not protect public health, safety, and the environment, the Department may require the assessment of risk posed by background concentrations of the hazardous substance(s) to be included in the determination of the preliminary remediation goals.
- (w) “Promulgated List” is the List of Inactive Hazardous Substance Sites required by T.C.A. § 68-212-206(e).
- (x) “Publicly Owned Treatment Works” or “POTW” means a treatment works as defined by Section 212 of the Clean Water Act, which is owned by a State or municipality (as defined by Section 502(4) of the Clean Water Act).
- (y) “Record of Decision” or “ROD” is that document that provides the official decision on the final alternative for site cleanup. It includes an explanation of the reasons for choosing that alternative and details any conditions or standards that must be met.
- (z) “Release” means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant).
- (aa) “Relevant and appropriate requirements” means those cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that, while not “applicable” to a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a CERCLA or hazardous substance site, address as problems or situations sufficiently similar to those encountered at the hazardous substance or CERCLA site so that their use is well suited to the particular site.

- (bb) “Remedial Investigation” or “RI” means a process to determine the nature and extent of the problem. The remedial investigation emphasizes data collection and site characterization, and is generally performed concurrently and in an interactive fashion with the feasibility study. The remedial investigation includes sampling and monitoring, as necessary, and includes the gathering of sufficient information, to determine the necessity for remedial action and to support the evaluation of remedial alternatives.
- (cc) “Remediation Goal” means a site specific standard based on applicable requirements, relevant and appropriate requirements, background concentrations and/or risk assessment for sites where a risk assessment and feasibility study have been completed.
- (dd) “Remedy or Remedial Action” (RA) means those actions consistent with a permanent remedy taken instead of, or in addition to a removal action. The term includes, but is not limited to, such actions as storage, confinement, perimeter protection using dikes, trenches, or ditches, clay cover, neutralization, cleanup of released hazardous substances and associated contaminated materials, recycling or reuse, diversion, destruction, segregation of reactive wastes, dredging or excavations, repair or replacement of leaking containers, collection of leachate and runoff, on-site treatment or incineration, provision of alternative water supplies, any monitoring reasonably required to assure that such actions protect the public health, safety, and the environment and, where appropriate, post-removal site control activities. This term also includes, but is not necessarily limited to the off-site transport and off-site storage, treatment, destruction, or secure disposition of hazardous substances and associated contaminated materials.
- (ee) “Removal” means the cleanup or removal of hazardous substances from the environment; such actions as may be necessarily taken in the event of the threat of release of hazardous substances into the environment; such actions as may be necessary to monitor, assess, and evaluate the release or threat of release of hazardous substances; the disposal of removed material; or the taking of such other actions as may be necessary to prevent, minimize, or mitigate damage to the public health, safety, or environment which may otherwise result from a release or threat of release.
- (ff) “Response” means a clean up, remedial action, remedy, remedial investigation, or any other action taken by the Department in furtherance of the purpose of the Act and/or these rules.
- (gg) “Responsible party” means liable party.
- (hh) “Risk Assessment” means a qualitative and quantitative process to characterize the nature and magnitude of risks to public health, safety, and the environment from exposure to hazardous substances released from specific sites.
- (ii) “Solid Waste Disposal Control Board” or “Board” means the solid waste disposal control board as established by T.C.A. § 68-211-111, unless otherwise indicated.
- (jj) “Surface water” means lakes, rivers, ponds, streams, inland water, and all surface waters and water courses within the State of Tennessee or under the jurisdiction of the State of Tennessee.
- (kk) “UAPA” or “Uniform Administrative Procedures Act” means that Act promulgated as T.C.A. § 4-5-201 et seq.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.03 Remedial Action Fund.

- (1) Fees
  - (a) General
    - 1. Purpose

The purpose of this rule is to establish a system and schedule whereby certain fees are collected by the State for deposit in the Hazardous Waste Remedial Action Fund.

2. Applicability

This rule applies to the persons and facilities specified in subpart (i) through (vi) of this part. For purposes of this paragraph "Generator" as defined in T.C.A. § 68-212-203 means any person, by site, whose act or process produces hazardous waste waters or hazardous wastes identified or listed in Rule 0400-12-01-.02 or whose act first causes a hazardous waste or hazardous waste waters to become subject to regulation, and "generation" means the act or process of producing hazardous wastes and/or hazardous waste waters.

- (i) Persons who have generated hazardous waste in quantities of 1200 kg or more during the prior calendar year.
- (ii) Persons who are issued a hazardous waste transporter permit under the "Tennessee Hazardous Waste Management Act", T.C.A. § 68-212-101 et seq.
- (iii) Persons who have shipped 1200 kg or more of hazardous waste off-site for treatment or disposal.
- (iv) Out-of-state generators who treat or dispose of hazardous waste in Tennessee at a commercial facility. Such persons shall be subject to the off-site shipping fees as described in part (c)3 of this paragraph.
- (v) Persons who ship hazardous wastewaters off-site for treatment or disposal.
- (vi) Commercial facilities that receive wastes from out-of-state for treatment or disposal are responsible for collection of certain fees described in part (c)3 of this paragraph.

3. Payment of Fees

Any person assessed a fee under this rule must submit the fee in the specified amount to the State of Tennessee. The Department may, by notice to such persons prior to the date due, further specify the manner of payment. Checks are to be made payable to the State of Tennessee.

(b) Generation Fee - Amount and Manner of Assessment

Generators subject to this rule shall pay a fee based on the total amount of hazardous waste generated in the previous calendar year calculated on an as-generated (wet weight) basis in accordance with the following:

Amount of Hazardous Waste Generated in 2010 and each year thereafter	Fee (\$)
less than 2,645 lbs (less than 1,200 kg)	\$0
2,645 – 7,334 lbs (1,200 – 3,326 kg)	\$865
7,335 – 237,418 lbs (3,327 - 107,692 kg)	\$0.117935 per lb (\$.26 per kg)
237,419 lbs or more (107,693 kg or more)	\$28,500

(c) Off-Site Shipment Fee

1. Hazardous Waste

Any generator of twelve hundred (1200) kg or greater per year who shipped hazardous waste (excluding hazardous wastewater) off-site for treatment or disposal during the

calendar year is hereby assessed an off-site shipping fee in accordance with the following:

Amount of Hazardous Waste Shipped in 2010 and each year thereafter	Fee (\$)
	\$.0209437 per kg (\$19.00 per ton)

For purposes of assessing this fee, any hazardous waste, excluding hazardous wastewater, which was shipped off-site, shall be considered to have been shipped off-site for treatment or disposal.

2. Hazardous Wastewater

Any generator of twelve hundred (1200) kg or greater per year who shipped "hazardous wastewater", per T.C.A. § 68-212-203, off-site for treatment and disposal during the calendar year shall pay an off-site shipping fee in accordance with the following:

Amount of Hazardous Wastewater Shipped in 2010 and each year thereafter	Fee (\$)
	\$.01047185 per kg (\$9.50 per ton)

3. Out-of-state generators who treat or dispose of hazardous wastes at any commercial facility located in Tennessee shall be subject to the off-site shipping fees levied by parts 1 and 2 of this subparagraph.

- (i) The commercial facility to which the waste is shipped for treatment or disposal shall be responsible for collecting the off-site shipping fee and remitting it to the State by June 15th of each year.
- (ii) For the purposes of compensating the commercial facility in accounting for and remitting this fee, the commercial facility shall be allowed a deduction of two percent (2%) of the total amount due the State. No deduction shall be allowed if any portion of the payment is delinquent.
- (iii) Commercial facilities shall collect off-site shipping fees from out-of-state generators beginning July 1, 1994.
- (iv) Any out-of-state generator desiring to claim that they generated less than 1200 kg of hazardous wastes per year and that they are therefore excluded from payment of this fee or to claim that they have previously paid the maximum fee in accordance with part 4 of this subparagraph, shall so certify to all receiving Tennessee facilities.

4. The maximum annual off-site shipping fee levied by parts 1, 2, and 3 of this subparagraph due from any single generator shall be sixty-five thousand dollars (\$65,000) for waste shipped in 2011, and each year thereafter.

(d) Excluded Waste

1. For purposes of determining the amount of waste generated under subparagraph (b) of this paragraph and the amount of waste shipped off-site for treatment and/or disposal under subparagraph (c) of this paragraph, the wastes listed below shall be excluded.

- (i) Waste which is exempted from regulation under subparagraph (1)(a) of Rule 0400-12-01-.02, subparts (1)(d)2(xiii), (xiv), (xv), and (xvi) of Rule 0400-12-01-.02, part (1)(d)3 of Rule 0400-12-01-.02, subpart (1)(a)4(ii) of Rule 0400-12-01-.04, and wastes delisted in accordance with 40 CFR 260.22.
- (ii) Waste which was discharged directly to any publicly owned treatment works (POTW), or any wastewater treatment plant permitted pursuant to Section 402 of the Federal Clean Water Act as amended (Public Law 92-500) or the Tennessee

Water Quality Control Act, T.C.A. §69-3-101 et seq., (this includes permitted on-site wastewater treatment plants that discharge into the sewer system of a publicly owned treatment works). Wastes that generators transport off-site to a commercial facility which discharges to a publicly owned treatment works or a publicly owned wastewater treatment plant are not excluded from the amount of waste generated.

- (iii) Sludge from any publicly owned treatment works located in the state.
  - (iv) Bottom boiler ash and flyash from incinerators which process solely municipal waste.
  - (v) Hazardous waste or hazardous waste sludges produced as a result of on-site treatment of hazardous waste if the waste being treated is subject to fees under this rule. If the waste being treated is excluded from fees under this rule, the sludge resulting from the treatment of said waste is not excluded from these fees.
  - (vi) Wastes which have been recycled on-site or transported off-site to be recycled, as the term "recycled" is defined in part (1)(a)3 of Rule 0400-12-01-.02.
  - (vii) Hazardous wastes resulting from a spill (e.g. by a transporter in transit) of a hazardous waste or other material which, when spilled, becomes a hazardous waste.
  - (viii) Hazardous wastes generated from remediation or corrective actions required by the Tennessee Hazardous Waste management Act of 1977 and 1983; the Resource Conservation and Recovery Act (42 U.S.C. 6901 et seq.); and the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. 9601 et seq.).
  - (ix) Hazardous wastes resulting from the removal and associated clean-up of an underground storage tank that previously contained a hazardous waste or other material which, when discarded, leaked or spilled, becomes a hazardous waste.
2. A person whose waste generation is excluded or reduced pursuant to part 1 of this subparagraph shall meet the generator annual reporting requirements of subparagraph (5)(b) of Rule 0400-12-01-.03.

(e) Hazardous Waste Transporter Fee

Each person issued a hazardous waste transporter permit pursuant to the Tennessee Hazardous Waste Management Act, T.C.A. § 68-212-101 et seq., is hereby assessed a fee of six hundred and fifty dollars (\$650).

(f) Due Date of Fees, Reporting Requirements

- 1. All remedial action fees from in-state generators shall be paid to the Department on or before June 15th of each year.
- 2. Commercial facilities collecting off-site shipping fees from out-of-state generators shall pay such fees to the Department on or before June 15th of each year.
- 3. Transporters issued a transporter permit for any year prior to 1995 shall pay the assessed fee on or before the October 15th that immediately follows the issuance of the permit, if the fee was not paid upon issuance.
- 4. Hazardous waste transporters renewing permits shall pay the fee assessed by subparagraph (e) of this paragraph at the time the permit is issued.

5. If any part of any fee imposed pursuant to T.C.A. § 68-212-201 et seq. is not paid on or before the due date, the person or persons failing to pay such fee shall be subject to the following:
  - (i) The assessment of interest in an amount equal to that allowed in T.C.A. § 47-14-103(3); and/or
  - (ii) A civil penalty not to exceed ten thousand dollars (\$10,000) for each day of violation or an amount equal to 5 percent (5%) per month of any unpaid balance, whichever is less.
  
6. The Remedial Action Fee Report and supporting documentation consisting of copies of the Hazardous Waste Stream Reports and Off-Site Shipping Reports must be submitted to the department by generators of hazardous waste and hazardous waste waters by March 1st of each year.
  - (i) Supporting documentation must be returned by all persons that generated and/or shipped 1200 kg or more of hazardous waste or hazardous wastewaters in the prior calendar year.
  - (ii) Any person generating and/or shipping 1200 kg or more of hazardous waste or hazardous wastewaters who fails to submit the Remedial Action Fee Report and supporting documentation by April 1st of each year shall be subject to the assessment of a civil penalty of not less than five hundred dollars (\$500) and not more than ten thousand dollars (\$10,000) per day.

(2) Cost Recovery

- (a) T.C.A. § 68-212-207 provides for the recovery of costs incurred as a result of investigation, identification, containment and cleanup, including monitoring and maintenance, of a hazardous substance site from an identified liable party or parties.
- (b) Liable parties, shall be responsible for their apportioned share of costs incurred by the State of Tennessee as a result of a response. Where costs are incurred by the State on any site, a liable party is subject to an action by the State for the recovery of direct, indirect and actual administrative/overhead expenses. Indirect and overhead charges shall be calculated and assessed on outstanding balances at the time of issuance for each billing. Monies received as payment on the part of a liable party shall be credited towards said party's share of the costs.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.04 Reserved.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.05 Imminent, Substantial Danger.

(1) Purpose

The purpose of this rule is to establish criteria to be used in determining when inactive hazardous substance sites constitute an imminent, substantial danger. This rule also establishes procedures to be followed when such a determination has been made.

(2) Definition

"Inactive hazardous substance sites that constitute an imminent, substantial danger" is an inactive hazardous substance site where there is a threat of danger to the public health, safety, or environment which is both real and presently existing. Such situations may include, but are not limited to one or more of the following: an immediate action is necessary to minimize an ongoing threat to the public health or pollution of the environment, an inactive hazardous substance site where there is an active release,

where direct access to the hazardous substance is not controlled, or where incompatible hazardous substances are found in close proximity.

(3) Procedure

- (a) When the Commissioner determines that an inactive hazardous substance site constitutes an imminent, substantial danger to the public health, safety, or environment, he may immediately undertake such actions as are necessary to abate the imminent and substantial danger.
- (b) Actions taken by the Commissioner to abate an imminent and substantial danger may be taken whether or not the site is listed in Rule 0400-15-01-.13 and whether or not a Commissioner's Order has been issued.
- (c) As soon as practicable after an imminent and substantial danger has been abated, the Commissioner shall formalize his or her finding that the site constituted an imminent and substantial danger in a memorandum which sets forth, in a short and plain statement, the conditions which lead to his finding.

0400-15-01-.06 Reserved.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.07 Site Promulgation Process.

(1) Purpose

The purpose of this rule is to define the process for adding sites to and deleting sites from the List of Inactive Hazardous Substance Sites found in Rule 0400-15-01-.13.

(2) Criteria for Adding Sites to the List of Inactive Hazardous Substance Sites

In order for a site to be eligible for listing, the site shall:

- (a) Be inactive;
- (b) Have the presence of hazardous substances; and
- (c) Pose or may reasonably be anticipated to pose a threat to public health, safety, or the environment.

(3) Criteria for Deleting Sites from the List of Inactive Hazardous Substance Sites

In order for a promulgated site to be removed from the List, the following shall have occurred:

- (a) The hazardous substances which posed or may have posed a threat to human health or the environment have to the satisfaction of the Commissioner been removed/stabilized or determined to no longer pose a threat;
- (b) All relevant site characteristics, including, but not limited to, migration pathways, have been evaluated and either no longer pose a threat to human health or the environment, or have been remediated or any such threat is being controlled by other means, such as institutional controls, to the satisfaction of the Commissioner;
- (c) The site will require no long term monitoring and maintenance activities, or financial assurance for the costs of these activities has been established in a form, amount, and manner acceptable to the Commissioner;
- (d) All monitoring wells, etc., that serve as potential sources or routes for future contamination have been properly abandoned, protected, or otherwise accounted for; and
- (e) All state cost recovery issues have been resolved to the satisfaction of the Commissioner.

(4) Frequency of Amendment of the List

Whenever necessary to protect the public health, safety or environment, but at least annually, the Commissioner shall propose and the Board shall promulgate any necessary revisions to the List of Inactive Hazardous Substance Sites.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.08 Remediation Goals.

(1) Purpose and Objectives

(a) Purpose

The purpose of this rule is to provide remediation goals for hazardous substance remediation under Chapter 0400-15-01.

(b) Objective

The objective of this rule is to develop consistent procedures for the development and usage of remediation goals.

(2) General

These rules provide two basic approaches for establishment of preliminary remediation goals associated with the remedial investigation in part (2)(a)2 of Rule 0400-15-01-.09. These approaches include the determination of Applicable or Relevant and Appropriate Requirements (ARARs) and Background Concentrations. Preliminary remediation goals may be used to determine whether the Department currently considers a specific concentration of a contaminant as an unreasonable risk to public health, safety, or the environment (e.g., water quality criteria based on protection of aquatic organisms in surface water) or to help evaluate whether an exposure pathway for a specific contaminant is of concern (e.g., whether a specific concentration of a contaminant in soil has potential to leach to ground water). Preliminary remediation goals developed through the review of ARARs and background concentrations may be used to determine if the concentrations of hazardous substances are a regulatory concern, or as remediation goals for interim actions. If a Feasibility Study is required for the evaluation of alternative clean-up actions under paragraph (3) of Rule 0400-15-01-.09, then a risk assessment as specified in paragraph (5) of this rule is to be included in the feasibility study. The detail of the risk assessment shall be commensurate to the potential exposure and risk to human health and the environment. These rules allow for final remediation goals to be established, subject to Department approval, using either ARARs, background concentrations, a site-specific risk assessment or a combination of ARARs, background concentrations, and a site specific risk assessment.

(3) Applicable or Relevant and Appropriate Requirements (ARARs)

Responsible parties shall perform a survey to identify all Applicable or Relevant and Appropriate Requirements (ARARs). ARARs are categorized as follows:

(a) Chemical specific requirements

These requirements define acceptable levels of hazardous substances for remediation planning purposes. Advisories, criteria, guidance, rules, or laws specified by the Department and the following shall be evaluated for applicability as chemical specific requirements. Where several chemical specific ARARs exist for the same compound by media, the ARARs with the smallest concentration shall apply.

1. For ground water contamination evaluate the following:

- (i) Ground water used or classified as drinking water, domestic or residential water supply:

- (I) Specific criteria for domestic water supply as promulgated by the Water Quality Control Board;
  - (II) Maximum Contaminant Levels (MCL's) and action levels established under the Federal Safe Drinking Water Act in 40 C.F.R. §141 as amended. (See Table 8-1);
  - (III) When MCL's are not available, Secondary Maximum Contaminant Levels (SMCL's) established under the Federal Safe Drinking Water Act in 40 C.F.R. §141 as amended. (See Table 8-1);
  - (IV) When MCL's and SMCL's are not available, guidance such as concentrations meeting criteria for action levels under proposed 40 C.F.R. 264 Subpart S (Federal Register July 27, 1990) may be used;
  - (V) Concentration limits listed in Table 1 of subparagraph (6)(e) of Rule 0400-12-01-.06; or
  - (VI) Concentration Limits identified for the facility in a facility permit issued under Rule 0400-12-01-.07 requiring compliance with subparagraphs (6)(c) through (f) of Rule 0400-12-01-.06.
- (ii) Ground water not used or classified as drinking water, domestic, or residential water supply:
    - (I) Water quality criteria for ground water as promulgated by the Water Quality Control Board; or
    - (II) Concentration Limits identified for the facility in a facility permit issued under Rule 0400-12-01-.07 requiring compliance with subparagraphs (6)(c) through (f) of Rule 0400-12-01-.06.
  - (iii) Ground water which recharges surface water:
    - (I) Water quality criteria for ground water as promulgated by the Water Quality Control Board; or
    - (II) Concentration limits identified for the facility in a facility permit issued under Rule 0400-12-01-.07 requiring compliance with subparagraphs (6)(c) through (f) of Rule 0400-12-01-.06.
2. For soil exemption criteria and preliminary remediation goals evaluate the following:  
Reserved.
  3. Sediment  
Reserved.
  4. Air - For air evaluate the following:
    - (i) Fugitive dust control as required under the "Tennessee Air Pollution Control Act" (TAPCA) and regulations.
    - (ii) Visible standards as required under the TAPCA and regulations.
    - (iii) Volatile organic compound emission standards required under the TAPCA and regulations.
  5. Surface Water - For surface water evaluate the following:

- (i) Water quality criteria and highest beneficial use of receiving stream determined by the Water Quality Control Board. The contaminant or sediment load which a stream can carry as determined by the Division of Water Pollution Control. Likewise, for a specific site, the Division of Water Pollution Control may determine surface water runoff or effluent concentration standards or limits. Standards or limits established by the Division of Water Pollution Control shall be considered as ARARs.
- (ii) Water quality criteria based on the protection of aquatic organisms (acute and chronic criteria) and human health published pursuant to section 304(a) of the Federal Water Pollution Control Act.
- (iii) If the surface water is classified for drinking water, the following shall also be evaluated as ARARs:
  - (I) Maximum Contaminant Levels (MCL's) and action levels established under the Federal Safe Drinking Water Act in 40 C.F.R. §141, as amended. (See Table 8-1),
  - (II) When MCL's are not available, Secondary Maximum Contaminant Levels (SMCL's) established under the Federal Safe Drinking Water Act in 40 C.F.R. §141 as amended. (See Table 8-1),
  - (III) When MCL's and SMCL's are not available, guidance such as concentrations meeting criteria for action levels under proposed 40 C.F.R. §264 Subpart S (Federal Register July 27, 1990) may be used.

