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1.0 Overview of CERCLA and PRP Searches

1.1

Overview of CERCLA



The objective of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) (see Chapter 1 references, page 39) is to reduce and eliminate threats to human health and the environment posed by uncontrolled hazardous waste sites. To meet this objective, CERCLA created:

- a hazardous waste site response program; and
- a comprehensive liability scheme that authorizes the government to hold persons who caused or contributed to the release of hazardous substances liable for the cost or performance of cleanups.

In enacting CERCLA, Congress authorized the President or the delegated federal agency to draw funds from a revolving trust fund called the Hazardous Substance Superfund ("Superfund," "Trust Fund," or "Fund") to respond to releases or threatened releases of hazardous substances.¹

CERCLA provides EPA with three basic options for cleaning up a hazardous waste site:

¹The petroleum and chemical feed stocks tax and the environmental income tax (EIT) along with funds from general revenues funded the Superfund. These taxes have not been levied since the end of 1995 when the taxing authority expired.

- Under CERCLA sections 104 and 107, EPA can perform a response action at the site using Superfund money and recover response costs from potentially responsible parties (PRPs).
- Under CERCLA section 106, EPA can order, or ask a court to order, PRPs to clean up the site.
- Under CERCLA section 122, EPA can enter into settlement agreements with PRPs that require PRPs to clean up the site or pay for cleanup under CERCLA section 107.

1.1.1

Overview of the Superfund Cleanup Process



CERCLA section 104(a) authorizes the President to respond to a release or substantial threat of release to the environment of a hazardous substance or a pollutant or contaminant. Also, CERCLA section 104 authorizes the President to address hazardous waste sites through removal and remedial response actions. By executive order, EPA and other federal agencies have been delegated authority to undertake these response actions. EPA also has responsibility for overseeing all response actions at sites on the National Priorities List (NPL).

“Removal” is defined in CERCLA section 101(23) as “the cleanup or removal of released hazardous substances from the environment, such actions as may be necessary taken in the event of the threat of release of hazardous substances into the environment, such action 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.”

“Remedial action” is defined in CERCLA section 101(24) as “those actions consistent with permanent remedy taken instead of or in addition to removal actions in the event of a release or threatened release of a hazardous substance into the environment, to prevent or minimize the release of hazardous substances so that they do not migrate to cause substantial danger to present or future public health or welfare or the environment.”

EPA may respond to a release or substantial threat of release into the environment of any hazardous substance, or to a release or substantial threat of release into the environment of any pollutant or contaminant that may present an imminent and substantial danger to public health or welfare. CERCLA section 104, however, limits Fund-financed removal actions by both time and cost. Without a case-specific waiver, the President may only use Trust Fund money to finance removal actions for up to one year and up to \$2 million. Waivers of the time or cost limits may be issued to abate an emergency or to allow removal activity that is consistent with further remedial actions at the site.

CERCLA section 104 limits the use of Superfund money for remedial actions to sites meeting the following three conditions:

- The site is listed on the NPL.
- The state in which the site is located either contributes or provides financial assurances for 10 percent of any remedial costs incurred by Superfund and all operations and maintenance (O&M).

- The remedial action is not inconsistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP).

A site does not have to be listed on the NPL for EPA to perform a removal, site investigation, or remedial design, or to enforce a remedial action. (NPL listing only limits EPA's performance of a remedial action.) Also, if a state or subunit of a state owned or operated the site, the state must contribute at least 50 percent of the response costs incurred. CERCLA section 104(c)(3) exempts tribes from the requirement that states provide assurances regarding future maintenance and cost sharing at remedial action sites.

CERCLA section 104(a)(3) and (4) limits EPA's authority to respond to releases or threats of release of naturally occurring substances, from products that are part of the structure of residential or other buildings, and into drinking water supply systems due to deterioration through ordinary use of the system unless the President determines that the release or threat of release is an emergency and no one else has the authority and ability to respond to it.