(b) Location specific requirements

Location specific requirements set restrictions on activities within specific locations such as flood plains or wetlands.

(c) Action specific requirements

Action specific requirements set restrictions for particular treatment and disposal activities.

(4) Background Concentrations

Responsible parties shall establish background concentrations of the contaminants at the site. Background contaminant levels for the media of concern must be determined in a similar area, in close proximity, and, to the extent possible, in an area unaffected by a site or contamination. This background may be a natural background in relatively non-industrialized or non-commercial areas or control background in industrialized or commercial areas where natural background concentrations are not attainable due to long term industrial or commercial activities. Where background concentrations protect public health, safety, and the environment, remediation goals will not be established by the Department less than the corresponding natural background or control background levels. If the Department has reason to suspect background concentrations do not protect public health, safety, and the environment, the Department may require the liable party to assess the risk posed by background concentrations of the hazardous substance.

(a) Natural background levels shall be determined by one of the following methods or other methods approved by the Department:

1. Utilization of publicly available historical data where the contaminant of concern is at naturally occurring levels and quality assurance/quality control documentation is available which demonstrates sample reliability;
2. Establishment of the geometric mean of site background through sampling and analytical analysis; or

3. The medium-specific practical quantitation limit, if a background concentration is not quantifiable.
- (b) Control background shall be determined by one of the following methods or other methods approved by the Department:
1. Establishment of the geometric mean of site background through sampling and analytical analysis; or
  2. The medium-specific practical quantitation limit, if a background concentration is not quantifiable.

(5) Risk Assessment

Responsible parties shall propose for Departmental evaluation remediation goals based on human health and environmental risk assessment included in the feasibility study required in paragraph (3) of Rule 0400-15-01-.09.

The Human Health and Environmental Risk Assessment Method is a qualitative and quantitative process to characterize the nature and magnitude of risks to public health, safety, and the environment from exposure to hazardous substances, pollutants, or contaminants released from specific sites. This process may also characterize risks to the environment when the weight of evidence indicates that effects other than toxicity are significant.

(a) Human Health Risk Assessment Method

1. The Human Health Risk Assessment shall include detailed site specific analyses and logical summary of the following unless otherwise approved by the Department:
  - (i) Site History
  - (ii) Data collection
  - (iii) Data evaluation and identification of chemicals of potential concern
  - (iv) Exposure assessment
  - (v) Toxicity assessment
  - (vi) Risk characterization and uncertainty analyses
  - (vii) Calculation of remediation goals for each chemical of concern based on the risk assessment and include in the summary all assumptions used in the calculations.
2. Guidance documents in conducting Human Health Risk Assessments include, but may not be limited to the following:
  - (i) Risk Assessment Guidance for Superfund: Volume 1 Human Health Evaluation Manual (Part A) Interim Final, December 1989; and
  - (ii) Risk Assessment Guidance for Superfund: Volume 1 Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals) OSWER Directive 9285.7-01B, Interim, December 1991.
3. Quantitative techniques of distributional analysis such as Monte Carlo simulations may be utilized in the risk assessment method provided that the reliability of the model and predictions are documented to the satisfaction of the Department. All risk assessments utilizing quantitative techniques shall include uncertainty analyses including, but not limited to the following:

- (i) Parameter uncertainty analysis—Define and provide the rationale for the distribution of all input parameters and the degree of dependence (i.e., covariance) among parameters.
- (ii) Identify and describe all assumptions and incomplete information which have not been taken into account in the quantitative uncertainty analysis.

(b) Environmental Risk Assessment Method

1. Fish and aquatic life

- (i) Identify rare species, proposed and listed endangered or threatened species, and critical habitats which have been identified within a one mile radius of the site perimeter. This requirement is met by including rare species, proposed or listed endangered or threatened species, and critical habitats identified by the Tennessee Wildlife Resource Agency (TWRA), the Department's Division of Ecological Services, and the U.S. Department of Interior Fish and Wildlife Service. Determine if the area possibly impacted by the site contains critical habitats or habitats common to any rare species, or proposed or listed endangered or threatened species.
- (ii) Where there is a release to surface water, evaluate the impact of the site on fish and aquatic life using methods or procedures such as benthic organism studies, toxicity testing, assessing tissue concentrations of chemicals with log of the octanol/water partition coefficient values greater than 3.5, or other methods or procedures approved by the Department to evaluate the impact on fish and aquatic life. Organize the information into a logical form and present both a detailed analysis and a summary of the results, assumptions, uncertainty, incomplete information, and impact.

2. Terrestrial Ecological Assessment

- (i) Identify rare species, proposed or listed endangered or threatened species and critical habitats which have been identified within a one mile radius of the site perimeter. This requirement is met by including all rare species, proposed or listed endangered or threatened species, and critical habitats identified by the Tennessee Wildlife Resources Agency (TWRA), the Department's Division of Ecological Services, and the U.S. Department of Interior Fish and Wildlife Service.
- (ii) Determine if the area possibly impacted by the site contains rare species, proposed or listed endangered or threatened species, or critical habitats.
- (iii) Further assessment may be required by the Department if the Department suspects unacceptable impact or risks to critical habitats, proposed or listed endangered or threatened species habitats, or indicator species within the food web. Further assessment may also be required if contamination originating at the site impacts or potentially impacts public lands including, but not limited to, national parks, national forests, state parks, and state designated wildlife areas. Methods may include, but are not limited to, soil toxicity testing, ecological effects assessments, or determination of bioaccumulation of chemicals in site biota.

(6) Combination Approach

Remediation goals may be established by using a combination of approaches in paragraphs (3) through (5) [e.g., using MCL's for the ground water remediation goal and utilizing the human health and environmental risk assessment approach or the background approach to determine soil remediation goals.]

(7) Department Approval

Approval from the Department must be received before site specific standards or site specific remediation goals become effective.

(8) Points of Compliance

The remediation goal must be met at the appropriate points of compliance at the site as established by the Department after affording a liable party the opportunity to provide input and after undergoing a public participation process (e.g., Public Notice). The location of the points of compliance shall be based on factors including but not limited to the nature of the site and surrounding area, site access, and potential or actual points of exposure. The point of compliance for ground water monitoring at former waste management areas shall generally be a vertical surface located at the hydraulically downgradient limit of the former waste management area that extends down into the upper aquifer underlying the site. Certain site conditions will affect the point of compliance for ground water monitoring. This will vary if the site is located in karst terrain, the water table is located at or below the top of bedrock in an area where the contaminants may be migrating in fracture zones or other conduit flow, or dense nonaqueous phase liquids (DNAPL's) are present. In the valley and ridge province migration along geologic strike must be considered in the determination of what is considered hydraulically downgradient. Soils are normally sampled at locations selected because of site history, or actual or potential human exposure, or environmental receptors. Generally, points of compliance for soil shall include all areas which contain contaminants in excess of remediation goals.

Points of compliance different from those required by the Department can be established by a liable party, pending approval by the Department, after undergoing a public participation process.

(9) Containment

The Department recognizes that selected remedial actions may involve containment of hazardous substances. Any hazardous substance left on-site must be contained within a specified area and be protective of human health and the environment. A compliance monitoring program must be designed to insure the long-term integrity of the containment system. Unless otherwise approved by the Department, a ground water monitoring program approved by the Department shall be required for all areas where containment is a remedial action.

(10) Institutional Controls

Unless otherwise approved or determined by the Department, the following shall apply:

- (a) Institutional controls shall be required whenever a remedial action does not address concentrations of hazardous substances which pose or may pose an unreasonable threat to the public health, safety, or the environment.
- (b) Institutional controls shall be required for all areas where containment is a remedial action or the Department authorizes the discontinuance of pump and treat of ground water prior to attaining remediation goals.
- (c) Institutional controls shall include, at a minimum, deed restrictions for sale and use of property, and securing the area to prevent human contact with hazardous substances which pose or may pose a threat to human health or safety.
- (d) If an institutional control is required at a hazardous substance site as part of the clean up, remedy, or reclamation under TCA § 68-212-201 et seq. or these rules, then the current owner shall notify other liable parties and the Department of any change in use or proposed change in use. Said notification requirement shall be included in the deed notification.

(11) CERCLA Liability

Establishment of remediation goals under these rules and subsequent remediation to those goals may not relieve a liable party from liability under CERCLA including, but not limited to, liability under CERCLA §107(a)(4)(c) concerning damages for injury to, destruction of, or loss of natural resources.

Preliminary Remediation Goals

Chemical/Compound*	Goal	Chemical/Compound*	Goal
2,3,7,8-TCDD (dioxin)	3E-8	Dichloroethylene (1,1-)	0.007
2,4 D	0.07	Dichloroethylene (cis-1,2-)	0.07
2,4,5-TP	0.05	Dichloroethylene (trans-1,2-)	0.1
Alachlor	0.002	Dichloropropane (1,2-)	0.005
.....	.....	Ethylbenzene	
.....	.....	Ethylene dibromide (EDB)	0.00005
.....	.....	Fluoride	4.0
Aluminum	0.2**	Heptachlor	0.0004
Antimony	0.006	Heptachlor epoxide	
Arsenic	0.05	Iron	0.3
Asbestos	7 million fibers/liter	Lead	0.015***
Atrazine	0.003	Lindane	0.0002
Barium	2.0	Manganese	0.05**
Benzene	0.005	Mercury	0.002
Beryllium	0.004	Methoxychlor	0.04
Bromodichloromethane (THM)	0.1	Monochlorobenzene	0.1
Bromoform (THM)	0.1	Nickel	0.1
Cadmium	0.005	Nitrate	10.0
Carbofuran	0.04	Nitrate and Nitrite (total)	10.0
Carbon tetrachloride	0.005	Nitrite	1.0
Chlordane	0.002	Pentachlorophenol	0.001
Chlorodibromomethane (THM)	0.1	Polychlorinated biphenyls (PCB's)	0.0005
Chloroform (THM)	0.1	Selenium	0.05
Chromium	0.1	Silver	0.1**
Copper	1.3**	Styrene	0.1
Cyanide	0.2	Tetrachloroethylene	0.005
Di(2-ethylhexyl)phthalate	0.006	Thallium	0.002
Dichloromethane	0.005	Toluene	1.0
1,2,4-Trichlorobenzene	0.07	Toxaphene	0.003
1,1,2-Trichloroethane	0.005	Trichloroethane (1,1,1-)	0.2
Dalapon	0.2	Trichloroethylene	0.005
Dinoseb	0.007	Trihalomethanes (total)	0.1
Diquat	0.02	Vinyl chloride	0.002
Endothall	0.1	Xylenes (total)	10.0
Endrin	0.002	Zinc	5.0**
Glyphosate	0.7		
Hexachlorobenzene	0.001		
Hexachlorocyclopentadiene	0.05	* All levels in parts per million and are MCL's unless otherwise noted.	
Oxamyl (vydate)	0.2		
Picloram	0.5		
Simazine	0.004	** These are SMCL's.	
Benzo(a) pyrene	0.0002		
Di(2-ethylhexyl)adipate	0.4		
Dibromochloropropane (DBCP)	0.0002	*** Lead is an action level rather than a MCL.	
Dichlorobenzene o-,m-	0.6		
Dichlorobenzene p-	0.075		
Dichloroethane (1,2-)	0.005		

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.09 Remedial Investigation and Feasibility Study.

(1) Purpose and Scope

The purpose of a remedial investigation and feasibility study (RI/FS) is to investigate, collect, develop and evaluate the required information regarding a site to support the selection of a remedy that protects human health, public welfare and the environment. The scope of the RI/FS is site specific and will depend on the amount and quality of available information. As new information becomes available, the scope may be reevaluated and, if appropriate, modified. Remedial Investigations and Feasibility Studies conducted pursuant to the requirements of CERCLA at 40 C.F.R. 300 will be deemed to meet the requirements of this rule.

(2) Remedial Investigation

(a) Initial Investigation

Initial planning of the RI process is required. Many of the initial planning steps are continued and refined in later phases of the RI. The plans in this rule shall be submitted to the Department by the responsible parties for review and approval prior to the implementation of the Site Characterization.

1. All pertinent data for the site shall be collected and analyzed. At a minimum, the following shall be included, or as otherwise determined by the Department.

- (i) A site description including location, size, ownership, topography, geology, hydrogeology, ecology and other pertinent details. Deed descriptions and tax assessment property maps shall also be included for all parcels potentially contaminated by the site.
- (ii) A site history, chronologically arranged, including site visits, investigations, disposal practices, sampling events, legal actions, regulatory violations, changes in ownership and previous clean-up actions.
- (iii) All known and suspected sources of hazardous substances, potential routes of migration, and potential human and environmental concerns shall be identified.

2. Preliminary Remediation Goals

An initial survey shall be performed by the responsible parties of all Background contaminant levels and Applicable or Relevant and Appropriate Requirements (ARAR's) for the media of concern. ARAR requirements and Background requirements are detailed in paragraphs (3) and (4) of Rule 0400-15-01-.08 respectively.

3. RI Workplan

The workplan is a written document that summarizes the decisions and evaluations made during the data gathering phase and presents proposed activities, assigned responsibilities, project's schedule, and cost. The RI workplan shall be implemented by the responsible parties as approved by the Department unless the Department approves modification of the plan. The workplan shall contain but not be limited to the following, or as determined by the Department:

(i) Introduction

A general explanation of the reasons for the RI and the expected results and goals of the RI process.

(ii) Physical setting

The current understanding of the physical setting of the site, the site history, and the existing information of the condition of the site shall be described.

(iii) Initial evaluation

The information developed is presented, describing the potential migration and exposure pathways, and assessment of human health and environmental impacts.

(iv) Workplan rationale

Data requirements for the risk assessment, alternatives identified, and the workplan approach is presented to illustrate how the activities will satisfy data needs.

(v) RI tasks

The tasks to be performed during the RI are to be described. This description shall incorporate the RI site characterization tasks and the data evaluation methods to be used.

4. Health and Safety Plan

Before performing site activities a health and safety plan which complies with OSHA requirements shall be prepared and submitted by the responsible party(ies).

5. Sampling and Analysis Plan

A sampling and analysis plan shall be prepared by the responsible party for sampling activities which are part of the investigation and remedial action. The level of detail required in the sampling and analysis plan may vary with the scope and purpose of the sampling activity. The Sampling and Analysis plan shall be implemented as approved by the Department, unless the Department approves modification of the plan. The sampling and analysis plan shall specify procedures which ensure that sample collection, handling, and analysis will result in data of sufficient quality to plan and evaluate remedial actions at the site. References to standard protocols or procedures manuals may be used provided that the information referenced is readily available to the Department. The sampling and analysis plan shall contain but not be limited to the following, or as otherwise determined by the Department:

- (i) A statement on the purpose and objectives of the data collection, including quality assurance and quality control requirements.
- (ii) Procedures and responsibilities for the sampling and analysis activities.
- (iii) Identification and justification of the location and frequency of sampling.
- (iv) Identification and justification of the parameters to be analyzed.
- (v) Procedures for installation of the sampling devices.
- (vi) Procedures for sample collection and handling, including procedures for personnel and equipment decontamination.
- (vii) Procedures, protective of human health and the environment, for the management of wastes generated by sampling activities, including installation of monitoring devices.
- (viii) Description and number of quality assurance and quality control samples, including blanks and spikes.
- (ix) Protocols for sampling, labeling and chain of custody.
- (x) Provisions for splitting samples, where appropriate.
- (xi) Reporting of detection or quantification limits.

- (xii) Analytical techniques and procedures.
- (xiii) Quality assurance and quality control procedures.
- (xiv) Data reporting procedures, and where appropriate, validation procedures.
- (xv) Other items specified by the project manager.
- (xvi) Design specifications of monitoring well construction if monitoring wells are to be constructed.

(b) Site Characterization

A site characterization is an investigation conducted by the responsible party that identifies and documents the extent of contamination. Based on the findings of the Initial Investigation, the site characterization investigations shall focus on potentially contaminated media, potential routes of migration, and potential human health and environmental concerns. Such investigations will include as appropriate, the following:

1. Surface Water and Sediments

Investigate the surface water and sediments to characterize significant hydrologic features such as surface drainage patterns and quantities; areas of erosion and sediment deposition; floodplains; and actual or potential hazardous substances migration routes toward and within these features. Sufficient surface water and sediment sampling shall be performed to adequately characterize the areal and vertical extent and concentrations of hazardous substances. Properties of surface and subsurface sediments which are likely to influence the type and rate of migration shall be identified.

2. Soils and Bedrock

Investigate the areal and vertical distribution and concentration of hazardous substances in the soil. Identify properties of surface and subsurface soils which are likely to influence the type and rate of hazardous substance migration. Determine if the site is underlain by bedrock and if so, determine the type of bedrock underlying the area of contamination. Evaluate the potential for hazardous substance migration at the soil-bedrock contact and below the top of bedrock along bedding planes, joints, faults and solutionally enlarged features.

3. Groundwater System

Investigate site geology and concentrations of hazardous substances in the groundwater, the physical and chemical characteristics of the hazardous substance, potential future uses of the ground water, the persistence and permanence of the contaminant. This shall include, but not be limited to, the description, physical properties and distribution of bedrock and unconsolidated materials; groundwater flow rate and gradient for affected and potentially affected aquifers; ground-water divides; areas of groundwater recharge and discharge; location of public and private production wells; and groundwater quality data. In karst terrains, the Department may require additional investigative techniques to determine groundwater flow and the extent of contamination. If site contamination is shown to be limited to the soils, a site specific decision will be made by the Department concerning ground water monitoring.

4. Air

Evaluate air quality impacts, including sampling, and information regarding local and regional climatological characteristics which are likely to affect the hazardous substance migration.

5. Human Population and Land Use

Determine the impact or potential impact of the hazardous substance on the human population and land use, such as sensitive environments, plant and animal species, and number of people in the area.

6. Nature and Extent of Contamination

Define the location, quantity, concentration, and areal and vertical extent of the hazardous substance at the site.

(c) Interim actions

At anytime during the RI/FS, an interim action may be required.

1. Purpose

The purpose of this rule is to describe how certain interim actions can occur prior to completion of a remedial action. An interim action is:

- (i) An action that is necessary to reduce a threat to human health or the environment by eliminating or substantially reducing one or more pathways of exposure from a hazardous substance; or
- (ii) An action that corrects a problem that may become substantially worse or cost substantially more to address if the action is delayed; or
- (iii) An action that is needed to provide for completion of the remedial investigation and feasibility study or design of a cleanup action; or
- (iv) An action that achieves the remediation goals for a portion of the site; or
- (v) An action that provides a partial cleanup, and provides information on how to achieve the remediation goals; or
- (vi) An action that is consistent with the final cleanup action; or
- (vii) An action that is followed by additional remedial actions unless compliance with the remediation goals has been confirmed at the site.

2. Public notification

Public notice may be required on an interim action as directed by the Department.

3. Submittal requirements

Unless otherwise directed by the Department, a report shall be submitted prior to conducting an interim action. Reports shall be of a scope and detail commensurate with the work to be performed and site-specific characteristics, and shall include, as appropriate:

- (i) The necessity for the action.
- (ii) A description of the interim action and how it will be accomplished.
- (iii) A description of existing site conditions and a summary of all available data related to the interim action.
- (iv) A health and safety plan.
- (v) A sampling and analysis plan.