The major regulation implementing CERCLA is the National Oil and Hazardous Substances Pollution Contingency Plan. (See Chapter 1 references, page 39.) It establishes the framework for implementing Superfund response actions to address releases or threats of releases of hazardous substances, pollutants, or contaminants. The NCP was revised in 1994 to reflect the oil spill provisions of the Oil Pollution Act of 1990 (OPA) (see Chapter 1 references, page 39) and is occasionally supplemented with regulations implementing amendments of CERCLA.

1.1.2

Overview of CERCLA Enforcement



EPA has adopted an "enforcement first" policy for removal and remedial actions at CERCLA sites. This means that when PRPs for a site have been identified, EPA typically will first pursue the PRPs to conduct the site response rather than conduct the cleanup with Superfund money.

EPA may seek to obtain PRP participation through voluntary settlements, unilateral orders, or litigation. Approximately 70 percent of all Superfund cleanups are PRP-lead. In addition, EPA may take the lead for cleanup activities and seek to recover its costs from PRPs.

A PRP search seeks to establish evidence of liability by identifying PRPs and associating their waste type and volume with that found at the site. EPA identifies PRPs and collects evidence by sending section 104(e) information request letters, reviewing documents, conducting interviews, and performing research.

The information gathered during a PRP search should enable EPA to assess the nature of the party's involvement at the site (such as owner, operator, generator, or transporter, described in subsection 1.2.4). The PRP search should gather information about a party's potential defenses (e.g., third party defense) or exemptions (e.g., municipal solid waste). In addition, the PRP search should identify those PRPs that may have a limited ability to pay (ATP) or are insolvent or defunct ("orphan"). Finally, the PRP search should assist in the early identification of contributors of relatively small quantities of hazardous substances (e.g., de minimis and de micromis parties.)

One of the primary objectives of the PRP search is to identify the entire universe of PRPs. Thorough PRP searches enhance EPA's success in negotiating with PRPs to conduct the response activity under EPA's oversight. In addition, early identification of PRPs enables EPA to issue general notice letters (GNLs) promptly to parties to inform them of their potential liability at a site. These PRPs may then be able to help EPA locate other PRPs to share the cost of the response activity. When PRPs are identified and notified early in the remedial process, there is a greater likelihood that they will decide to undertake appropriate response actions.

Finally, the early identification of PRPs affords EPA the opportunity to settle with small volume contributors promptly, thereby minimizing their transaction costs. For example, CERCLA section 122(g) authorizes de minimis settlements with parties whose contribution is minimal in amount and toxicity if the settlement involves only a minor portion of the response costs.

1.2

CERCLA

Liability

1.2.1

Prima Facie Case

"Prima facie" is not a CERCLA definition but a legal term meaning "legally sufficient to establish a fact or case unless disproved." This term is used to describe the basic set of facts that EPA must be able to prove to establish that a person is liable under CERCLA, i.e., that:

- there was a release or threatened release;
- of a hazardous substance;
- from a facility;
- that caused the government to incur response costs; and

- the party is in at least one of the four classes of PRPs described in CERCLA section 107(a).

There are several key definitions associated with the elements listed above:

- "Release" is defined in CERCLA section 101(22) as "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment."
- "Hazardous substance" is defined in CERCLA section 101(14) as any substance EPA has designated under specified provisions of the Clean Air Act, the Clean Water Act, the Toxic Substances Control Act, and the Resource Conservation and Recovery Act (RCRA). (See Chapter 1 references, page 39.) EPA also may designate additional substances as hazardous substances under CERCLA. EPA maintains and updates a list of hazardous substances in Title 40 of the Code of Federal Regulations, Part 302. (See Chapter 1 references, page 39.)
- "Pollutant or contaminant" is defined in CERCLA section 101(33) as any other substance not on the list of hazardous substances which "will or may reasonably be anticipated to cause" adverse effects in organisms or their offspring.
- "Facility" is defined in CERCLA section 101(9) as "any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment,

ditch, landfill, storage container, motor vehicle, rolling stock, or aircraft, or any site or area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel.” The term “facility” has been interpreted to include the site of a hazardous waste disposal operation; ground upon which hazardous substances were deposited; and trucks from which hazardous substances were released into the environment, even though the trucks themselves were not the subject of a removal or remedial action.



- “Response” is defined in CERCLA section 101(25) as “remove, removal, remedy, and remedial action.” Response costs include the costs of investigations, sampling, remedial studies, monitoring, and testing to identify the nature and extent of the release or threatened release, or the extent of the danger to public health, welfare, or the environment; planning and implementation of a response action; the recovery of costs associated with these actions, including costs incurred by EPA and other entities, such as the Department of Justice (DOJ), Coast Guard, and the states. These response costs include direct as well as indirect costs (general EPA operating costs). Costs associated with the oversight of PRP response actions are also recoverable.² Section 104(a)(1) specifically

² In states under the jurisdiction of the United States Court of Appeals for the Third Circuit – Pennsylvania, New Jersey, Delaware, and the Virgin Islands – there are limitations on EPA’s authority to recover costs for oversight. *See U.S. v. Rohm & Haas Co.*, 2 F.3d 1265 (3d Cir. 1993) (costs of EPA’s oversight of a removal action conducted by a private party cannot be recovered under CERCLA). This aspect of the Rohm & Haas decision has not been followed outside the Third Circuit.

provides for recovery of oversight costs for PRP-conducted remedial investigation and feasibility study (RI/FS) work. Response costs do not include civil penalties for violations of statute, but they do include interest on past expenditures.³ Response costs incurred prior to CERCLA's enactment also may be recovered. Cost recovery actions may be filed at any time after response costs have been incurred; however, they must be initiated within the statute of limitations defined in CERCLA section 113(g)(2) and described in more detail in section 4.9 of this manual.

1.2.2

Strict Liability

CERCLA section 107(a) imposes strict liability on the four classes of parties described and listed on page 10. Strict liability means that PRPs are liable even if:

- the problems caused by the hazardous substance release were unforeseeable;
- the PRP's actions were legal at the time they occurred; and
- state-of-the-art waste management practices were used at the time the materials were disposed of.

1.2.3

Joint and Several Liability

In addition, CERCLA liability is usually joint and several. This means that any one PRP can be held liable for the entire cost of site cleanup, regardless of the share of the waste contributed by that PRP. The PRP who pays the costs can then seek contribution from the non-paying PRPs. In general, however, EPA attempts to identify and notify the universe of PRPs at a site and negotiate with the largest manageable number of parties.

³ Comptroller Policy Announcement 87-17, "Interest Rates for Debts Recoverable Under the Superfund Amendments and Reauthorization Act of 1986," September 30, 1986. See Chapter 1 references, page 40.

Joint and several liability is based on the legal concept of "indivisible harm." Therefore, a PRP may be able to defend against the application of the full extent of joint and several liability in a particular case if it can show that the harm it caused or for which it is responsible is divisible and reasonably capable of apportionment.⁴ Where hazardous substances are commingled following disposal at a site, evidence that a single PRP's contribution caused a distinct and segregable environmental harm is typically unavailable. This is important because the divisibility defense requires a fact-intensive analysis, and because the defendant bears a heavy burden of proof. The defendant must demonstrate that the hazardous substances it sent to a site caused a specific, separate, and distinct environmental harm from other environmental harm at the site.⁵

Determining divisibility requires the PRP search team to carefully review the specific contribution of each PRP to the release of hazardous substances that resulted in the contamination at the site. A reasonable basis for such determinations should be well documented.

⁴ *See, e.g.,* United States v. Monsanto, 858 F.2d 160, 171-72 ("While CERCLA does not mandate joint and several liability, it permits it in cases of indivisible harm."); United States v. Marisol, Inc., 725 F.Supp. 833 (M.D. Pa. 1989); United States v. Ottati & Goss, Inc., 630 F.Supp. 1361 (D.N.H. 1985) (burden on defendant to show apportionment is proper).