(3) Feasibility Study

An evaluation of alternative cleanup actions that protect human health and the environment, by reducing or otherwise controlling risks posed through each exposure pathway and migration route, shall be conducted by the responsible party. The number and types of alternatives to be evaluated shall take into account the characteristics and complexity of the site. A phased approach for evaluation of alternatives may be required for certain sites, including an initial screening of alternatives to reduce the number of potential remedies for the final detailed evaluation. The final evaluation of cleanup action alternatives that pass the initial screening shall consider the following factors:

- (a) Overall protection of human health and the environment, including the degree to which existing risks are reduced, time required to reduce risks, and on-site and off-site risks resulting from implementing the alternative. The Department will determine the need for remediation based upon a human health and environmental risk assessment. Such an assessment shall include a consideration of the potential for human populations and sensitive ecosystems to be exposed to the hazardous materials of concern.
- (b) Attainment of the remediation goals and compliance with applicable state and federal laws.
- (c) Short-term effectiveness, including protection of human health and the environment during construction and implementation of the alternative prior to attainment of the remediation goals.
- (d) Long-term effectiveness, including degree of certainty that the alternative will be successful, long-term reliability, magnitude of residual risks, and effectiveness of controls required to manage treatment residues of remaining waste.
- (e) Permanent reduction of toxicity, mobility and volume through treatment, including adequacy of the alternative in treating and managing the hazardous materials, reduction and elimination of hazardous material releases, sources of releases, degree of irreversibility of waste treatment process, and the characteristics and quantity of treatment residuals generated.
- (f) The ability to be implemented including consideration of whether the alternative is technically feasible, availability of needed off-site facilities, services and materials, administrative and regulatory requirements, scheduling, size, complexity, monitoring requirements, access for construction, operations and monitoring, and integration with existing facility operations and other current or potential remedial actions.
- (g) Cost, including consideration of present and future direct and indirect capital, operation, maintenance and other foreseeable costs.
- (h) The degree to which community concerns are addressed.
- (i) The degree to which recycling, residue, and waste minimization are employed.

(4) Reporting Requirements

A report consistent with paragraphs (2) and (3) of this rule shall be prepared and submitted to the Department by the responsible party for review and approval at the completion of the RI/FS. Additionally, the Department may require reports to be submitted following discrete elements of the remedial investigation and feasibility study. The report shall systematically summarize all information gathered during the RI/FS phase and shall include all sampling data, tables, graphs, and other information requested by the Department.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.10 Remedial Design.

(1) Purpose

The purpose of the remedial design documents is to present the specific details of the selected remedial alternative based on the feasibility study and supporting documents. The design documents shall be

stamped by a registered Professional Engineer licensed in the State of Tennessee. Records of Decision and Remedial Design at sites being investigated and remediated pursuant to CERCLA requirements at 40 C.F.R. §300 will be deemed to meet the requirements of this rule.

(2) Initial Remedial Design

The Initial Remedial Design report is the process design of the selected alternative. The report must demonstrate quantitatively that the selected alternative will perform as intended. The level of complexity in the report will usually be intermediate between that of a general design in the feasibility study and the detailed design in the final plans and specifications. An Initial Remedial Design report shall be first submitted by the responsible party and approved before the remedial design contractor finalizes the plans and specifications. The following items shall be included in the report:

- (a) A summary of the remedial alternative selected during the Feasibility Study and as defined in the Departments Record of Decision.
- (b) A list of the objectives of the remedial action. The objectives shall include identifying and quantifying the contaminants to be remediated, and the concentration before and after the remedial action.
- (c) Performance standards to be used in the design of the treatment units or processes.
- (d) Site topographic map and preliminary layouts.
- (e) Sizes of the treatment units that are specified on the basis of appropriate design calculations.
- (f) All the discharges or emissions expected as a result of the remedial action; the ARAR's and the types of treatment necessary to meet those requirements; and mass balance calculations for the major units.
- (g) Cost estimates and a schedule of implementation.
- (h) Additional studies required for on-site treatment or disposal of contaminated waste. These studies could include field work, bench test, and pilot scale studies.

(3) Final Remedial Design

The final Design shall include specific and detailed steps that describe how the project will be constructed and/or remediated. The final Design shall be prepared by the responsible party and shall include:

- (a) Quality assurance and quality control measures for sampling or monitoring activities.  
The plan shall include a precise description of the project and scope of work.
- (b) Treatment unit specifications.  
Complete detailed plans and specifications including size, capacity, treatment efficiency, and other design considerations that apply to the specific site.
- (c) Treatment/removal processes.  
Treatment and removal processes detailing waste to be removed or treated; transportation required; disposal location; and other supporting data.
- (d) Schedule of implementation.  
A schedule that details significant milestones for the entire project.
- (e) Remediation Goals.  
A listing of cleanup standards as required in the ROD.

- (f) Equipment start-up and operator training procedures.  
Requirements for providing service visits by experienced personnel; adjustments; startup and operation of the treatment systems; and appropriate operational procedures training.
- (g) Disposal, transportation and other permit requirements.
- (h) Estimated cost.  
An estimate and estimate summary sheet that details all associated cost of the project.
- (i) Public awareness process and schedule.  
A summary of the public awareness schedule that describes the method and frequency of notifying the public of the remedial action.
- (j) Health and Safety Plan.  
Before performing site activities a health and safety plan which complies with OSHA requirements shall be prepared and submitted by the responsible party(ies).

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.11 Remedial Action.

(1) Purpose

The purpose of the remedial action is to initiate a cleanup that will meet the objectives and standards of the chosen alternative as developed in the feasibility study and detailed in the remedial design. The remedial action will be implemented by the remedial contractor according to the approved remedial design documents. Remedial Actions conducted pursuant to the requirements of CERCLA at 40 C.F.R. §300 will be deemed to meet the requirements of this rule.

(2) Monitoring and Reporting Requirements

Records and reports shall be generated and submitted by the responsible party according to a schedule and format approved by the Department. These records and reports shall include, as appropriate:

- (a) Progress report of the remedial action.
- (b) Compliance with the approved schedule of events.
- (c) Air quality and emissions records.
- (d) Waste disposal records.
- (e) Community relations activities.
- (f) Change orders.
- (g) Cost to date.
- (h) Problems or potential problems encountered.
- (i) Anticipated activities and schedule for the next reporting period.
- (j) Water quality and discharge records.
- (k) Other information as required by the Department.

(3) Confirmation Sampling

Analytical sampling shall be performed by the responsible party to document the results of the remedial action. The sampling shall be in accordance with the remedial design and shall include the contaminants found during the remedial investigation. A report shall be generated that shows a comparison of the required standards and the final cleanup results. The Department shall be notified of the sampling activity prior to the sampling event.

(4) Final Inspection

At the completion of the remedial action, a final inspection shall be made. This inspection will consist of a walk-through of the entire site by the Department, the responsible party, and the prime contractor. Any outstanding construction items and actions required to resolve these items will be noted. A completion date for these items will be prepared and submitted to the Department for approval.

(5) Remedial Action Report

Upon satisfactory completion of the final inspection, a remedial action report shall be prepared by the responsible party and submitted to the Department. The report shall include the following:

- (a) A description of the work performed and any variances from the approved plan.
- (b) The volume and description of material removed and/or treated.
- (c) Final location of any removed or treated material.
- (d) Total itemized cost of the entire project from the remedial investigation planning through the remedial action.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.12 Final Operation and Maintenance Plan.

(1) Purpose

The purpose of the O & M process is to provide funds and activities that will ensure the long term treatment and/or maintenance of a site that is required based on the Remedial Investigation /Feasibility Study and the Remedial Action.

(2) Description of O & M Activities

A plan shall be submitted by the responsible party which details the activities that will occur during the operation and maintenance period. A reporting schedule and review cycle shall be established. The reporting schedule shall detail the reporting requirements for the proposed activities and the review cycle will establish a review of the O & M process. Below are items that shall be included, as appropriate, in the plan. The plan and schedule shall be submitted to the Department for review and approval prior to the implementation:

- (a) Description of tasks for operation.
- (b) Description of tasks for maintenance.
- (c) Description of prescribed treatment.
- (d) Description of monitoring tasks.
- (e) Description of required laboratory testing.
- (f) Equipment necessary to operate, maintain, and monitor the site for tasks identified in subparagraphs (a) through (e) of this paragraph.

- (g) Schedule of the frequency of the required tasks identified in subparagraphs (a) through (e) of this paragraph.
  - (h) Contingency plan for emergencies and unforeseen deviations from the O & M plan.
  - (i) Other items as deemed necessary by the Department.
- (3) Financial assurance may be required by the Commissioner to insure the O & M costs. This financial assurance shall be provided in a form, amount, and in the manner approved by the Commissioner.

(4) Reporting

A reporting schedule and review cycle shall be established. The schedule shall detail the requirements for the proposed activities with associated costs. The schedule will establish a periodic review of the O & M.

(5) Petition to Discontinue Pump and Treat of Ground Water

The Department realizes that in some cases pump and treat methods of ground water remediation may fail to achieve ground water remediation goals established under Rule 0400-15-01-.08. Unless otherwise determined by the Department, the following shall apply:

- (a) After a responsible party has treated ground water for an extended period of time and the concentration of the hazardous substances in the ground water has reached asymptotic levels for contaminant removal, then the party responsible may petition the Department to discontinue pump and treat of ground water. Granting a petition to discontinue pump and treat does not abrogate any responsible party's liability or responsibility due to release or discharge of hazardous substance. The petition must include, at a minimum, the following:
  - 1. A statement signed and sealed by a Professional Engineer licensed in Tennessee that the system was designed, constructed, and operated to recover the maximum quantity of hazardous substance contamination from the plume and to minimize the risk to human health, safety, and the environment posed by the hazardous substance. This certification shall further state what, if anything, can be done to further reduce the concentration of hazardous substance in ground water.
  - 2. Documentation of the type of treatment used at the site, including, but not limited to, as built diagrams of sufficient detail to demonstrate that the recovery system was properly designed, engineered, and constructed, and a description of the length of treatment and the maintenance schedule.
  - 3. The existing hydrogeologic characteristics of the site and the surrounding land.
  - 4. The physical and chemical characteristics of the hazardous substances, including their toxicity, persistence, and potential for migration.
  - 5. Site specific analysis of the source area(s) which determines whether or not the ground water is continuing to be contaminated by leachate from the sources. This analysis must also include specifics about the extent and volume of remaining sources and an evaluation of the costs, technologies and affects of possible source reduction.
  - 6. Identification of all human and sensitive environmental receptors and potential receptors which are impacted by the contaminated ground water or have a potential to be impacted in the event the pump and treat is discontinued.
  - 7. Documentation of the vertical and areal extent of contaminated ground water, sampling locations, sampling dates, results of analytical sampling, well elevations, and water level data.
  - 8. Description of the proposed alternate option for remediation and the monitoring activities.

9. Detail contingency plans describing actions the liable party will take in the event receptors are contaminated by the hazardous substances.
10. Other information requested by the Department.

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

0400-15-01-.13 List of Inactive Hazardous Substance Sites.

Promulgated List

SITE NUMBER	SITE NAME
	ANDERSON (01)
01504	D.O.E Oak Ridge Oak Ridge, TN
01579	Dupont Smith/Atomic City Oak Ridge, TN
01580	Anderson County Landfill Clinton, TN

SITE NUMBER	SITE NAME
	BLOUNT (05)
05501	Aluminum Co. of America Alcoa, TN
05503	Aluminum Co. of America Alcoa, TN

SITE NUMBER	SITE NAME
	BRADLEY (06)
06505	Duracell Inc. Cleveland, TN

SITE NUMBER	SITE NAME
	CARTER (10)
10502	American Bemberg Plant Elizabethtown, TN
10508	Old Bemberg Bldg. Elizabethtown, TN

SITE NUMBER	SITE NAME
	COCKE (15)
15504	Arapahoe/Rock Hill Labs Newport, TN
15505	Newport Dump Newport, TN
15508	Wall Tube and Metal Newport, TN

SITE NUMBER	SITE NAME
	DAVIDSON (19)

19511	Stauffer Chemical Nashville, TN
19524	Municipal Landfill Nashville, TN

SITE NUMBER	SITE NAME
	FAYETTE (24)

24501	Ross Metals Rossville, TN
24503	Galloway Pits Galloway, TN

SITE NUMBER	SITE NAME
	FRANKLIN (26)

26501	AEDC Arnold Air Force Station, TN
-------	--------------------------------------

SITE NUMBER	SITE NAME
	GIBSON (27)

27512	ITT Telecommunications Milan, TN
-------	-------------------------------------

SITE NUMBER	SITE NAME
	HAMBLEN (32)

32506	BASF/Stauffer Chemical Co. Morristown, TN
32514	Old Morristown-Hamblen Co. Landfill Morristown, TN
32517	Neblett Road Dump Morristown, TN
32518	Pine Brook Road Dumb Morristown, TN

SITE NUMBER	SITE NAME
	HAMILTON (33)

33527	Velsicol/Residue Hill Chattanooga, TN
33540	Montague Park Chattanooga, TN
33543	Hamill Road Dump #3 Chattanooga, TN
33547	Chattanooga Coke Chattanooga, TN
33550	North Hawthorne Dump Chattanooga, TN
33556	3M GE Ceramics Chattanooga, TN
33557	USVAAP Chattanooga, TN
33584	Chattanooga Creek

33596	Chattanooga, TN Mor-Flo Industries, Inc. Chattanooga, TN
33618	Morningside Chemicals Chattanooga, TN
33620	National Microdynamics (Lutex Chemical) Chattanooga, TN
33635	Tennessee Transformer Chattanooga, TN
33660	Electro-Lite Battery Chattanooga, TN

SITE NUMBER	SITE NAME
-------------	-----------

HARDEMAN (35)

35506	Velsicol Chemical Toone, TN
-------	--------------------------------

SITE NUMBER	SITE NAME
-------------	-----------

HENRY (40)

40506	Henry County Boneyard Paris, TN
-------	------------------------------------

SITE NUMBER	SITE NAME
-------------	-----------

HICKMAN (41)

41504	Wrigley Charcoal Wrigley, TN
-------	---------------------------------

SITE NUMBER	SITE NAME
-------------	-----------

JEFFERSON (45)

45503	Hodgson, Hollis Jefferson City, TN
-------	---------------------------------------

SITE NUMBER	SITE NAME
-------------	-----------

KNOX (47)

47514	Witherspoon Landfill Knoxville, TN
47518	Badgett Road Landfill Knoxville, TN
47521	Southern Rail/Coster Shop Knoxville, TN
47523	Foote Mineral/Cas Walker (Dante) Knoxville, TN
47530	Screen Art, Inc. Knoxville, TN
47541	Witherspoon Recycling Knoxville, TN
47545	Sanitary Laundry & Dry Cleaning Knoxville, TN
47547	Roscoe Fields Property Knoxville, TN
47559	Smokey Mountain Smelters

47573	Knoxville, TN Dixie Barrel & Drum Co. Knoxville, TN
SITE NUMBER	SITE NAME
	LAWRENCE (50)
50502	Murray-Ohio Landfill Lawrenceburg, TN
50505	Lawrenceburg Horseshoe Bend Lawrenceburg, TN
50509	Former Murray Ohio Plant Lawrenceburg, TN

SITE NUMBER	SITE NAME
	LOUDON (53)
53502	Greenback Industries Greenback, TN
53503	Lenoir City Car Works Lenoir City, TN

SITE NUMBER	SITE NAME
	M ADISON (57)
57508	American Creosote Works Jackson, TN
57510	Porter Cable Jackson, TN
57517	Boone Dry Cleaners Jackson, TN

SITE NUMBER	SITE NAME
	MARION (58)
58502	North American Environmental Whitwell, TN

SITE NUMBER	SITE NAME
	MARSHALL (59)
59502	Heil Quaker Corp. Lewisburg, TN
59503	Lewisburg Dump Lewisburg, TN

SITE NUMBER	SITE NAME
	MAURY (60)
60501	Stauffer Chemical Co. Mt. Pleasant, TN
60534	Monsanto

	Columbia, TN
SITE NUMBER	SITE NAME
	MONROE (62)
62505	Red Ridge Landfill Madisonville, TN
SITE NUMBER	SITE NAME
	POLK (70)
70502	Apache Blast Copperhill, TN
SITE NUMBER	SITE NAME
	PUTNAM (71)
71502	Putnam County Landfill Cookeville, TN
SITE NUMBER	SITE NAME
	ROANE (73)
73504	Roane Alloys Rockwood, TN
73506	Rockwood Iron & Metal Rockwood, TN
73512	Joyner Scrap Yard Rockwood, TN
SITE NUMBER	SITE NAME
	RUTHERFORD (75)
75522	Old Murfreesboro City Dump Murfreesboro, TN
SITE NUMBER	SITE NAME
	SCOTT (76)
76502	Oneida Railway Oneida, TN
SITE NUMBER	SITE NAME
	SHELBY (79)
79503	Arlington Blending Arlington, TN
79517	Bellevue Avenue Landfill Memphis, TN
79518	Cypress Creek Memphis, TN
79525	International Harvester Memphis, TN
79536	W. R. Grace & Co.

79549	Memphis, TN Chickasaw Ordinance Works
79552	Memphis, TN Carrier Corporation Collierville, TN
79561	Nilok Chemical Company Memphis, TN
79569	Chapman Chemical Co. Memphis, TN
79582	Diesel Recon Co. Memphis, TN
79598	North Hollywood Dump Memphis, TN
79604	Memphis Public Works/Jackson Pits Memphis, TN
79676	Smalley-Piper Collierville, TN
79742	Pulvair Corporation Millington, TN
79758	Old Osmose Chemical Memphis, TN
79781	John Little/Drum Memphis, TN
79798	61 Industrial Park Site Memphis, TN
79799	Tennessee Air National Guard Memphis, TN
79800	Cretox Chemical Company Memphis, TN
79805	Fiberfine of Memphis Memphis, TN
79843	Warfield Place/Pulvair Memphis, TN

SITE NUMBER

SITE NAME

SULLIVAN (82)

82514	Sperry/Unisys Bristol, TN
82516	Earhart Bristol, TN

SITE NUMBER

SITE NAME

UNICOI (86)

86501	Bumpass Cove Landfill Embreeville, TN
86502	Bumpass Cove – Fowler Erwin, TN
86505	Morrell Electric, Inc. Erwin, TN

SITE NUMBER

SITE NAME

WARREN (89)

89504	Century Electric Facility McMinnville, TN
-------	--

SITE NUMBER	SITE NAME
	WASHINGTON (90)
90510	Cash Hollow Dump Johnson City, TN

SITE NUMBER	SITE NAME
	WAYNE (91)
91501	Mallory Capacitor Co. Waynesboro, TN
91502	Waynesboro City Dump Waynesboro, TN

SITE NUMBER	SITE NAME
	WILSON (95)
95501	TRW/Ross Gear Division Lebanon, TN

Authority: T.C.A. §§ 68-212-201 et seq. and 4-5-201 et seq.

New Rule

Chapter 0400-15-02

Standards for Testing and Cleaning Quarantined Clandestine Drug Manufacturing Sites

Table of Contents

0400-15-02-.01 Standards for Determining Living Space Safe for Human Use

0400-15-02-.02 Use of Qualified Professionals for Sampling and Cleanup

0400-15-02-.01 Standards for Determining Living Space Safe for Human Use

- (1) Methamphetamine shall not exceed 0.1 microgram/100 cm<sup>2</sup> on any surfaces.
- (2) Volatile Organic Compounds shall not exceed 1 ppm in air as measured under normal inhabitable ventilation conditions.
- (3) If it is determined that lead or mercury were used in the lab process, the standard for cleanup of lead on any surface shall not exceed 40µg/ft<sup>2</sup>, and mercury shall not exceed 50 nanograms/m<sup>3</sup> for indoor air. Lead acetate and mercuric chloride are used in the Amalgam process that uses phenylpropanone (P2P). This process is not commonly used, but may occasionally be encountered.

Authority: T.C.A. §§ 68-212-501, et seq. and 4-5-201 et seq.

0400-15-02-.02 Use of Qualified Professionals for Sampling and Cleanup.

- (1) Samples shall be collected and interpreted by a professional certified by the Commissioner as being able to perform the services of an industrial hygienist. Any person holding a certification from the American Board of Industrial Hygienists as a Certified Industrial Hygienist is deemed certified by this rule as being able to perform these services. Other persons who have the qualifications as industrial hygienists under T.C.A § 62-40-101 may make a written request to the Commissioner to be included on the list of persons or entities to perform the services of industrial hygienists for the purposes of these rules.
- (2) Clean up of properties shall be performed by a professional or company certified by the Commissioner as being able to perform the services of cleaning up sites used to manufacture methamphetamines. Any person holding a certification from the American Board of Industrial Hygienist as a Certified Industrial

Hygienist is deemed certified by this rule as being able to perform clean up services at these sites. Other persons may make a written request to the Commissioner seeking certification to perform these services.