⁵ United States v. Western Processing Co., 734 F.Supp. 930, 942 (W.D. Wash. 1990).

1.2.4

Categories of Potentially Responsible Parties

CERCLA section 107(a) imposes liability on four classes of persons:

- current owners and operators of a facility;
- former owners and operators of a facility;
- persons who arranged for treatment or disposal of hazardous substances (commonly referred to as "generators"); and
- transporters of hazardous substances who selected the disposal site.

Any person who falls within the definition of one of these classes may be held liable under CERCLA unless one of the statutory defenses or exemptions to liability applies. (See subsections 1.2.5 and 1.2.6.)



Current Owners and Operators of a Facility

CERCLA section 107(a)(1) imposes liability on the present owner(s) and operator(s) of a vessel or facility from which there has been a release of a hazardous substance, even if they did not own or operate the facility at the time of disposal of hazardous substances. The term "owner or operator" is defined in section 101(20), and has been interpreted broadly by courts to include almost any person who has an ownership interest in or the ability to manage or control a business. The definition excludes, however, a person who holds indicia of ownership primarily to protect a security interest (e.g., a lender) if the person does not

participate in the management of the facility. (See CERCLA section 101(20)(A) and the discussion of secured creditors in subsection 1.2.6 of this manual for more details.)

Courts also have imposed owner/operator liability on parent corporations and corporate officers and personnel. In some instances, they have applied traditional principles of corporate law to “pierce the corporate veil” and hold such parties liable. In other cases, they have looked to the language of CERCLA itself to find that a parent corporation or corporate individual has exercised sufficient control to render it an operator for purposes of CERCLA liability. (See subsection 3.6.10 for further discussion of the liability of parent corporations and corporate individuals.)

Former Owners and Operators of a Facility

CERCLA section 107(a)(2) imposes liability on any person who owned or operated a facility at the time of disposal of any hazardous substance at the facility. Thus, unlike current owners and operators, a former owner or operator is liable only if disposal of hazardous substances occurred while the person owned or operated the facility. The term “disposal”, however, incorporates the broad definition of that term under RCRA. It has been interpreted by some courts to include releases that occur long after the hazardous substance was initially disposed of at the facility.⁶

⁶Liability for “passive migration” is determined by the specific case law of the federal circuit where the site of the release is located, and federal circuits are divided on this issue. *See, e.g.,* ABB Industrial Systems Inc. v. Prime Technology, Inc., 120 F.3d 351 (2d Cir. 1997); United States v. CDMG Realty, 96 F.3d 706 (3d Cir. 1996); Joslyn Mfg. Co. v. Koppers Co. Inc., 40 F.3d 750 (5th Cir.) (interpreting disposal to require active human conduct); but *see* Nurad, Inc. v. William Hooper & Sons Co., 966 F.2d 837 (4th Cir. 1992) (upholding CERCLA liability for passive migration).

For example, if Party A owned the site and disposed of hazardous substances there during ownership and later sold the property to Party B, both parties could be held liable. Party A could be held liable because the disposal took place when it owned the property. Some courts have ruled in similar cases that Party B is liable if, for example, drums or tanks containing hazardous substances leaked at the facility during Party B's ownership even if Party B did not place the drums or tanks on the property and no longer owns the property.



Generators

CERCLA section 107(a)(3) imposes liability on a person who arranged for disposal or treatment, or arranged with a transporter for transport for disposal or treatment, of hazardous substances at any facility owned or operated by another party and containing such hazardous substances. Although the statute does not use the term "generator," this term is commonly used to refer to persons who generated the hazardous substance or arranged for its disposal or treatment. "Generators" may include corporations that entered into disposal contracts, waste brokers, or corporate officers who are involved in or responsible for waste disposal activities.