Authority: T.C.A. §§ 68-212-501, et seq. and 4-5-201 et seq.

New Rule

Chapter 0400-15-03  
Drycleaner Environmental Response Program

Table of Contents

0400-15-03-.01	Drycleaner Environmental Response Program: General	0400-15-03-.06	Withdrawing an Applicant's Grant of Approval
0400-15-03-.02	Definitions	0400-15-03-.07	Reserved for Cleanup Goals / Cleanup Actions
0400-15-03-.03	Registration, Fees and Surcharges, Certificate Issuance	0400-15-03-.08	Administrative Guidelines for the Tennessee Drycleaner Environmental Response Fund
0400-15-03-.04	Best Management Practices	0400-15-03-.09	Contractors
0400-15-03-.05	Qualifications and Procedures for Environmental Response Activities	0400-15-03-.10	Enforcement

0400-15-03-.01 Drycleaner Environmental Response Program: General.

- (1) Purpose, Scope, and Applicability - This rule provides definitions of terms, general standards and procedures, and overview information applicable to these rules.
- (2) Rule Structure - These rules are organized, numbered, and referenced according to the following outline form:
  - (1) paragraph
    - (a) subparagraph
      1. part
        - (i) subpart
          - (l) item
            - I. subitem
              - A. section
                - (A) subsection

Authority: T.C.A. §§ 68-217-101 et seq. and 4-5-201 et seq.

0400-15-03-.02 Definitions.

Definitions - When used in Chapter 0400-15-03, the following terms have the meanings given below unless otherwise specified:

- (1) "Abandoned Drycleaning Facility" means any real property premises or individual leasehold space on which a drycleaning facility formerly operated.
- (2) "Act" means the "Drycleaner's Environmental Response Act", as amended, T.C.A. §68-217-101, et seq.

- (3) "Applicant" means a potentially eligible party who submits an application for entry and participation in the program for environmental responses activities.
- (4) "Application" means the act of applying and/or the form or document upon which a request is made. For purposes of these rules the terms application and petition are interchangeable.
- (5) "Best Management Practices" or "BMP" means those procedures, methods, equipment selections, or other practices as described in Rule 0400-15-03-.04, which when implemented, reduce or prevent the generation of wastes and/or releases of chemicals or other pollutants to the environment.
- (6) "Chlorofluorocarbon", or "CFC", means one of a group of chemical compounds composed only of carbon, chlorine, fluorine, and hydrogen.
- (7) "Commissioner" means the Commissioner of the Department of Environment and Conservation, or the Commissioner's designee.
- (8) "Dense Non-Aqueous Solvent or Product" means any chemical or mixture of chemicals, other than water-based solvent, that is used in the drycleaning of clothes and that does not float on water (in pure form has a specific gravity greater than 1.0).
- (9) "Department" means the Department of Environment and Conservation.
- (10) "Drycleaner Environmental Response Fund" refers to the fund established under T.C.A. §68-217-101, et seq.
- (11) "Drycleaner Environmental Response Program", or "DCERP", means that program which is established under T.C.A. §68-217-101, et seq., and these rules.
- (12) "Drycleaning Facility" means any commercial facility located in this state which is engaged in on-site drycleaning operations, other than:
  - (a) A coin-operated drycleaning operation;
  - (b) A facility located on a United States military base or owned by the United States, or any department or agency thereof;
  - (c) A commercial uniform service and/or linen supply facility; or
  - (d) A facility owned by the state or any agency or department thereof.
- (13) "Drycleaner Approved Contractor", or "DCAC", means a contractor who has met the qualification requirements as set forth in these rules and has been specifically designated by the Department to be an approved contractor in the drycleaner environmental response program.
- (14) "Drycleaning Operations" means cleaning of apparel and household fabrics, using one or more drycleaning solvents, including, but not limited to, those businesses described in Standard Industrial Classification (SIC) Code No. 7216.
- (15) "Drycleaning Solvent" or "Solvent" means any and all non-aqueous solvents or products used, or intended for use, in the cleaning of garments and other fabrics at a drycleaning facility and includes, but is not limited to, dense non-aqueous solvents such as chlorinated solvents like perchloroethylene (perc) also known as tetrachloroethylene, and light non-aqueous solvents such as petroleum-based solvents like Stoddard Solvent, and the products into which all such solvents or products degrade.
- (16) "Facility" means an active or abandoned drycleaning facility or an in-state wholesale distribution facility.
- (17) "Full-Time Equivalent Employee" means the total number of hours worked (per drycleaning facility) by all full-time and part-time employees, for the previous calendar year, excluding the owner/manager, divided by the number of weeks of operation, then divided by forty (40). This hereafter shall be known as "full-time equivalent (FTE)".

- (18) "Fund" means the Drycleaner Environmental Response Fund as defined in paragraph (10) of this rule.
- (19) "Hydrocarbon-Based Drycleaning Solvent" means a light non-aqueous solvent or product that is used as a primary cleaning agent in drycleaning operations and includes, but is not limited to, petroleum solvents such as Stoddard solvent.
- (20) "Immediate Investigation Needed Site" means a site identified by the Department, based on information and analytical data provided in the prioritization investigation report, that exhibits conditions or contaminant concentrations such that a solvent impact assessment needs to be implemented in as timely a manner as possible in order to define the extent of probable soil or groundwater contamination.
- (21) "Immediate Remedial Action Needed Site" means a site that has been identified by the Department as a result of a solvent impact assessment as posing a potential threat to human health or the environment. Given the level and nature of identified contaminant impacts these sites require an immediate remedial action.
- (22) "Impacted Third Party" means a lessor of real property on which a drycleaning facility or an in-state wholesale distribution facility is located, a property owner whose real property is adversely environmentally impacted by a release from a drycleaning facility or in-state wholesale distribution facility, or their predecessors, successors or assigns, mortgagees, predecessors-in-title, and successors-in-title.
- (23) "In-State Wholesale Distribution Facility" means a place of business located in this state of a wholesale distributor or any real property premises or individual leasehold space located in this state, occupied by an in-state wholesale distribution facility after June 13, 1995.
- (24) "Interim Action Needed Site" means a site that has been classified by the Department as potentially posing a hazard of direct human contact or substantial environmental exposure to drycleaning solvent.
- (25) "Light Non-Aqueous Solvent or Product" means any chemical or mixture of chemicals, other than water-based solvent, that is used in the drycleaning of clothes and that floats on water (in pure form has a specific gravity less than 1.0).
- (26) "MACT" means maximum achievable control technology. It is a case by case determination of what constitutes a maximum achievable reduction of hazardous air pollutants considering the costs of achieving the emission reduction and any non-air health and environmental impacts and energy requirements. MACT may include but is not limited to: control equipment; work practice standards; emission standards; process modifications, or raw materials substitution and/or reformulation.
- (27) "Monitoring Only Site" means a site that has been identified by the Department as a result of a solvent impact assessment that exhibits detectable contaminant concentrations in soil or groundwater, but does not require other remedial action under these rules. These sites will require periodic monitoring in order to ensure stabilization or a decrease in contaminant concentrations over time.
- (28) "No Remedial Action Required Site" means a site that has been identified by the Department as a result of a solvent impact assessment that does not require any remedial action or further remedial action. These sites may have previously completed Department-required activities under one or more of the higher priority remediation categories.
- (29) "Non-Hydrocarbon-Based Drycleaning Solvent" means a dense non-aqueous solvent or product that is used as a primary cleaning agent in drycleaning operations and includes, but is not limited to, halogenated chemical compounds such as perchloroethylene, trichloroethylene, and chlorofluorocarbons.
- (30) "Non-Time Critical Investigation Site" means a site identified by the Department, based on information and analytical data provided in the prioritization investigation report, that does not exhibit conditions or contaminant concentrations to a degree that justifies an immediate solvent impact assessment, but will require an investigation in the future.
- (31) "Operator" means any person or persons with the responsibility for operation of a drycleaning facility or in-state wholesale distribution facility or that has an ownership interest in the drycleaning operation or wholesale distributor.

- (32) "Operation" with respect to a facility means maintaining or management.
- (33) "Owner" with respect to a facility, means to own part or all of the real property of the facility.
- (34) "Person" means an individual, proprietorship, partnership, trust, estate, corporation, limited liability company, association, Tennessee or other state agency, U. S. or other federal agency, municipality, political subdivision, or officers thereof.
- (35) "Potentially Eligible Party", or "PEP", means an active drycleaning facility owner or operator, or current or prior abandoned facility owner or operator, or in-state wholesale distribution facility owner or operator, or impacted third party who is potentially eligible to participate in the drycleaner environmental response program and Fund.
- (36) "Release" means any spilling, pouring, overfilling, leaking, leaching, emitting, discharging, or escaping of drycleaning solvents from a drycleaning facility or an in-state wholesale distribution facility or its associated piping which impacts groundwater, surface water, surface or subsurface soils.
- (37) "Remedial Action Pending Site" means a site that has been identified by the Department as a result of a solvent impact assessment that exhibits contaminant concentrations above cleanup levels. Given the level and nature of identified contaminant impacts these sites will require remedial actions, but not immediately.
- (38) "Site" means the aerial extent of contamination and all suitable areas in very close proximity to the contamination necessary for the implementation of response actions.
- (39) "Transfer Machine" means a type of drycleaning machine, or the process, in which wet clothes are manually transferred from the washer unit to the dryer unit.
- (40) "Wholesale Distributor" means a person or company whose primary business is selling drycleaning solvents and supplies to in-state or out-of-state drycleaning facilities. Primary business means where the percentage of the person's or company's gross receipts from the sale of drycleaning solvents and supplies to such drycleaning facilities equals or exceeds twenty percent (20%) of total gross receipts.

Authority: T.C.A. §§68-217-101, et seq. and 4-5-201 et seq.

0400-15-03-.03 Registration, Fees and Surcharges, Certificate Issuance.

(1) Purpose

The purpose of this rule is to establish a system and schedule for registration and collection of fees.

(2) Applicability

This rule applies to the following:

- (a) All operators of drycleaning facilities conducting or intending to conduct drycleaning operations;
- (b) All operators of in-state wholesale distribution facilities;
- (c) Current or prior owners or operators of abandoned drycleaning facilities;
- (d) All drycleaning solvent suppliers who sell or transfer solvent to Tennessee drycleaning facilities; and
- (e) Impacted third parties.

(3) Annual Registration Fees

(a) Duty to Register

- 1. Each year, every facility must be registered with the Department by one of the persons

described in subparagraphs (2)(a), (b), or (d) of this rule.

2. Persons registering a facility shall respond to all inquiries on the registration form completely and truthfully. On any registration form submitted after October 15, 1997, any material misrepresentation or omission regarding said registration may be considered willful noncompliance with these rules and may serve as sufficient basis for the Department's denial of an application for entry into the program, or for revocation or non-renewal of a registration issued in reliance on said representation, or for a denial or withdrawal of a grant for entry into the program.
- (b) Current or prior owners or operators of abandoned drycleaning sites may register said sites in accordance with T.C.A. §68-217-106(b). The interest payable shall be in accordance with Article 11, Section 7 of the Constitution of the State of Tennessee.
- (c)
1. Beginning in calendar year 2011, each active drycleaning facility shall pay an annual per-site registration fee as follows:
    - (i) Each year the number of active drycleaner facilities will be divided by the Department into quintiles (groups of 20%) by type of solvent (light or dense) and according to their solvent usage, from lowest to highest;
    - (ii) The Department shall determine the solvent usage of an active drycleaner facility by determining the quantity of solvent purchased including what was reported on the quarterly reports submitted in accordance with subparagraph (6)(b) of this rule for the fiscal year from when the annual per site registration fee is due;
    - (iii) The fee for each solvent group shall be \$500, \$1,000, \$1,500, \$2,000 and \$2,500, respectively; and
    - (iv) The registration fees of subparts (i) through (iii) of this part shall be suspended for facilities that use light non-aqueous drycleaning solvent or product and shall be replaced with a registration fee of \$500 per year provided DCERP records indicate that dense non-aqueous drycleaning solvent or product has never been used on the premises or by the facility and provided that the drycleaning operator will certify to the best of his or her knowledge and belief, that dense non-aqueous drycleaning solvent or product has never been used at the facility. Should dense non-aqueous drycleaning solvent or product subsequently be discovered to have been used by or at the facility, the operator shall pay the amount equal to the net amount of suspended registration fees that would have been assessed if the facility had reported the use of dense non-aqueous drycleaning solvent or product plus penalties and interest.
  2. Abandoned facilities shall pay an annual registration fee of \$2,500 per year.
  3. All active facilities shall be classified in one of the quintile ranges in accordance with part 1 of this subparagraph. If a facility falls into two different quintile ranges, based on the amounts of dense and light solvent it uses, the higher fee will be paid.
  4. Beginning with the calendar year 2011, the initial registration fee for all new drycleaning facilities, regardless of solvent type used, shall be \$500.
  5. The proceeds from all facility registrations shall be deposited into the Drycleaner Environmental Response Fund. Should the total collections from annual registration fees and solvent surcharges fail to reach or exceed \$1,250,000 during any fiscal year, the per facility annual registration fee and solvent surcharges for the subsequent year for drycleaning facilities may be increased, subject to Board approval, by an amount sufficient to reach the threshold of \$1,250,000.
- (d) Each wholesale distributor shall pay an annual registration fee equal to the highest fee paid by a registered drycleaning facility or \$5,500, whichever is higher.

- (e) The Department shall attempt to notify and submit a registration fee payment form to each facility at least thirty (30) days before the payment of the registration fee is due. Any failure of the Department to do so shall not be justification to withhold payment of any registration fee and shall not affect the generally applicable due date for fee payment.
  - (f) Beginning with the calendar year 2001 registration, the registration fee shall be due on October 31<sup>st</sup> of the preceding year. The registrant shall submit the appropriate registration form and pay the registration fee on or before the due date.
  - (g) A registration form and other required documents shall be submitted to the program at least two weeks prior to commencing operations. A revised registration form shall be submitted within 30 days of a change in information which requires filing a revised registration. A change in information which requires filing a revised registration form includes the following: a change in ownership, operation or management of the facility or real property, or a change in the facility name previously reported to the DCERP. The form shall be submitted by one of the persons described in subparagraphs (2)(a), (b), or (d) of this rule.
  - (h) An impacted third party that petitions for entry into the program must ensure that all applicable registration fees for the facility are paid. The registration fee for an impacted third party shall be the same as the facility's would be, provided the facility is currently operating. If a drycleaning facility is not currently operating at the site, the impacted third party would pay the abandoned drycleaning facility registration fee, subject to the cure provisions subparagraph (4)(b) of Rule 0400-15-03-.05. Nothing herein shall otherwise affect any penalties or other liabilities incurred pursuant to the Act or these rules, except that there shall be no double recovery of registration fees by the Department.
- (4) Issuance of Registration Certificates
- (a) Certificates of Registration for each facility will be issued to the person who demonstrates substantial compliance, as determined by the Department, with the Act and program regulations, including but not limited to applicable BMPs; submits a completed registration form; pays the annual registration fee; and timely submits quarterly solvent reports. The certificate will contain the facility identification number, facility name and the facility address. The issuance of a certificate does not imply Fund eligibility or compliance with other regulations.
  - (b) Beginning with the calendar year 2001, the certificates will be effective for one year, from January 1<sup>st</sup> through December 31<sup>st</sup>, unless otherwise terminated under these rules.
  - (c) It shall be unlawful to sell or transfer drycleaning solvent to any person owning or operating a drycleaning facility unless the operator of the drycleaning facility has conspicuously posted at the facility a valid certificate evidencing registration of the drycleaning facility. Violators of this provision shall be subject to the penalties identified in T.C.A. §68-217-106(d).
- (5) Revocation / Non-renewal of Registration
- (a) By a Commissioner's Order the Department may revoke a facility's Certificate of Registration or withhold re-issuance, due to violations of the Act or any regulations promulgated pursuant to the Act that significantly cause or contribute to a release, or a failure to contain a release.
  - (b) The revocation or non-renewal of a registration will state the grounds for revocation, its effective date, and a requirement to surrender the Certificate of Registration.
  - (c) A person whose registration is revoked shall not be entitled to any refund on the paid registration fee.
  - (d) After the revocation of a facility's registration, the operator shall surrender the Certificate of Registration, and the Department may notify solvent suppliers for said facility of its unregistered status.
  - (e) Following revocation or non-renewal of a registration, a person may reapply for registration by submitting a complete and truthful registration form, paying all outstanding fees, surcharges, and

penalties, submitting a new registration fee, and meeting any other requirements for registration.

- (f) Any person against whom such an order is issued may appeal said order by filing a written petition in accordance with Rule 0400-15-03-.10.

(6) Solvent Surcharge Fees

- (a) The surcharge fee is applicable for all drycleaning solvent purchased or transferred after September 30, 1995. Beginning January 1, 2011, the surcharge fee is fifteen dollars (\$15) for each gallon of dense non-aqueous solvent or product and one dollar and fifty cents (\$1.50) for each gallon of light non-aqueous solvent or product obtained by a drycleaning facility. There will be no solvent surcharge fee on CO2.
- (b) The surcharge fee shall be collected by the solvent supplier and forwarded with forms (provided by the Department) to the Department on a quarterly basis for the previous calendar quarter. Each active drycleaning facility shall submit (on forms provided by the Department) quarterly reports of solvent purchases/receipt. The supplier's quarterly solvent sales reports and fees along with solvent reports submitted by each active drycleaning facility, will be due by the end of the month following the reporting quarter.

<u>Solvent Sales/Purchase Period</u>	<u>Reporting Deadline</u>
January - March	April 30th
April - June	July 31st
July -September	October 31st
October - December	January 31st

All proceeds from the collection of solvent surcharges shall be deposited into the Fund.

- (c) The operator of a drycleaning facility shall purchase solvent from a seller that collects surcharge fees. Where a seller fails to collect the surcharge fee on a sale of solvent, the drycleaner shall bring to the attention of said seller its obligation pursuant to the Act to collect said fees. If the seller still refuses to collect and remit said fees to the Department, then the drycleaner shall report such facts to the Department within 72 hours and, if the sale is consummated, shall remit the surcharge fee directly to the Department within 30 days of the sale. Failure of the drycleaner to follow this procedure shall subject it to the penalties prescribed in section 108 of the Act for failure to pay a surcharge fee. Nothing herein shall otherwise affect any penalties or other liabilities incurred by a seller pursuant to the Act or these rules by failing to collect or remit surcharge fees, except that there shall be no double recovery of surcharge fees by the Department.
- (d) A sale or transfer of solvent between drycleaners shall require that the seller collect the surcharge for remittance to the Department, if a surcharge has not already been collected on said solvent as part of a prior transaction, and is subject to the reporting requirements of subparagraph (b) of this paragraph.
- (e) **Fiduciary Responsibility:** Every person responsible for collecting or holding surcharges under the Act has the obligation to hold said amounts in trust for the Fund until said surcharges are paid to the Fund according to the Act and the regulations promulgated thereunder. Said person shall defend and protect, at his own expense, said surcharges from all losses and expenses of whatever nature, including but not limited to those occasioned by suits, levies, garnishments, and all other actions, losses, and expenses of whatever description, including all banking fees and charges or similar expenses. Said person shall promptly notify the Department of any action or circumstance which causes or threatens the collected surcharges with any loss or diminishment, including the person's insolvency or filing for protection under Federal bankruptcy law. All surcharges are the property of the Fund, and the person has no equitable right or claim to said surcharges. Any use of the surcharges or failure to defend said surcharges from loss or diminishment shall be deemed a violation of the trust relationship and these rules. Said person shall be liable to the Fund for all losses or diminishment of surcharges, including failure to collect. Surcharges should be deposited in a separate account used only for the purposes of this trust, or in the alternative, said surcharges should be clearly identified as trust property in the records and accounts of the person collecting the surcharge.

- (7) Failure to Pay the Annual Registration or the Solvent Surcharge Fees
- (a) Failure or refusal to pay a lawfully levied registration fee or solvent surcharge fee or any part of that registration fee or solvent surcharge will subject the person responsible for such payment to the provisions of T.C.A. § 68-217-108, and result in the denial of Fund access and the inability to receive Fund reimbursement.
  - (b) The Department shall not issue a Certificate of Registration to an owner or operator who has any facility for which fees, surcharges or penalties lawfully levied by the Department under these rules have not been paid.

Authority: T.C.A. §§4-5-201 et seq. and 68-217-101 et seq.

0400-15-03-.04 Best Management Practices.

(1) Purpose

Implementation of Best Management Practices (BMPs) is designed to prevent possible future releases of drycleaning solvents into the environment.

(2) Applicability

The following requirements apply to all drycleaning facilities and in-state wholesale distribution facilities.

(3) Best Management Practices (BMPs) for Drycleaning Facilities

All active drycleaning facilities shall comply with BMPs because they are critical for the prevention of drycleaning solvent releases.

(a) Compliance with Existing Regulations and Standards

Drycleaning facilities using perchloroethylene shall comply with MACT – 40 CFR 63, Subpart M, National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities and its amendments. If a facility purchases more than 2,100 gallons of perchloroethylene during any period of 12 consecutive months, it shall become a major source and must meet additional requirements of 40 CFR 63, Subpart M.

(b) Waste Management

1. As much as practicable waste containing solvent shall be recycled. No person shall place, store, or dispose of drycleaning solvent or a material or waste containing drycleaning solvent in a location or manner where such substances, either by themselves or in combination with other substances, will cause or may cause a release of drycleaning solvent either in a concentrated or diluted form to soil, sediment, ground water or surface water. Activities which are not allowed include, but are not limited to, the following:

- (i) No person shall dispose of or place filters, diatomaceous earth, sludges, condensate water, still bottoms or other waste material containing drycleaning solvent in a dumpster or other trash receptacle, on the ground, or in any location other than appropriate labeled storage containers for these materials.
- (ii) No person shall dispose of or place filters, diatomaceous earth, sludges, condensate water, separator water, still bottoms or other waste material containing drycleaning solvent in a sanitary sewer, storm sewer, septic tank, or any other underground structure which may result in a release.
- (iii) No person shall dispose of or place filters, diatomaceous earth, sludges, condensate water, still bottoms or other waste material containing drycleaning solvent in a location or manner such that drycleaning solvent or a waste

containing drycleaning solvent is released or may be released to the soil, sediment, ground water, or surface water.

- (iv) No person shall pump or transport drycleaning solvent or waste containing drycleaning solvent through underground pipes or lines which are not readily visible. Pipes or lines transporting solvent shall be placed in a trench sealed with a material impervious to PCE or the appropriate solvent(s) in use at the facility.
- (v) No person shall store a drycleaning solvent or waste containing a drycleaning solvent in an underground storage tank without documenting that the tank construction material is appropriate for the solvent material being stored. Underground storage tanks shall undergo upgrading and release detection as required for petroleum storage tanks in Chapter 0400-18-01, except deferrals listed in subparagraph (1)(b) of Rule 0400-18-01-.01 shall not apply.

- 2. Any waste containing or derived from dense non-aqueous drycleaning solvent shall be handled as follows, regardless of the drycleaning facility's amount of solvent consumption or waste generation. A hazardous waste transporter permitted in accordance with Rule 0400-12-01-.04 shall transport the material to an authorized Treatment, Storage or Disposal Facility (TSDF) or other location approved by the Tennessee Division of Solid Waste Management (TDSWM) for such wastes. A copy of all hazardous waste and hazardous material shipping manifests shall be maintained at the drycleaning facility or a designated alternate site for inspection by the Department upon request. These records shall be maintained for a minimum period of five years.
- 3. Any waste containing or derived from light non-aqueous drycleaning solvent shall be placed in a sealed container, removed from the facility, and disposed of at an appropriate disposal facility regardless of the amount of the drycleaning facility's solvent consumption or waste generation. A record of the date, quantity of waste removed and the disposal location shall be maintained at the drycleaning facility or a designated alternate site for inspection by the Department upon request. These records shall be maintained for a minimum of five years.
- 4. If a drycleaning facility is to be closed or remain out of operation as a drycleaning facility for 90 days or more, solvent and solvent containing materials are to be properly removed from the facility.

(c) Materials Storage

- 1. Solvent and solvent-containing materials shall be labeled and stored in containers that are in good condition with tightly fitting lids so as to minimize the possibility of a release. Containers should be located in a non high-traffic area of the facility and in an area that is not easily accessible to the general public.
- 2. Material Safety Data Sheets for the drycleaning solvents that may be used at the facility shall be kept at the facility and available to the Department upon request.

(d) Management of Releases of Drycleaning Solvents

- 1. All drycleaning facilities shall use release prevention methods. Facilities shall ensure that any release of drycleaning solvent is immediately contained and recovered, in order to abate to the greatest extent reasonably possible, further consequences to human health and the environment.
- 2. Notification Requirements

If it becomes reasonably apparent, while conducting environmental response activities, that an interim action is warranted to abate or mitigate an imminent and substantial danger to human health or the environment, the PEP shall take such action within twenty-four (24) hours after discovery of the danger and shall notify the Department of said actions.

(e) Certification

Effective October 15, 2007, each drycleaning facility shall be staffed by at least one person who is a Certified Environmental Drycleaner (CED) as certified by the International Fabricare Institute, or has a certification deemed equivalent by the Board to meet this requirement. In the event of termination of employment or loss of certification by the CED, the facility has six months to replace the CED.

(f) Containment Systems

1. Dikes or other containment systems shall be installed under and around each drycleaning unit, solvent storage area and liquid waste storage areas.
2. The system for each solvent storage and liquid waste storage area should be capable of containing a leak, spill or release of drycleaning solvent up to a quantity equal to 110% of the total amount of solvent that may be used or stored in the containment area.
3. The system for each drycleaning unit should be capable of containing a leak, spill or release of drycleaning solvent up to a quantity equal to 110% of the total amount of solvent that may be stored in the largest tank within the containment area.
4. To the maximum extent feasible, the sealants and other materials to be used in the construction of containment systems should not allow the transmission of drycleaning solvent.

(g) Elimination of Potential Release Pathways - Flooring Integrity

To prevent the possible migration of solvents into soil, ground water or other media all cracked flooring, floor drains, or other structural conditions or defects that might act as a release pathway for solvents shall be sealed.

(h) Solvent Delivery Systems

Drycleaning solvent shall be delivered to drycleaning facilities in such a manner as to minimize the possibility of spills and releases of solvent during transfer of the material. No pouring of drycleaning solvents from open buckets or other similar methods will be allowed. Delivery of drycleaning solvents shall be adequately monitored to prevent overfills and spills. Beginning October 15, 2000, dense non-aqueous solvents or products delivered to drycleaning facilities shall be via closed, direct-coupled delivery systems.

(4) BMPs for In-State Wholesale Distribution Facilities

All in-state wholesale distribution facilities shall comply with BMPs because they are critical for the prevention of drycleaning solvent releases.

(a) Spill Contingency Plan

In-state wholesale distribution facilities shall have a written Spill Contingency Plan at the facility and readily available for inspection. This document shall be signed and dated by a responsible party for the facility and shall be reviewed annually and updated as needed. A log of annual reviews denoting the date of the review and facility personnel involved shall be maintained and readily available for inspection. The Spill Contingency Plan must identify and describe:

1. The type and approximate quantities of drycleaning solvent located at the facility; including a to-scale facility layout map denoting the normal locations of solvents within the facility; designate the location of solvent transport vehicles;
2. Reasonably foreseeable potential releases from both normal operations and accidents at the facility;

3. The potential pathways of human exposure to drycleaning solvents resulting from potential releases;
4. The likely magnitude and nature of the human exposure resulting from potential releases and the human exposure resulting from a worst case scenario;
5. Drycleaning solvent handling methods, management and training practices, and any other programs in place at the facility or used during solvent transport operations that are designed to minimize or prevent solvent releases; and
6. The specific steps to be taken in the event of a fire, explosion, solvent spill or other similar potentially catastrophic event occurring at or near the facility; identify who is the primary coordinator for such events.

(b) Materials Storage and Handling

1. Solvent and solvent-containing materials shall be labeled and stored in containers that are in good condition with tightly fitting lids so as to minimize the possibility of a release. Containers should be located in an area that is not easily accessible to the general public.
2. Material Safety Data Sheets for the drycleaning solvents that may be stored or used at the facility shall be kept at the facility and available to the Department upon request. Monthly inspections of containers and storage areas shall be conducted and documented in a logbook. Logbooks shall be kept at the facility for a minimum of three years.
3. Drycleaning solvents shall be moved, handled, and transported with sufficient care to prevent damage to containers and releases to the environment.

(c) Management of Releases of Drycleaning Solvent

1. In-state wholesale distribution facilities shall have designated personnel to handle chemical spills and other similar circumstances and a designated primary coordinator for spills or other release situations that may occur at the facility or during transport of chemicals.
2. All in-state wholesale distribution facilities shall use release prevention methods. Facilities shall ensure that any release of drycleaning solvent is immediately contained and recovered, in order to abate to the greatest extent reasonably possible, further consequences to human health and the environment.
3. Notification Requirement

If a PEP has reason to believe that there is or may be an imminent and substantial threat to human health related to a release at a site, the PEP shall notify the Department of that fact as soon as possible but no later than 72 hours from the time of the discovery of the potential threat to human health.

(d) Containment Systems

1. Dikes or other containment systems shall be installed under and around each solvent storage area, liquid waste storage areas, and vehicle transport loading areas, or other facility features shall be in place that offer an equivalent level of protection and are designed to contain a release and prevent its migration into a sanitary sewer system or other utility pathways, onto other properties and surface areas, or into surface water, soil or groundwater.
2. Containment systems should be capable of containing a leak, spill or release of drycleaning solvent up to a quantity equal to 110% of the total amount of solvent that may be used, stored or loaded for transport in the containment area.

3. To the maximum extent feasible, sealants and other materials to be used in the construction of containment systems should not allow the transmission of drycleaning solvent.

(e) Elimination of Potential Release Pathways - Flooring Integrity

To prevent the possible migration of solvents into soil, ground water or other media all cracked flooring, floor drains, or other structural conditions or defects that might act as a release pathway for solvents shall be sealed.

(f) Solvent Delivery Systems

Drycleaning solvent shall be delivered to drycleaning facilities in such a manner as to minimize the possibility of spills and releases of solvent during transfer of the material. No pouring of drycleaning solvents from open buckets or other similar methods will be allowed. Delivery of drycleaning solvents shall be adequately monitored to prevent overfills and spills. Beginning October 15, 2000, dense non-aqueous solvents or products delivered to drycleaning facilities shall be via closed, direct-coupled delivery systems.

(5) BMPs for New and Reactivated Drycleaning Facilities and In-State Wholesale Distribution Facilities

Initial registration with the DCERP for active drycleaning facilities and in-state wholesale distribution facilities shall include a certification that all BMPs have been met. Any registered active drycleaning facility or in-state wholesale distribution facility that ceases operation for a period of twelve (12) consecutive months or longer, and then resumes operations must re-register with DCERP. Such re-registration is considered an initial registration. A facility inspection may be required for the purpose of ensuring compliance. The inspection shall be done according to a format and schedule determined by the Department.

(6) Requests For Extensions For BMP Implementation

(a) For good cause shown, except where there is an unreasonable threat to human health and the environment, the Department may grant an exemption or extend the deadline for a facility to comply with a BMP under this rule for a definite period of time. Good cause shall include, but not be limited to, the technical impracticability or prohibitive economic cost of BMP implementation as required under this rule.

(b) A request for an extension for BMP implementation shall be made in writing by a facility owner or operator. Requests for a BMP extension shall include: a detailed breakdown of the estimated BMP implementation costs, description of the work required to meet BMPs, an explanation as to why compliance with BMPs is technically infeasible or why the expected costs are prohibitive, and a description of any type of BMPs or other technical upgrades that have been put in place since October 15, 1997. Additional information may also be requested by the Department as part of a BMP extension request.

(7) Failure to Adopt, Install or Maintain

(a) Where an operator of a drycleaning facility or in-state wholesale distribution facility has failed to adopt, install, or maintain a BMP as required under these rules and where such action or omission significantly causes or contributes to a release or a failure to contain said releases, said person shall not be eligible under the program for reimbursement of response costs or other benefits for said release. Such failure is considered willful noncompliance with these rules.

(b) If a substantial release is caused by gross negligence the Department or the Board may withdraw Fund eligibility, withhold a registration renewal, or terminate a facility's registration under the DCERP. Such gross negligence is also considered willful noncompliance with these rules.

(8) Investigatory Powers and Duties of Board

The Board delegates to the Commissioner the following powers of investigation:

- (a) To enter a facility at reasonable times to inspect for the installation and maintenance of BMPs; and
- (b) To inspect and copy at reasonable times any records, reports, test results, or other information relating to BMPs.

Authority: T.C.A. §§68-217-101, et seq. and 4-5-201 et seq.

0400-15-03-.05 Qualifications and Procedures for Environmental Response Activities

(1) General

(a) Purpose.

This rule is promulgated to establish guidelines and procedures by which applicants investigate and remediate facilities in order to preserve the right to seek reimbursement of expenses from the Fund.

(b) Applicability.

Requirements of this rule apply to all applicants.

(c) Initial abatement and site stabilization costs.

Nothing in this rule shall be construed to prohibit the implementation of initial abatement and site stabilization measures upon the discovery of a release of drycleaning solvent. The costs of such measures may be Fund eligible regardless of compliance with this rule, in accordance with subparagraph (3)(c) of Rule 0400-15-03-.08.

(2) Application for Entry into the Program

(a) Persons wishing to apply for entry into the program and reimbursement of costs from the Fund for eligible expenses shall first submit an application for the Department's review and approval.

(b) An application must be submitted by the applicant to the Department in a format determined by the Department. The application shall be complete, legible and accurate, and shall include the following:

1. All applications shall contain verification that the subject facility is currently registered with the Department and that all applicable fees and surcharges are paid.
2. In all applications, a person with appropriate legal authority shall grant the applicant, the applicant's contractor(s), and the Department the right of ingress and egress to the facility to perform the activities authorized by this program.
3. Applications for active facilities or abandoned facilities (where the application is filed by the operator of the drycleaning facility) must either:
  - (i) Include a certification by the operator that the operator has full legal authority to authorize the Department's access of the facility for all solvent impact assessments and response actions; or
  - (ii) If the operator lacks such legal authority, the application must be filed jointly by the operator and the property owner. The applicant(s) shall designate the person who will receive Fund reimbursement under the program and the applicant's point of contact concerning the application.
4. Applications for abandoned facilities (filed by the impacted third parties) must be filed jointly by the impacted third party and the property owner if other than the impacted third party. The applicant must certify to the best of their knowledge that the facility meets all requirements for Fund eligibility. The applicants shall designate the person who will

receive Fund reimbursement under the program and the applicant's point of contact concerning the application.

5. An impacted third party who is not the real property owner of the facility may file an application, without other signatories, if a previous application has been filed and accepted for the facility which grants ingress and egress. If no previous application has been filed and approved for the facility the impacted third party must file an application jointly with the real property owner.
  6. Any other information requested by the Department.
- (c) The Department shall confirm in writing to the applicant that an application has been received and identify any alleged deficiencies. Subject to the availability of DCERP funds, and after receipt and evaluation of a complete application, the Department shall notify the applicant to proceed with a facility inspection if the site is an active facility. The Department may also require a facility inspection of an abandoned facility. Based on the applicant's Fund eligibility certification in the application, the facility inspection shall preliminarily be considered a Fund eligible expense, subject to the appropriate deductible.

(3) Facility Inspection

If a facility inspection is required by the Department, the applicant shall perform the facility inspection. At a minimum, the facility inspection shall include a records review and an on-site inspection. The records review shall include, but not necessarily be limited to, documentation of the determination of FTEs (for those years fees were based on FTEs), solvent purchases, waste handling practices, equipment maintenance and repair, equipment upgrades, and other items requested by the Department. The on-site inspection shall include, but not necessarily be limited to, evaluation of equipment, operations, containment, solvent storage, waste disposal, signs or evidence of a release, compliance with BMPs, and other items requested by the Department. The applicant shall submit a facility inspection report to the Department in a format and according to a schedule determined by the Department. A facility may be re-inspected by Department staff.

(4) Fund Eligibility Determination; Opportunity to Cure

- (a) After review of the application and facility inspection, the Department shall notify in writing all applicants of its determination on acceptance of the site into the program and Fund eligibility. If the site is denied entry into the program or Fund access based on the facility inspection, the notification shall include the reasons for denial and the opportunity to cure deficiencies, as provided below. The reasons for denial shall include the failure:
1. Of the applicant to meet the definition of a current or prior owner or operator of an active or abandoned drycleaning facility, in-state wholesale distribution facility, or an impacted third party;
  2. Of the facility to meet the definition of an abandoned or active drycleaning facility, or in-state wholesale distribution facility;
  3. Of an abandoned or active drycleaning facility, or in-state wholesale distribution facility to register;
  4. To pay all applicable registration fees, penalties and interest;
  5. To pay all applicable surcharges and penalties;
  6. To implement applicable BMPs at a drycleaning facility, or in-state wholesale distribution facility;
  7. To conduct an appropriate facility inspection; or
  8. To comply with other requirements of these rules and the Act.

(b) Opportunity to Cure

1. If an active facility has failed to register with the Department, the site will not be accepted into the program and will not be eligible for reimbursement of response costs. For purposes of this determination, failure to register shall mean the failure to meet and/or cure all material registration requirements of Rule 0400-15-03-.03 before the earlier of:
  - (i) The filing of an application for entry into this program; or
  - (ii) The discovery of the release which triggers the need for a response action.
2. If an abandoned facility has not been registered by an appropriate person with the Department, the site will not be accepted into the program and will not be eligible for reimbursement of response costs until payment of all registration fees, interest and penalties pursuant to T.C.A. § 68-217-106(b).
3. If the Department's records reveal that the appropriate fees, surcharges, interest and penalties have not been paid, the site will not be accepted into the program and will not be eligible for reimbursement of response costs other than the initial facility inspection until all money owed has been paid.
4. If the Department's records reveal that applicable BMPs have not been implemented, the facility operator will not be accepted into the program and will not be eligible for reimbursement of response costs other than the initial facility inspection. Except as provided in paragraph (7) of Rule 0400-15-03-.04, the facility operator will be accepted into the program and will be eligible for fund reimbursement after correcting any such deficiencies. The applicant may request follow-up inspections after correcting deficiencies. However, all facility inspections subsequent to the initial facility inspection conducted at the applicant's request will not be Fund reimbursable.
5. Real Property Owner as Impacted Third Party
  - (i) Notwithstanding the fact that the facility inspection reveals that applicable BMPs have not been implemented, an impacted third party that has never operated the facility and that is the real property owner of the drycleaning site will remain eligible for reimbursement of response costs beyond the initial facility inspection unless:
    - (I) Such party:
      - I. Had actual knowledge of the operator's failure to implement BMPs prior to the release, and
      - II. Failed to notify the Department of such operator's failure within sixty (60) days of such knowledge; or
    - (II) Such party failed to make a good faith effort to require the operator's compliance with applicable BMP requirements promulgated under the Act. For purposes of this rule, a good faith effort to require the operator's compliance with applicable BMPs means that the real property owner:
      - I. At the first reasonable opportunity, imposes an obligation under the lease or other contractual agreement on the operator to comply with applicable BMPs; and
      - II. Takes any other reasonable action to encourage implementation of BMPs by the operator.
  - (ii) Notwithstanding compliance with the provisions of subpart (i) of this part, where the facility inspection reveals that applicable BMPs have not been implemented, in order for an impacted third party who is the real property owner of the site to

remain eligible for Fund reimbursement:

- (I) The site must be an abandoned facility;
  - (II) The impacted third party must cause the implementation of appropriate BMPs; or
  - (III) The impacted third party must terminate the tenancy of the operator of the drycleaning facility.
- (iii) Eligibility for Fund reimbursement of the real property owner of the site shall not relieve the facility operator from liability for any release under any other law or for third party claims.

6. An impacted third party that is not the owner of the real property on which the facility is located is not responsible for the failure to implement BMPs and need not cure such failure. However, upon application by an impacted third party who is not the owner of the real property on which the facility is located, the Department shall notify the operator of the facility and the real property owner of the impacted third party's application and provide them with the opportunity to enter the program within a specified time period, and to implement applicable BMPs in accordance with these rules. If neither the operator of the facility nor the real property owner enters the program and corrects the deficiencies, the Department may initiate activities to evaluate the site under Chapter 0400-15-01 Inactive Hazardous Substance Site Remedial Action Program. The Fund will be responsible to the Remedial Action Fund for eligible costs of the impacted third party's apportioned share of response costs, subject to the applicable deductible. Eligibility for Fund reimbursement of an impacted third party that is not the owner of the real property on which the facility is located shall not relieve the facility operator or the real property owner of the site from liability for any release under any other law or for third party claims, including without limitation liability for reimbursement of response costs paid out of the Remedial Action Fund.

7. If any deficiencies are not corrected within a time frame specified by the Department, the applicant will be denied Fund access. If Fund access is denied, the applicant shall have thirty (30) days from the Department's mailing of the notice to appeal the denial to the Board. If the Board upholds the denial of Fund access, or if an appeal is not made within thirty (30) days, the Department may revoke the operator's Certificate of Registration, notify solvent suppliers of such revocation and initiate activities to evaluate the site under Chapter 0400-15-01 Inactive Hazardous Substance Site Remedial Action Program.

(5) Prioritization Investigation

(a) For sites which receive a notice of Fund eligibility, the applicant shall perform a prioritization investigation according to a format established by the Department. The applicant shall submit a work plan; a cost proposal including, but not limited to, a breakdown of cost by category listed in the reimbursement request; a maximum cost which may not be exceeded in the prioritization investigation; and a schedule for implementation of the prioritization investigation. The applicant shall make any changes to either the work plan, cost proposal or schedule of implementation required by the Department. Subject to the availability of DCERP funds, approval of the work plan, cost proposal, and approval of the proposed schedule, the Department shall authorize implementation and notify the applicant to proceed with the prioritization investigation. The PEP shall implement the prioritization investigation as required by the Department. Following the prioritization investigation, the applicant shall submit the results of the prioritization investigation to the Department according to a schedule and in a format determined by the Department. The applicant may perform activities in addition to work requested by the Department at the prioritization investigation stage; however, only activities required by Department guidance or specifically pre-approved by the Department shall be Fund eligible expenses for the prioritization investigation. If additional activities are performed, results of the additional work shall be submitted to the Department within forty five (45) days of the completion of any phase of additional activities.

- (b) Once the prioritization investigation is completed and a report is submitted to the Department, the Department shall evaluate all pertinent information and make a determination for further investigation and remediation of any release of drycleaning solvent. At the Department's discretion, a prioritization investigation may also be performed by the Department.
- (6) Prioritization for Investigation or Interim Action
  - (a) The Department shall utilize the prioritization investigation report and other applicable information to prioritize approved sites for further investigation or interim action.
    - 1. Interim Action Needed.
    - 2. Immediate Investigation Needed.
    - 3. Non-time Critical Investigation Needed.
  - (b) Subject to the availability of DCERP funds, additional activities will be approved at sites in accordance with the priority ranking schedule.
  - (c) At all stages within this program, the approval of additional work to be funded by the DCERP will be done with consideration for the relative threats to human health and the environment associated with each site. Sites in the program are at any time subject to reprioritization by the Department based upon the receipt of additional data that may affect the prioritization determination.
- (7) Implementation of Interim Action or Solvent Impact Assessments
  - (a) Interim Action
    - 1. The Department shall notify the applicant of the Department's determination of the need for interim action within sixty (60) days of receiving a complete prioritization investigation. Subject to the availability of funds, the Department shall notify the applicant to prepare a work plan, cost proposal, and schedule of implementation to perform interim action, which shall be submitted to the Department according to the schedule and in the format required by the Department. The applicant shall make any changes to the work plan, cost proposal, or schedule of implementation required by the Department.
    - 2. Subject to the availability of funds, approval of the work plan, approval of the cost proposal, and approval of the proposed schedule the Department shall authorize implementation and notify the applicant to proceed with the interim action. The applicant shall implement the interim action as approved by the Department. The DCERP Board may declare the site ineligible for reimbursement if the interim action is not performed in accordance with the schedule and work plan requested by the Department.
    - 3. Following the interim action, the applicant shall submit the interim action report to the Department according to a schedule and in a format determined by the Department. If the applicant or the Department performed interim action at the site, then the site will be re-prioritized for investigation.
  - (b) Solvent Impact Assessments
    - 1. The Department shall notify the applicant of the Department's determination of the need for solvent impact assessment within sixty (60) days of receiving a complete prioritization investigation. Subject to the availability of funds, the Department shall notify the applicant to prepare a work plan, cost proposal, and schedule of implementation to perform the solvent impact assessment, which shall be submitted to the Department for approval according to the schedule and in the format required by the Department. The applicant shall make any changes to the work plan, cost proposal, or schedule of implementation required by the Department.
    - 2. Subject to the availability of funds, approval of the work plan, approval of the cost

proposal, and approval of the proposed schedule the Department shall authorize implementation and notify the applicant to proceed with the solvent impact assessment. The applicant shall implement the solvent impact assessment as approved by the Department. Following the investigation, the applicant shall submit the solvent impact assessment report to the Department according to a schedule and in a format determined by the Department.

3. Subject to subparagraph (6)(g) of Rule 0400-15-03-.08 minor adjustments in the approved work plan, as required based on field or subsurface conditions, do not require approval by the Department.

(c) Supplemental Investigations

1. If the Department requires the applicant to perform supplemental investigation at the site the applicant shall submit an addendum work plan to conduct the necessary investigation, a cost proposal, and schedule to the Department according to the schedule and in the format requested by the Department. The applicant shall make any changes to the work plan, cost proposal or schedule of implementation required by the Department.
2. Subject to the availability of DCERP funds, approval of the work plan, approval of the cost proposal, and approval of the proposed schedule, the Department shall authorize implementation and notify the applicant to implement the work plan as approved.
3. Following completion of the supplemental investigation, the applicant shall submit the investigation results to the Department according to a schedule and in the format requested by the Department.

(d) Investigation or Interim Action Report

An investigation or interim action report shall include a description of activities undertaken during the investigation or interim action, observations made, sampling results, any adjustments to the work plan, and other information required by the Department.

(8) Remedial Alternatives Study

If requested in writing by the Department, following the Department's review of the investigation report, the applicant shall submit a remedial alternatives study report to the Department according to a schedule and in a format requested by the Department. The remedial alternatives study format may include a description of proposed pilot testing, response action, or alternative remedial approaches. A cost proposal for the proposed activities outlined in the remedial alternatives study may also be required at this time.

(9) Remediation Priority Ranking

(a) Two Fund Groups

1. Based on the results of a solvent impact assessment or interim action and other relevant factors, the Department shall rank approved sites for remediation in one of two site remediation fund groups. The first group will be for sites which use or have released dense non-aqueous solvents or products. The second group shall be for sites which use or have released light non-aqueous solvents or products. A facility or site which is contaminated by both solvent types shall be placed in a group based on which solvent release poses the greatest risk to human health and the environment.
2. The amount of remediation funds which shall be segregated for each remediation priority ranking group shall be proportional to the percentage of each group's total contribution to the Fund for the immediately preceding fiscal year. If Fund money is needed to address a site which requires or may require an immediate action to protect human health, but the appropriate remediation group does not have sufficient funds to undertake the necessary activities, then the Board may authorize money to be used from the other group to perform the action.

- (b) Sites will be ranked for remediation within each of the following groups:
  - 1. Immediate Remedial Action Needed.
  - 2. Remedial Action Pending.
  - 3. Monitoring Only.
  - 4. No Remedial Action Required.
- (c) The Department shall notify the PEP, in writing, of the site's remediation priority ranking group and the relative ranking for the site within that group. Sites in the program are at any time subject to reprioritization by the Department based upon the receipt of additional data that may affect the prioritization determination.
- (d) At all stages within this program the approval of additional work to be funded by the DCERP will be done with consideration for the relative threats to human health and the environment associated with each site.
- (e) Subject to the availability of DCERP funds, remedial actions will be approved at sites in accordance with the remediation priority ranking schedule. For sites which have equivalent ranking status within a single group, funds will be authorized according to the chronological order in which the applications were received.

(10) Implementation of Remediation

- (a) Based on availability of funds, the site ranking, and the remediation required, the Department shall notify an applicant to prepare a work plan, cost proposal and schedule of implementation to perform the remediation activities. The applicant shall make any changes or modifications to the work plan, cost proposal, or schedule of implementation required by the Department. Subject to the availability of funds, approval of the work plan, approval of the cost proposal, and approval of the proposed schedule of implementation, the Department shall authorize implementation and notify the applicant to perform the necessary approved remedial action at the site. The applicant shall implement the remediation plan as approved by the Department.

The DCERP Board may declare a site ineligible for reimbursement if a remedial action is not performed in accordance with the schedule and work plan requested by the Department.

- (b) Following the implementation of the approved work plan, the applicant shall submit to the Department a remediation report containing a description of the activities undertaken during the remediation, observations made, sampling results, and other information requested by the Department according to a schedule and format determined by the Department. If the remediation will require long term operation and maintenance or monitoring, the applicant shall submit the remediation report after all approved activities other than operation and maintenance or monitoring have been completed.
- (c) If the remediation requires long term operation and maintenance (O&M) or monitoring, the applicant shall prepare an O&M or monitoring plan according to a schedule and in the format required by the Department and submit the O&M or monitoring plan to the Department. The applicant shall make any changes or modifications to the plan required by the Department. The applicant shall implement the O&M or monitoring plan as approved.

(11) Completion Letter

After all required interim action, investigation, remediation, or other required activities are completed at the site, a completion letter shall be issued to the applicant by the Department. Following issuance of the completion letter and reimbursement of all authorized costs, the site shall return to non-Fund eligible status and, unless otherwise approved by the Board, the applicant may no longer receive Fund reimbursements without reapplying for Fund eligibility. Nothing in this paragraph shall prevent the Department from issuing an interim status letter while O&M or monitoring at a site is ongoing, or from

continuing Fund reimbursement of authorized costs related to such O&M or monitoring after issuance of an interim status letter.

(12) Non-Reimbursement Review

- (a) The program may provide oversight of registered facilities requesting review, which will not be seeking Fund reimbursement. Prior to issuance of a Response Complete Letter the program will ensure that the investigative and remedial activities were comparable to sites participating in the program for reimbursement of environmental response activities and that to the extent practicable were consistent with program regulations. The requester shall submit a written request to the program for review/oversight and shall document or include the following: BMP compliance, the facility is current with all fees, surcharges, and penalties, the work has or will be performed by a Drycleaner Approved Contractor (DCAC), signed acknowledgment that costs expended will not be eligible for reimbursement from the Drycleaner Fund, and that all pertinent documents/reports have been submitted to the program.
- (b) The program may provide oversight of unregistered facilities requesting reviews, which will not be seeking Fund reimbursement. The program may deny any request for a review that is not reasonable or cost effective. Prior to issuance of a Response Complete Letter the program will ensure that the investigative and remedial activities were comparable to sites participating in the program for reimbursement of environmental response activities and that to the extent practicable were consistent with program regulations. The requester shall submit a written request to the program for review/oversight and shall include an acknowledgement that costs expended will not be eligible for reimbursement from the Drycleaner Fund and shall submit all pertinent documents/reports related to environmental activity at the site. In addition the requester shall pay a program oversight fee of \$5,000.
- (c) Notwithstanding the request for and provision of oversight under the program pursuant to either subparagraph (a) or (b) of this paragraph, any applicant may apply for entry of a facility in the program in accordance with this rule and proceed to comply with the requirements there under; provided, that any costs incurred under oversight pursuant to subparagraphs (a) or (b) of this paragraph shall not be reimbursable from the program Fund. The program oversight fee in accordance with subparagraph (b) of this paragraph will be applied to the deductible should any applicant enter said facility into the reimbursement program.

Authority: T.C.A. §§4-5-201 et seq. and 68-217-101 et seq.

0400-15-03-.06 Withdrawing an Applicant's Grant of Approval.

- (1) The Department may withdraw any favorable determination concerning any application for entry into the program previously granted if it determines that the applicant is in willful noncompliance with the provisions of the Act or these rules without giving an opportunity to cure. Willful noncompliance includes, but is not limited to:
  - (a) An applicant's material misrepresentation of facts in its registration application or its petition for entry into the program; or
  - (b) The applicant's failure to timely adopt, install or maintain an applicable BMP where such action or omission significantly causes or contributes to a release or a failure to contain said release.
  - (c) An applicant's intentional misrepresentation of material environmental conditions concerning the applicant's site; an applicant's unreasonable delaying submittal of pertinent site data and information; an applicant's filing or reporting of false, misleading, or inaccurate material information with the Department; or any other such intentional actions taken by the applicant which significantly impedes the Department's ability to properly evaluate the site and/or determine appropriate response actions for that site.
- (2) Order Withdrawing Grant of Approval

The withdrawal of an applicant's grant of approval shall be accomplished by the issuance of a Commissioner's Order pursuant to Rule 0400-15-03-.10. Said order shall include a statement of the facts

constituting the alleged violations. The Commissioner's Order may also provide for the immediate suspension of reimbursement payments from the Fund and for the return of any Fund payments made to any person that was ineligible at the time of receipt of said funds. Known impacted third parties shall also be sent notice of the withdrawal of approval by the Department. Notice to impacted third parties shall be sufficient if written notice is provided to any lessor of real property, known to the Department, on which an active or abandoned drycleaning facility or in-state wholesale distribution facility is located, as well as any third party, known to the Department, who owns or leases property that is known or suspected by the Department to have been contaminated from the release in question by solvents or their degradation products. The order shall be delivered by personal service or sent by certified mail, return receipt requested.

(3) Appeal of Commissioner's Order

(a) Any person against whom such an order is issued may appeal said order to the Board by filing a written petition pursuant to Rule 0400-15-03-.10. The recipient of the order shall provide a copy of said appeal to known impacted third parties at the time of its filing and provide reasonable notice of the date set for a hearing of the petition. A suspension of Fund payments by the Department shall remain in effect pending any appeal of a Commissioner's Order.

(b) Should the recipient of the order and the Department agree to hear a contested petition at a time other than the time communicated to impacted third parties, then the known impacted third parties shall be notified by the recipient of the order of the new hearing date at least five business days in advance of the hearing.

(c) Following the hearing of a contested petition, the Board shall determine whether the petitioner should be eligible for reimbursement of some or all of its expenses from the Fund. If the Board determines that only part of the petitioner's expenses should be reimbursable, the petitioner shall be liable for the release in question, save for those expenses identified as reimbursable by the Board, and shall not otherwise be eligible for program benefits.

(4) Except as provided in paragraph (5) of this rule, if a person becomes ineligible for Fund reimbursement because of conduct occurring after the granting of the petition for entry into the program, another applicant may only obtain reimbursement from the Fund for the site only so long as all requirements for the site, including the payment of registration fees, surcharges, and penalties thereon are met.

(5) The Department may, through an order issued pursuant to Rule 0400-15-03-.10, withdraw any favorable determination concerning any otherwise eligible party who:

(a) Contributes to or cooperates in a material misrepresentation in another eligible party's petition within its knowledge; or

(b) Fails to timely inform the Department or Board of a material misrepresentation in another eligible party's petition within its knowledge or acquiesces in such failure.

Authority: T.C.A. §§68-217-101, et seq. and 4-5-201 et seq.

0400-15-03-.07 Reserved for Cleanup Goals / Cleanup Actions.

Authority: T.C.A. §§68-217-101, et seq. and 4-5-201 et seq.

0400-15-03-.08 Administrative Guidelines for the Tennessee Drycleaner Environmental Response Fund.

(1) Fund Obligations

(a) The Commissioner shall obligate money from the Fund based on the following procedures:

1. Available monies in the Fund shall be obligated for response activities based on the priority ranking system and statutory limitations. For sites which have equivalent ranking status within a single group, funds will be obligated according to the chronological order in which the complete application for entry into the program was received.

2. Available monies in the Fund shall be specifically designated for response activities as such activities are approved and authorized for implementation by the Department.
- (b) The Commissioner will make payments from the Fund when:
1. The applicant has petitioned the Board for entry into the program, has complied with all requirements for entry into the program, and has been accepted by the Board.
  2. A reimbursement request is received, according to a schedule and format determined by the Department, for response costs associated with a release of drycleaning solvent for which the Department has authorized the work related to such response costs, subject to a determination by the Department that the costs are reasonable and/or consistent with the related work plan and cost proposal authorized by the Department.
- (c) Clean-Up Before the Designation of Fund Monies
1. In the event that an applicant for any reason undertakes actions which are reimbursable under the Act after entry into the DCERP program but before Fund money is designated for investigation or remediation of the site under the priority ranking system, the applicant may perform approved actions in accordance with these rules. Funds shall be obligated for and reimbursed to the applicant for eligible expenses when funds become available pursuant to the priority ranking system.
  2. An applicant that performs approved actions in accordance with these rules shall be eligible for reimbursement according to the law, regulations and guidance in effect at the time the activities were performed. Applicants performing activities under this subparagraph must meet all requirements for fund eligibility applicable at the time the activities are performed in order to receive future reimbursement.
  3. Only work plans and cost proposals approved in writing by the DCERP staff after the effective date of these rules are applicable for reimbursement.
- (d) All claims against the Fund are obligations of the Fund and not of the state, and any amounts to be paid under this rule are subject to the availability of sufficient monies in the Fund. The full faith and credit of the state shall not in any way be pledged or considered to be available to guarantee payment from such Fund.
- (2) Scope of Fund Coverage
- (a) The Fund will provide reimbursement for the reasonable cost of Department-authorized inspection, investigation and remediation, exclusive of interest, at sites accepted into the program. All costs consistent with cost proposals approved by the Department shall be considered reasonable costs.
- (b) The following deductibles shall apply per site for active drycleaning facilities, abandoned drycleaning facilities and in-state wholesale distribution facilities that petition the DCERP Cleanup Program:
1. For petitions received prior to the effective date of this rule amendment, deductibles that apply are those in effect for the active drycleaning facilities, abandoned drycleaning facilities or in-state wholesale distribution facilities when the site entered the cleanup program.
  2. For petitions received on or after July 1, 2011, the deductible shall be 10% per reimbursement with a maximum deductible of \$50,000.
  3. An impacted third party's deductible is the same as the facility for which fund coverage is sought.
- (3) Authorized Disbursements from the Fund

- (a) Whenever the Commissioner determines a release has occurred at an eligible site, the Department shall, subject to the provisions of these rules including site prioritization, disburse monies available in the Fund to provide for reimbursement of the reasonable cost of:
    - 1. DCERP authorized inspection, investigation, assessment and cleanup of sites contaminated by a release of drycleaning solvents, which may consist of clean-up of affected soils, groundwater, sediment, surface water, air or other environmental media using cost-effective alternatives that are technically feasible and reasonable, and that provide adequate protection of the public health, safety and welfare and minimize environmental damage.
    - 2. The interim replacement of and permanent restoration of potable water supplies.
  - (b) Where the Commissioner has determined that an immediate response to an eligible site was necessary as a result of an imminent and substantial danger, with the response funded by the Hazardous Waste Remedial Action Fund, the costs of any such response actions may be reimbursed from the Fund, with the Board's approval.
  - (c) The costs for reasonable initial abatement and site stabilization activities are Fund eligible, up to \$5,000 and subject to applicable deductibles, without submission and prior Department approval of a cost proposal. The costs must be directly associated with containing or addressing a release of solvent or material containing solvent. Normal operating practices, including but not limited to the proper disposal of solvent or material containing solvent, are not considered initial abatement or site stabilization activities.
  - (d) The costs for implementing an initial Facility Inspection required by the Department pursuant to paragraph (3) of Rule 0400-15-03-.05 are eligible for reimbursement, regardless of whether the Facility Inspection determines that the site is eligible or ineligible for further reimbursement.
  - (e) Costs incurred by the Department in the administration of the Act and these rules shall be charged to the Fund.
  - (f) The Fund shall be available to the Board and the Commissioner for expenditures for the purposes of providing for the investigation, identification, and for the reasonable and safe cleanup, including monitoring and maintenance of sites as provided in the Act.
  - (g) The Commissioner may enter into contracts and use the Fund for:
    - 1. Hiring consultants and personnel;
    - 2. Purchase, lease or rental of necessary equipment;
    - 3. Conducting Interim Actions; and,
    - 4. Other necessary expenses.
- (4) Fund Ineligible Costs
- (a) The Department may not authorize expenditure of monies from the Fund in an amount in excess of two hundred thousand dollars (\$200,000) per fiscal year for releases from any individual facility, unless approved by the Board.
  - (b) The Department shall not authorize distribution of monies from the Fund that would result in a diminution of the Fund below a balance of one hundred thousand dollars (\$100,000) unless an emergency exists at a facility that constitutes an imminent and substantial threat to human health or the environment.
  - (c) The Department shall not authorize distribution of Fund monies as specified in T.C.A. § 68-217-107(d).
  - (d) The Department shall not authorize distribution of Fund monies for response actions not

undertaken in accordance with the regulations and guidance established by the Board.

- (e) Monies held in the Fund shall not be used to reimburse costs incurred by owners or operators of facilities in conducting repairs, retro-fits, or the implementation of best management practices.
  - (f) The Fund shall not be obligated and shall not pay out any funds for any non-response type of damages, losses, costs, or expenses of any kind, including but not limited to stigma damages or diminution of value to real or personal property caused for any reason, including but not limited to a release of solvents or any activities approved under the Act or these rules; the restoration or repair (other than response actions) of any real and personal property for any reason, including but not limited to damages resulting from the release of solvents or any activities approved under the Act or these rules, or injury or death caused for any reason, including but not limited to a release of solvents or any activities approved under the Act or these rules. In addition, the Fund shall not be used for the landscaping of sites but shall only be used to restore those portions of the site affected by Fund approved activities to a safe condition. Finally, the Fund shall not be obligated and shall not pay any penalties or fines, or other punitive expenses levied or incurred for any reason, including but not limited to a release of solvents or any activities approved under the Act or these rules.
  - (g) The Fund shall not be obligated and shall not pay out any funds for costs in which there was no prior written DCERP authorization or which were incurred prior to the effective date of these rules.
  - (h) Monies held in the Fund shall not be used to reimburse owners or operators of facilities conducting investigative or remedial activities under paragraph (12) of Rule 0400-15-03-.05.
- (5) Maintaining Fund Eligibility

All applicants must meet the following requirements in order to maintain Fund eligibility:

- (a) The owner or operator of the facility shall remain in material compliance with the Act and program regulations, including but not limited to applicable BMPs.
- (b) All required fees and surcharges shall be paid.
- (c) Adequate records shall be maintained and made available to the Department upon request.
  - 1. Drycleaning facilities are required to maintain the following records on site and reasonably available for inspection, or at a readily available alternative site:
    - (i) Documentation of solvent purchases or transfers;
    - (ii) Adequate employee payroll records which document and support the facilities FTEs;
    - (iii) Waste disposal manifests;
    - (iv) Documentation of equipment maintenance, repairs or retro-fits, including best management practices;
    - (v) Documentation of all site investigation and cleanup plans and expenses.
  - 2. In-state wholesale distribution facilities are required to maintain the following records on site and reasonably available for inspection, or at a readily available alternative site:
    - (i) Documentation of solvent sales or transfers;
    - (ii) Waste disposal manifests;
    - (iii) Documentation of equipment maintenance, repairs or retro-fits, including best management practices;

- (iv) Documentation of all site investigation and cleanup plans and expenses.
3. Unless the Department instructs otherwise, all records required to be maintained by this subparagraph shall be retained for three years after:
- (i) The issuance of a certificate of completion of all necessary investigation and remedial work or further that no investigation and remediation is necessary with respect to a site; or
  - (ii) Ownership and all records pertaining thereto are transferred to a new owner.
- (d) After being accepted into the DCERP, report to the DCERP any solvent releases which may impact the investigation or remediation of the site.
- (6) Requirements for Fund Reimbursement of Response Costs

An applicant who is Fund eligible is entitled to reimbursement of response costs for approved investigation and cleanup costs from the Fund subject to the following provisions:

- (a) Applicants must perform initial response actions in accordance with Rule 0400-15-03-.04 including initial abatement measures and free product removal necessary to properly stabilize a site and to prevent significant continuing damage to the environment or risk to human health.
- (b) Applicants must select a contractor from the Department's Drycleaner Approved Contractor (DCAC) list. The Department must be notified in writing of such a selection within thirty (30) days or other time specified by the Department. A contractual agreement must be established between the potentially eligible party and the contractor. The Department must be provided a letter signed by both parties confirming that a contractual relationship exists for environmental response actions.
- (c) Following completion of necessary site stabilization actions, subsequent inspections, investigative and corrective actions and their cost estimates must be approved by the Department in accordance with Rule 0400-15-03-.05 and performed by DCACs approved in accordance with the requirements of these rules. Response actions, other than those identified in subparagraph (a) of this paragraph, performed prior to acceptance of an associated cost proposal shall not be eligible for reimbursement, unless they were undertaken at the specific direction of the DCERP.
- (d) Upon review of a cost proposal for Fund eligible activities the Department may:
  - 1. Accept the cost proposal and authorize work to be initiated; or
  - 2. Request a modification to or clarification of the cost proposal if projected costs are not determined to be reasonable.
- (e) In addition to the requirements of subparagraph (c) of this paragraph, the Department may request and, upon that request, the applicant shall submit an estimate of the total cost of remediation for the site which will be used by the Board and Department in projecting future funding requirements for the Fund. The estimate shall be updated by the applicant as more complete information regarding a site becomes available.
- (f) Upon acceptance of a cost proposal by the Department, sufficient monies will be obligated from the Fund for completion of the particular phase of work along with authorization for the initiation of the proposed action. Payments from the Fund shall be subject to the availability of funds at the time of acceptance by the Department.
- (g) The cost of completing any task in an approved work plan that exceeds the amount in the accepted cost proposal, may be denied by the Department unless:
  - 1. An amended written cost proposal is submitted and approved before the original cost proposal is exceeded; or

2. Oral approval is given by the Department and within two working days, a written amended cost proposal consistent with such oral approval is submitted to the Department.
- (h) The DCAC shall keep and preserve detailed records demonstrating compliance with approved investigative and response action plans, and all invoices and financial records associated with costs for which reimbursement will be requested. These records shall be maintained by the DCAC for at least three years after the response action has been completed for a site.
- (7) Applications for Reimbursement
- (a) Applications for reimbursement of response costs shall be submitted in a format established by the Department and shall, at a minimum, include an itemization of all labor charges (individual name, DCERP personnel category, date, rate and number of hours worked), analytical charges, equipment charges, and other categories which may be identified by the Department, or which the applicant may wish to provide.
  - (b) The application shall contain the following statement which shall be signed by the applicant and the project manager of the DCAC:
    1. I certify to the best of my knowledge and belief: that a release of drycleaning solvent has occurred from the operation of the subject active or abandoned drycleaning facility or in-state wholesale distribution facility; that the costs presented herein represent actual costs incurred in the performance of response actions at this site during the period of time indicated on this application; and that no charges are presented as part of this application that do not directly relate to the performance of response actions related to the release of solvent at this site.
    2. Any material misrepresentation or omission regarding said application may be considered willful noncompliance with these regulations and may serve as a sufficient basis for the Department's denial of the application and access to Fund reimbursement.
  - (c) If a site has previously been the subject of an application for Fund eligibility that was denied, and where the reasons for denial have been properly cured or are subject to cure as set forth in these rules, the burden shall be on the applicant to demonstrate by substantial and material evidence in the application that an application does not include actions or expenses for releases that were the subject of applications that have been previously denied.
  - (d) Applications for payment for the implementation of response actions may be submitted sixty (60) days following initiation of work to implement the work plan and at sixty (60) day intervals thereafter until completion of the authorized activities. For work phases that will be completed within a relatively short time frame (i.e., three months or less), a reimbursement application should be submitted following the completion of the pre-approved work plan. Interim billings for phases of work that will not be completed in a short time frame shall include the expenses for a specified period of time (e.g., January-March) and shall, to the extent practicable, not have overlapping dates with prior or subsequent interim billings. The Department may request a status report to be submitted with each application for payment. Upon request, the Department may approve interim payments at more frequent intervals.
  - (e) All payments shall be subject to review for compliance with these rules by the Department. Should a site inspection or other information reveal a discrepancy between work performed and the work addressed by a payment application, the Department may deny payment or may require the Fund to be reimbursed for money already disbursed.
  - (f) Notwithstanding the provision of subparagraph (d) of this paragraph, in order to be eligible for payment from the Fund, an application for reimbursement must be received by the program within one year from the date expenses were incurred regardless of the duration of the work phase. For example: the personnel expenses of a geologist performing work activities, related to a specific site, on May 10<sup>th</sup> of the prior year would not be reimbursable by the program if the reimbursement application was received on or after May 11<sup>th</sup> of the current year.

- (g) If the Fund reimburses a party for response costs under these rules for which the owner or operator of a facility has insurance coverage, the Fund is subrogated to the rights of the owner or operator with respect to that insurance coverage to the extent of the reimbursement. Acceptance of reimbursement under this subparagraph constitutes an assignment by the party with respect to any insurance coverage applicable to the costs that are reimbursed.
- (8) Fund Payment Procedures
- (a) Payments from the Fund will be made directly to the applicant in cases where the PEP submits documentation verifying it has paid authorized costs in excess of the applicable deductible.
  - (b) Where the applicant has submitted an acceptable application for payment for response actions, but has not paid for these activities or claims, payments will be made by a check written to both the applicant and the contractor(s) performing the work, less the applicable deductible.
  - (c) The applicant is responsible for final payments to the contractor(s) performing the work including program deductibles. The applicant is responsible for making timely payments to the contractor(s).
  - (d) The Department shall review applications for payment within ninety (90) days of receipt of a properly completed application. The Department shall issue either a letter of application approval or a status review letter within ninety (90) days of receipt of an application. A status review letter from the Department to the applicant shall note such items as: what clarifications or additional information, if any, are needed in order to complete the application review and what problems were encountered, if any, in interpreting or evaluating the application.

If all costs are considered to be reasonable and eligible for reimbursement, payment will be issued within forty-five (45) days of approval by the Department. If certain costs are considered unreasonable or ineligible for reimbursement, the Department shall issue a check for the amount of the application not in question, give notice to the PEP of those costs denied reimbursement and the reasons for denial, and provide a forty-five (45) day period in which the PEP or DCAC may present such information as is necessary to justify the disallowed costs. Following review of such information, the Department may agree to pay the previously disallowed costs, or any portion thereof, or may again disallow the costs for payment based on material non-compliance with these rules or administrative guidance issued thereunder.

Authority: T.C.A. §§ 4-5-201 et seq. and 68-217-101 et seq.

0400-15-03-.09 Contractors.

Contractors are not beneficiaries of this Fund and shall have no right of claim against it. And any and all claims shall be against the applicant who hired the contractor. An applicant can assign its rights to reimbursement from the Fund to its contractor for reimbursement amounts arising under the contract.

Neither an applicant nor the applicant's contractor shall file false or inaccurate information with the Department. Both the applicant and the applicant's contractor are required to follow the methods and procedures established by the DCERP for actions related to, but not limited to, release response, facility inspections, investigations, and remediation of sites. The applicant is required to compile and maintain copies of all technical or other documentation and reports required by the Department in the event that the contractor ceases to exist.

- (1) A Drycleaner Approved Contractor ("DCAC") is a person or company responsible for conducting and overseeing the inspection, investigation, or remediation of a drycleaner environmental response program (DCERP) site. The Department shall establish and maintain a list of approved DCACs according to this rule. The DCAC list shall have three categories. There shall be one category for companies approved to perform facility inspections, a second category for companies approved to perform investigative work, and a third category for companies approved to perform remediation work. There may be one DCAC for facility inspection, another DCAC for site investigation, and one or more DCAC(s) for remediation of the site. There is nothing in these rules which prevents a company from applying to qualify for multiple DCAC categories. If a DCAC is approved for multiple categories, then the DCAC may perform services in any or all of the categories for which the DCAC is approved.

- (2) A company will be approved to perform Fund eligible work upon satisfaction of the following:
- (a) The company submits a written application to become a DCAC with the Department according to a format determined by the Department. The application shall include the following and other information requested by the Department:
1. Statement of organization, experience, and personnel including the following:
    - (i) Provide the organizational history of the company including, but not necessarily limited to, years in business; location of offices; form of business - sole proprietor, partnership, corporation; and a list of officers and principals of the company including their mailing addresses and telephone numbers;
    - (ii) Provide a copy of the organization's latest audited annual financial statement or other approved alternate proof of financial stability;
    - (iii) Provide a letter from an insurance company or companies approved to do business in the State of Tennessee which states that within thirty (30) days of notification that the company has been approved for addition to the DCAC list, the company can have in effect insurance as required in these rules with the Division of Remediation listed as a certificate holder on the policy(ies);
    - (iv) A licensed contractor that is applying to be in the remediation category shall attach a copy of the certificate documenting that the company has a valid Tennessee Contractor's License with a Specialty Classification to perform remediation of hazardous substance or hazardous waste sites or the equivalent with a monetary limitation of at least five hundred thousand dollars (\$500,000);
    - (v) Prepare a detailed organizational chart showing only the employee names and titles that will perform work under the DCERP. Describe the project organization relating to staff that will perform work under the DCERP. State which staff will perform which services and include each person's job title. Note the location of all staff;
    - (vi) Attach a resume for each person listed on the organizational chart. Organize resumes in sections by office so that it is clear which personnel work from which office. Resumes shall, at a minimum, include the following information:
      - (I) Description of the education of the person including the school and year graduated, degree and major area of study, and specialized training including, but not limited to, health and safety training;
      - (II) Include the current position, title and applicable licenses and registrations which the person holds. If a person is listed on the organizational chart as an engineer that person must have a Tennessee Professional Engineer License number or an Engineer Intern number listed on the resume. Any geologist listed on the organizational chart must have a Tennessee Geologist Registration number on the resume;
      - (III) Provide a detailed employment history of the person including, but not necessarily limited to, the number of years and type of experience, description of job duties for each position held, and names of companies for which the individual has worked; and
      - (IV) List the sites on which the employee worked where the employee either performed facility inspections, investigation, or remediation activities related to contamination resulting from the release of dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs). Describe the activities and duties performed by the employee.
    - (vii) DCAC Experience Requirements

- (I) If the company desires to be approved to perform facility inspections, provide descriptions of a minimum of three (3) different facility inspections or facility audits performed by current company staff during the past five (5) years at facilities which use or have on-site dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs).
- (II) If the company desires to be approved to perform investigations at sites in the DCERP, provide descriptions of a minimum of three (3) different investigations of contamination resulting from the release of dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs), in soil and/or ground water, which current company staff has performed in the past three years.
- (III) If the company desires to be approved to perform remediation phase work at sites in the DCERP, provide descriptions of a minimum of three (3) different soil and/or ground water remediation projects involving contamination resulting from the release of dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs), which current company staff have performed in the past three (3) years. Remediation phase work includes, but is not limited to, preparing work plans and cost proposals for remedial phase work; designing, conducting, and evaluating remedial pilot tests and associated data findings; writing and amending Remedial Alternatives Study reports or other remediation phase documents that may be requested by the Department; designing, conducting, evaluating, and monitoring full-scale remediation site work; and implementing full-scale plans of remediation.
- (IV) If a company desires to be approved for a combination of facility inspection, site investigation, and site remediation, it must submit a minimum of three (3) sites for each category for which the company is applying.
- (V) In these descriptions, state the duties performed, type of facility inspected or contaminants investigated or remediated, results of the inspection, investigation or remediation and other pertinent information which would show the company's competency in inspection, investigation and/or remediation of contamination resulting from the release of dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs). Only include sites worked by personnel who will work on DCERP sites. Indicate the personnel who performed the inspection, investigation, or remediation and describe their job duties. Limit the discussion to two (2) typed pages per site per category;
- (viii) Attach letters of recommendation for two (2) sites described above from clients describing the company's facility inspection or facility audit activities at the site and the clients' opinions of the quality of work performed by company's personnel if the company is applying to be approved for drycleaner inspection activities. Attach letters of recommendation for two (2) sites described above from clients describing the company's investigation activities at the site and the clients' opinions of the quality of work performed by company's personnel if the company is applying to be approved for investigation activities. Attach letters of recommendation for two (2) sites described above from clients describing the company's remediation activities at the site and the clients' opinions of the quality of work performed by company's personnel if the company is applying to be approved for remediation activities. If letters of recommendation are unavailable, other approved forms of verification can be substituted; and
- (ix) If the company, its officers, its principals, or any of the employees referenced in subpart (i) or (vi) of this part have previously been removed from the DCAC list or

have been the subject of any professional license revocation or suspension proceeding, or have been assessed a civil penalty for violation of any environmental law in Tennessee or comparable law in another jurisdiction, describe the circumstances, including the reason(s) for such action and the response action(s) taken by the company to assure there will not be similar problems in the future;

2. A notarized statement, sworn by an executive officer or principal of the company including the following provisions:

(i) Neither the company nor any of the company's officers, principals, and employees have been convicted of, pled guilty to, or pled nolo contendere to violating any of the following or comparable environmental law in another jurisdiction:

(I) Environmental Vandalism (T.C.A. § 39-14-408).

(II) Illegal Disposal of Hazardous Waste (T.C.A. § 68-212-114).

(III) Solid Waste Dumping (T.C.A. § 68-211-114).

(IV) Air Pollution (T.C.A. § 69-201-112).

(V) Water Pollution (T.C.A. § 69-3-115).

(VI) Destruction of Aquatic Life or Habitat (T.C.A. § 70-4-206).

(VII) Polluting of Drinking Water Supply (T.C.A. § 68-221-713).

(VIII) Leaking Underground Petroleum Storage Tanks (T.C.A. § 68-215-120).

(IX) Knowingly gives or causes to be given any false information in any report, records, or documents (T.C.A. § 68-212-213).

(ii) Neither the company nor any of the company's principals, officers, and employees have been convicted of, pled guilty to, or pled nolo contendere to any of the following or a comparable law in another jurisdiction:

(I) Tampering with or fabricating evidence (T.C.A. § 39-16-503).

(II) Destruction of and tampering with governmental records (T.C.A. § 39-16-504).

(III) Destruction of valuable papers with the intent to defraud (T.C.A. § 39-14-130).

(IV) Forgery (T.C.A. § 39-14-114).

(V) Theft of services (T.C.A. § 39-14-104).

(VI) Theft of property (T.C.A. § 39-14-103).

(iii) The company understands that reimbursement from the Fund will be in accordance with the reasonable rate schedule as established by the Department; and

(iv) The company and its personnel have the licenses and registrations required by the State of Tennessee to perform the activities that said company proposes to perform.

(b) DCAC Registration Fee

1. A non-refundable registration fee of five hundred dollars (\$500) shall be submitted with the application if the company is applying to be in one category of the DCAC list and a non-refundable fee of seven hundred fifty dollars (\$750) shall be submitted if the company is applying to be in more than one category on the DCAC list.
  2. A company with more than one office location may either submit one combined DCAC application for all office locations under a single registration fee, or the company may submit a separate DCAC application for each office location. Should one office location be disqualified under this program, any other offices that were included in a multiple-office DCAC application package under one registration fee would then be disqualified from the DCAC program.
- (c) Companies which satisfactorily demonstrate to the Department's review committee that the company has: successfully performed significant past activities in facility inspection, investigation and/or remediation of contamination resulting from the release of dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs), through the site descriptions and letters of reference required in this rule, not violated environmental or other laws referenced in the sworn statement, paid the appropriate fee, and completed the other requirements listed above shall be included in the next published approved contractor list in the appropriate category(ies) following receipt by the Department of the required insurance certificate. For initial evaluation to become a DCAC, it shall be assumed by the Department that if a company has sufficient experience and qualifications to perform investigation and/or remediation activities at sites contaminated by dense non-aqueous solvents or products, excluding polychlorinated biphenyls (PCBs), then the company has sufficient qualifications to perform comparable activities at sites contaminated with Stoddard or other drycleaning solvents. If the company, its officers, its principals, or any of the employees referenced in subpart (a)1(i) or (vi) of this paragraph have previously been removed from the DCAC list or have been the subject of any professional license revocation or suspension, or have been assessed a civil penalty for violation of any environmental law in Tennessee or comparable law in another jurisdiction, the company shall also be required to satisfactorily demonstrate to the Department that the circumstances, including the reason(s) for such actions, have been corrected and will not reoccur. A company which is not approved as a DCAC may appeal the Department's determination to the Board; however the appeal must be filed within thirty (30) days of the Department mailing the certified letter notifying company of non-approval. The list of approved contractors shall be updated at least annually.
- (d) Prior to October 31<sup>st</sup> of each year, each DCAC shall submit a renewal application including the following and other information requested by the Department on the renewal application:
1. List of personnel who will work on DCERP sites in the upcoming year and each person's job title, job descriptions, office location, and telephone number. For employees who have not had a resume submitted to the DCERP on a previous application and personnel who have either received or lost licenses or registrations, submit resumes as described under the initial application process.
  2. A valid insurance certificate showing insurance required in these rules.
  3. A non-refundable fee of two hundred dollars (\$200) if the company is renewing as a DCAC in one category and a non refundable fee of three hundred fifty dollars (\$350) if the company is renewing as a DCAC in two or more categories.
  4. For a licensed contractor in the DCAC remediation category, also include documentation of a valid contractor's license to perform hazardous waste or hazardous substance site remediation or the equivalent with a monetary limitation of at least five hundred thousand dollars (\$500,000).
- (3) To remain on a list of approved DCACs:
- (a) The DCAC shall abide by and comply with the rules and regulations of the Department of Finance and Administration, Chapter 0620-03-03, Personal Service, Professional Service and Consultant Service Contracts and the terms of any contract entered into with the owner or operator of a

facility, or impacted third party.

- (b) The DCAC shall have written contract(s) with all contractors/subcontractors, and these contract(s) shall contain provisions that contractors/subcontractors will abide by and comply with the rules and regulations of the Department of Finance and Administration, Chapter 0620-03-03, Personal Service, Professional Service and Consultant Service Contracts. Contract(s) between the DCAC and contractors/subcontractors shall also contain provisions that all site workers working under authority of contractors/subcontractors shall have applicable health and safety training when required by the Tennessee Department of Labor or OSHA.
- (c) Site workers employed by the DCAC or its subcontractors shall have the applicable health and safety training when required by the Tennessee Department of Labor or OSHA.
- (d) The DCAC shall have a written contract with the owner or operator of the facility or impacted third party at each Fund eligible site and the contract shall contain the following sentences conspicuously located on the first page of the contract:

(Company's Name) WILL/WILL NOT (mark one) USE THE DRYCLEANER ENVIRONMENTAL RESPONSE PROGRAM'S REASONABLE RATE SCHEDULE WHEN INVOICING (insert name of drycleaner owner, operator, or impacted third party) FOR THE EXPENSES INCURRED IN THE INVESTIGATION AND/OR CLEANUP OF THIS SITE;

ON BEHALF OF (Applicant's Name), (Company's Name) WILL PREPARE AND SUBMIT TIMELY REIMBURSEMENT APPLICATIONS IN ACCORDANCE WITH DCERP RULES INCLUDING SUBPARAGRAPH (7)(d) OF RULE 0400-15-03-08 WHICH ALLOWS APPLICATIONS FOR PAYMENTS TO BE SUBMITTED SIXTY (60) DAYS FOLLOWING INITIATION OF WORK AND AT SIXTY (60) DAY INTERVALS THEREAFTER. IN ADDITION, SUBPARAGRAPH (7)(f) OF RULE 0400-15-03-08 REQUIRES THAT IN ORDER TO BE ELIGIBLE FOR PAYMENT FROM THE FUND, AN APPLICATION FOR REIMBURSEMENT MUST BE RECEIVED, BY THE PROGRAM, WITHIN ONE (1) YEAR FROM THE DATE EXPENSES WERE INCURRED REGARDLESS OF THE DURATION OF THE WORK PHASE.

- (e) The DCACs services will be performed in a manner consistent with the level of care and skill ordinarily exercised by members of their profession practicing in the State of Tennessee, under similar conditions, and at the time the services were rendered. The DCAC shall not knowingly, willfully, or recklessly cause the spread of contamination nor inhibit response action at the site.
- (f) The DCAC will perform activities consistent with these rules and gather and maintain documentation and records necessary or required for supporting and filing claims with the DCERP Fund.
- (g) The DCAC shall follow methods and procedures established by the DCERP for facility inspection, oversight of remediation, investigation and/or remediation of sites. The DCAC shall collect, gather, compile and maintain documentation requested by the Department.
- (h) Unless otherwise specifically approved by the Department, the following shall apply. All work done by the DCAC shall have the prior approval of a Registered Professional Engineer or Professional Geologist who is licensed/registered with the Tennessee Department of Commerce and Insurance, and the work shall be performed as specified according to a plan approved by the Department. All plans and reports submitted to the Department shall be prepared and signed by the Registered Professional Engineer or Professional Geologist who prepares or is responsible for the plan or report. A Registered Professional Engineer or Professional Geologist shall make periodic site visits to verify whether or not the work performed is as specified by the Registered Professional Engineer or Professional Geologist, and according to a plan approved by the Department. The DCAC shall require a Registered Professional Engineer or Professional Geologist to submit a signed certification based on their personal observation and review of job site records stating whether or not the work is performed as directed by the Registered Professional Engineer or Professional Geologist, and whether the work is performed in accordance with a plan approved by the Department. If the work is not performed according to the above specifications, the certification shall include a listing of how the work performed varies from the approved plan, and/or the authorization of the Registered Professional Engineer or

Professional Geologist and the specific reason for each variation. The certification for the appropriate phase of work shall be submitted with the report describing that phase of the work including, but not necessarily limited to, investigation reports, remediation reports, and as-built drawings.

- (i) The DCAC shall indemnify, and hold harmless the Department and the Board as well as officers, agents and employees from all claims, losses, or suits accruing or resulting to any person, firm, corporation, or other entity which may be injured or damaged as a result of acts or omissions of DCAC relating to work as an approved contractor.
- (j) The DCAC shall have all applicable license(s) and registration(s) required in the State of Tennessee and the local government where any work is performed;
- (k) The DCAC shall maintain liability insurance coverage of the types and with the minimum amounts described in the Table below, or the equivalent. The DCAC shall provide certification, with the Division of Remediation listed as a certificate holder, to the Department of such coverage during the initial application process and yearly with the renewal application thereafter, or more frequently as necessary to keep the Department updated as to the DCACs current insurance coverage. A lapse of required insurance coverage is sufficient cause for removal of the company from DCAC status. Insurance shall be through an insurance company or companies approved to do business in the State of Tennessee and shall be in effect prior to the company becoming a DCAC. The insurance shall be written in a comprehensive form, satisfactory to the Department. The general liability and pollution insurance policies shall have the Department of Environment and Conservation and the State of Tennessee named as an additional insured on Contractor's policies and these policies shall have endorsements for a waiver of subrogation between the Contractor and the State.

1. Worker's Compensation:

- (i) State Statutory
- (ii) Employer's Liability \$500,000

(Without restriction as to whether covered by Workmen's Compensation Law)

2. Comprehensive General Liability (including Premises - Operations; Independent Contractor's Protective; Products and Completed Operations; Broad Form Property Damage; contractual):

- (i) Combined single limits for bodily injury and property damage:
  - \$1,000,000 Each Occurrence
  - \$2,000,000 Aggregate
- (ii) Products and Completed Operations to be maintained for one (1) year after final payment.
- (iii) Property Damage Liability insurance shall include coverage for perils of explosion, collapse, and underground hazard.
- (iv) Comprehensive General Liability shall apply per job.

3. For DCACs qualifying in the contractor categories for investigation activities and/or remediation activities, Pollution insurance for bodily injury and property damage:

- \$1,000,000 Each Occurrence
- \$2,000,000 Aggregate

For DCACs who will only conduct work in the facility inspection and/or remediation

oversight contractor categories, the Pollution insurance requirement does not apply.

4. Personal injury:

\$1,000,000 Each Occurrence

\$2,000,000 Aggregate

5. Comprehensive Automobile Liability:

(i) Split limits of \$500,000 (bodily injury per person)/1,000,000 (bodily injury per occurrence)/250,000 (property damage per occurrence); or

(ii) Combined single limits for bodily injury and property damage:

\$1,000,000 Each Occurrence

6. The DCAC shall require that all subcontractors that perform site work shall be covered by insurance to the limits stated in these rules. Upon request, the DCAC shall secure a copy of said insurance policy for the Department.

- (l) Once the DCAC receives a stop work notice, the company/DCAC shall file no additional plans, scopes of work, or cost proposals to the DCERP unless the stop work is removed by the Department or the Board.
  - (m) The DCAC shall submit timely annual registration renewal applications as required by subparagraph (2)(d) of this rule.
  - (n) If it becomes reasonably apparent, while conducting environmental response activities, that an interim action is warranted to abate or mitigate an imminent and substantial danger to human health or the environment, the DCAC shall take such action within twenty-four (24) hours after discovery of the danger and shall provide notice to the applicant of said action.
- (4) The Department will provide notice that applications are to be requested by publication of a legal advertisement which will provide interested firms with the information necessary to request instructions for preparation and submittal of applications and supporting documentation. Applications received within forty-five (45) days of the date of the legal advertisement shall be reviewed prior to establishing a DCAC list. Applications and supporting documentation shall be independently evaluated by members of a review committee consisting of Department staff.
- (a) Applications received after forty-five (45) days from the date of the legal advertisement shall not be reviewed until a DCAC list is established. These and subsequent applications shall be reviewed by the review committee and either approved for addition to the DCAC list or denied DCAC status within ninety (90) days of receipt of the completed application with appropriate supporting documentation, or establishment of the DCAC list, whichever is later.
  - (b) If the review committee does not approve a company for addition to the DCAC list, the decision of the review committee may be appealed to the Board.
  - (c) A company that previously submitted an application but was not approved as a DCAC may submit a subsequent application for review at such time as the company believes the requirements to be a DCAC are met, except a company shall not file applications for review to be a DCAC more than two (2) times in any calendar year.
  - (d) An updated DCAC list shall be published at least quarterly.
- (5) A DCAC may be removed from the DCAC list if the DCAC, its principals, officers, or employees has done any of the following:
- (a) Violates these rules;

- (b) Charged the DCERP, the owner or operator of the facility, or impacted third party for work that was not performed;
- (c) Fails to obtain or maintain necessary licenses;
- (d) Fails to maintain the required insurance;
- (e) Files an inaccurate drycleaner program Fund reimbursement application with errors in personnel titles, rates, activities performed, equipment used, material used or other items which cause or would cause an overpayment of Fund money to the DCAC;
- (f) Misrepresentation of material environmental conditions concerning the site, unreasonable delaying submittal of pertinent site data and information, filing or reporting of false, misleading, or inaccurate material information with the Department, or any other such intentional actions which significantly impedes the Department's ability to properly evaluate the site and/or determine appropriate response actions for that site;
- (g) Has been the subject of any professional license revocation or suspension, or has been assessed a civil penalty for violation of any environmental law in Tennessee or comparable law in another jurisdiction;
- (h) Has been convicted of, pled guilty to, or pled nolo contendere to violating any of the following or comparable environmental law in another jurisdiction;
  1. Environmental Vandalism (T.C.A. § 39-14-408);
  2. Illegal Disposal of Hazardous Waste (T.C.A. § 68-212-114);
  3. Solid Waste Dumping (T.C.A. § 68-211-114);
  4. Air Pollution (T.C.A. § 69-201-112);
  5. Water Pollution (T.C.A. § 69-3-115);
  6. Destruction of Aquatic Life or Habitat (T.C.A. § 70-4-206);
  7. Polluting of Drinking Water Supply (T.C.A. § 68-221-713);
  8. Leaking Underground Petroleum Storage Tanks (T.C.A. § 68-215-120); or,
  9. Knowingly gives or causes to be given any false information in any report, records, or documents (T.C.A. § 68-212-213);
- (i) Has been convicted of, pled guilty to, or pled nolo contendere to violating any of the following or a comparable law in another jurisdiction;
  1. Tampering with or fabricating evidence (T.C.A. § 39-16-503);
  2. Destruction of and tampering with governmental records (T.C.A. § 39-16-504);
  3. Destruction of valuable papers with intent to defraud (T.C.A. § 39-14-130);
  4. Forgery (T.C.A. § 39-14-114);
  5. Theft of services (T.C.A. § 39-14-104); or,
  6. Theft of property (T.C.A. § 39-14-103);
- (j) Is found to have engaged in the unauthorized practice of engineering, contracting, or geology under T.C.A. § 62-2-101, et seq., T.C.A. § 62-6-101, et seq., or T.C.A. § 62-36-101, et seq., or a comparable law in another jurisdiction by the appropriate regulatory agency or court;

- (k) Performs a non-approved action which increases costs for the Fund, the drycleaner operator, or the impacted third party;
  - (l) Files three (3) plans which are rejected by the Department as deficient for similar reasons or fails to correct a plan based on comments from the DCERP without supplying acceptable explanation to DCERP;
  - (m) Files plan(s) or report(s) which do not bear the appropriate signature and Tennessee license/registration number of a Registered Professional Engineer or Professional Geologist;
  - (n) Deviates from a plan or scope of work as approved by the Department without the approval of the Department. This includes, but is not limited to, the following:
    - 1. Failure to follow Quality Assurance and Quality Control approved in the plan;
    - 2. Failure to follow the schedule for implementation approved in the plan; or
    - 3. Failure to perform the activities listed or described in the plan.
  - (o) Fails to submit a complete renewal application by April 1 in the format required by the Department;
  - (p) Performs work at a DCERP site after a stop work or termination date established by the Department;
  - (q) Fails to perform activities required in these rules or allows activities required in these rules to not be performed;
  - (r) Fails to demonstrate the skills, techniques, procedures or knowledge necessary to perform DCAC work to DCERP requirements;
  - (s) Performs work in a category in which the DCAC is not approved; and
  - (t) Fails to submit timely reports or reimbursement requests to the Department.
- (6) The process for removing a contractor from the DCAC list shall be as follows:
- (a) The review process shall be initiated when a complaint is referred to the Department's review committee or the Department determines the company's activities as a DCAC should be evaluated.
  - (b) The review committee shall inform the company via certified mail that the company's activities as an approved contractor under the DCERP are to be reviewed. The company shall submit to the review committee a list of all sites where the company is performing DCERP Fund eligible work and the company shall cooperate with the review committee in any and all ways requested by the Department. The review committee shall perform its investigation and notify the company of the findings.
  - (c) The Department's review committee may request the company to appear at a meeting to show cause why the Department should not remove the company from the DCAC list.
  - (d) The company may request a meeting with the review committee.
  - (e) The Department shall notify the company of the review committee's decision by sending a certified letter to the last known address of company on file with the DCERP. If the review committee determines that removal of the company from the DCAC list is warranted:
    - 1. The certified letter sent by the Department to the company shall specify a date to terminate work on Fund eligible sites. After the stop work date no activities performed by the company on any DCERP site shall be Fund reimbursable unless the company

appeals to the Board and the Board determines to allow the company to continue as a DCAC or the company reapplies to the Department and is accepted by the Department.

2. The company shall have thirty (30) days from the Department mailing the certified letter notifying the contractor of removal from the list of approved contractors to request an appeal to the Board. If the company does not appeal within the required time period the decision of the review committee shall be final. An appeal to the Board will stay the removal of the contractor from the DCAC list. An appeal to the Board shall not prohibit the Department from terminating or preventing the DCAC from working on DCERP Fund eligible sites during the appeal process and any work performed after the termination date and during said termination shall not be Fund eligible whether or not the company remains on the DCAC list following appeal.
3. The Department shall notify all sites which the company identified as Fund reimbursable sites of the stop work date and that the company's work after said date is not eligible for reimbursement from the DCERP Fund unless otherwise notified by the Department.
  - (f) If a contractor is removed from the list, other DCACs with common officers or principals shall be reviewed to determine whether to remove those DCACs with common officers or principals from the DCAC list.
  - (g) If a company is removed from the DCAC list, the company or a company with any of its principals or officers can not apply for a period of one (1) year from date of removal. If a company is removed as a result of conviction of, pled guilty to, or pled nolo contendere to violation of an environmental law listed in subparagraph (5)(h) of this rule or other violations listed in subparagraph (5)(i) of this rule, the company and any of its officers or principals who were convicted, pled guilty or pled nolo contendere shall not reapply to become a DCAC under the company name or any other entity.
- (7) The DCAC list shall have a category which lists the number of times a company has been removed from the DCAC list. If a company, its principals, or its officers are removed from the list three (3) times, then the contractor, its principals, and its officers are not eligible to reapply for addition to the DCAC list.
- (8) The initial application, renewal applications, plans and reports, and Fund reimbursement requests shall include the following certification:

"I certify under penalty of law, including but not limited to penalties for perjury, that the information contained in this (select one or another term as appropriate: application, form, report, study) and on any attachments, is true, accurate and complete to the best of my knowledge, information, and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for intentional violations."
- (9) The appearance of a company on the DCAC list shall in no way establish liability or responsibility on the part of the Department, the Fund, or the State of Tennessee in regards to the services provided by the company or circumstances which may occur as a result of such services. Furthermore, the appearance on the DCAC list is not an endorsement by the Department, Board, or State of Tennessee for the company to perform any services outside of the Drycleaner Environmental Response Program.
- (10) A person or company working as a subcontractor under contract to a DCAC is not required to be classified as a DCAC. The subcontractor must maintain all applicable license(s) and/or registration(s) required in the state of Tennessee for work performed. The DCAC must ensure that subcontractors performing remediation activities have a valid Tennessee Contractor's License with a Specialty Classification to perform remediation of hazardous substance or hazardous waste sites or the equivalent with a monetary limitation of at least five hundred thousand dollars (\$500,000).
- (11) The DCAC must be the lead contractor and cannot be a subcontractor to a non-DCAC functioning as the primary contractor. For sites with multiple DCACs, the program shall consider the DCAC with the qualifications for that particular work phase to be the primary DCAC.
- (12) A Drycleaner Approved Contractor (DCAC) may employ the environmental professional labor services of contractors or individuals who are not recognized by this program as a Drycleaner Approved Contractor.

In such cases, however, the DCERP still requires that the qualifications and proposed DCERP billing titles of any staff that are used on a subcontracted basis be provided to the DCERP for review. The DCAC remains responsible for the work that is done by any staff under its employ, including subcontracted staff. The DCERP also requires that any subcontracted professional labor services be billed through the DCAC and not billed to the DCERP or to the applicant separately or directly by any subcontracted labor entity. These measures are in place to ensure maintenance of the DCAC as the primary responsible party for work approved by the DCERP and work conducted and invoiced to the DCERP.

- (13) It is the responsibility of DCACs working in this program to seek written clarification from the DCERP concerning whether DCERP-issued approvals of work plans, project budgets, or other such items submitted by one DCAC to the DCERP are transferable with no modifications to another DCAC. Such situations can occur when there is a change in DCAC during the course of a project. The DCERP does not consider work plans, project budgets, and other similar items to automatically remain in force and transfer 'as-is' over to the new DCAC when a change in DCAC occurs.

Authority: T.C.A. §§68-217-101, et seq. and 4-5-201 et seq.

0400-15-03-.10 Enforcement.

(1) Issuance of Order

- (a) The Commissioner may enforce the provisions of the Act and these rules by issuing to the responsible person an order for payment of any appropriate fees, surcharges, and penalties authorized under the Act, and said order shall be complied with within the time limit specified. Such order shall be delivered by personal service or shall be sent by certified mail, return receipt requested.
- (b) The Commissioner may enforce the provisions of the Act and these rules by issuing to the responsible person an order to revoke a facility's Certificate of Registration or withhold re-issuance subject to subparagraph (5)(a) of Rule 0400-15-03-.03. Such order shall be delivered by personal service or shall be sent by certified mail, return receipt requested.
- (c) The Commissioner may enforce the provisions of the Act and these rules by issuing to the responsible person an order to withdraw any favorable determination concerning an application for entry into the program subject to Rule 0400-15-03-.06. Such order shall be delivered by personal service or shall be sent by certified mail, return receipt requested.

(2) Appeal of Order

Any person against whom an order is issued may secure a review of the reasonableness, propriety, or amount of such order by filing with the Commissioner a written petition setting forth the grounds and reasons for the objection and asking for a hearing before the Board. Any such order shall become final and not subject to review unless a petition is filed within thirty (30) days after its issuance. An additional three (3) days shall be permitted for filing a petition if an order is delivered by certified mail rather than personal service.

Authority: T.C.A. §§ 68-217-101, et seq. and 4-5-201 et seq.

I certify that the information included in this filing is an accurate and complete representation of the intent and scope of rulemaking proposed by the agency.

Date: July 19, 2011

Signature: *Andy Binford*

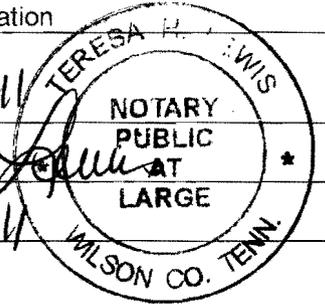
Name of Officer: Andy Binford

Title of Officer: Director, Division of Remediation

Subscribed and sworn to before me on: July 19, 2011

Notary Public Signature: *Teresa H. Lewis*

My commission expires on: Nov. 28, 2011



**Department of State Use Only**

Filed with the Department of State on: 7/19/11

*Tre Hargett*  
Tre Hargett  
Secretary of State

RECEIVED  
2011 JUL 19 PM 12:23  
SECRETARY OF STATE  
FILING DIVISIONS