A person may be held liable as a generator even if that person did not select the disposal location. To establish generator liability, EPA must demonstrate that an actual or threatened release of any hazardous substance occurred at the facility, not that the generator's actual hazardous substance was released.

An arrangement for disposal or treatment may take a wide variety of forms, including a conventional oral or written contract or a toll processing agreement where disposal of hazardous substances is

inherent in the work to be performed under the agreement.⁷ The sale of hazardous substances may constitute an arrangement for disposal or treatment; however, the sale of a hazardous substance as a finished product does not.⁸ Whether a sale of a product constitutes the sale of a "useful product" or an arrangement for disposal typically is a fact-specific determination.



A generator's liability may follow its waste from site to site. For example, if a generator sends its waste to site A and site A's operator sends some of that waste to site B, the generator may be liable for the costs of cleaning up both site A and site B.

Transporters

CERCLA section 107(a)(4) imposes liability on a person who accepts a hazardous substance for transportation to a disposal or

⁷Under the so-called "Aceto" theory of liability, a chemical manufacturer who contracts with another company to formulate raw materials into finished product can be liable as an "arranger for disposal" if the manufacturer retains ownership of the hazardous substances and the formulator generated and disposed of waste contemporaneously with formulation. *United States v. Aceto Agricultural Chemicals Corp.*, 872 F.2d 1373 (8th Cir. 1989). Courts have looked at a variety of factors to determine "arranger" liability, including: "(1) whether a sale involved the transfer of a "useful" or "waste" product; (2) whether the party intended to dispose of a substance at the time of the transaction; (3) whether the party made the "crucial decision" to place hazardous substances in the hands of a particular facility; (4) whether the party had knowledge of the disposal; and (5) whether the party owned the hazardous substances." *See, e.g., Concrete Sales and Services, Inc. v. Blue Bird Body Co.*, 211 F.3d 1333 (11th Cir. 2000).

⁸*See, e.g. United States v. Maryland Sand, Gravel and Stone Co.*, 39 Env't Rep. Cas. 1761 (D. Md. 1994) (imposing liability where defendants transferred toxic substances generated as by-products in their operations for which they had no further use, even when the recipients placed some value on the waste); *State of California v. Summer del Caribe*, 821 F. Supp. 574, 581 (N.D. Cal. 1993) (affirming there is no CERCLA liability where the transaction involves the sale of a useful product, such as a new product, manufactured specifically for the purpose of sale, or a product that remains useful for its normal purpose in its existing state).

treatment facility or site selected by such person. The term "transportation" is defined to include the movement of a hazardous substance by any mode, including any stoppage in transit which is temporary and incidental to the transportation movement.

The key factor in establishing transporter liability is that the transporter must have selected the disposal site. If the transporter can demonstrate that the generator selected the site, then the transporter is not liable.

1.2.5
Statutory Defense
to CERCLA
Liability

A person identified as a potentially responsible party may claim a statutory defense to liability based upon CERCLA section 107(b). Section 107(b) provides that a party is not liable if a release was caused solely by:

- an act of God, as defined in section 101(1);
- an act of war; or
- an act or omission of a third party other than an employee or agent of the defendant or one in a contractual relationship with the defendant (commonly referred to as the "third party" defense).

Third Party Defense

In order to establish a third party defense under section 107(b)(3), a person has the burden of proving that the act or omission was conducted by someone other than the person claiming the defense, and by someone with whom that person has no contractual relationship. In addition, the person must establish that he: (1) exercised due care with respect to hazardous

substances; and (2) took precautions against foreseeable acts or omissions of the third party and any consequences thereof. The defense is not available to a person who has actual knowledge of a release or threatened release during his ownership and subsequently transfers the property to another person without disclosing the release or threatened release. In addition, the person may not have caused or contributed to the contamination.

CERCLA section 101(35)(A) defines “contractual relationship” to include land contracts, deeds, or other instruments conveying interests in land (e.g., property owners). A contractual relationship does not exist – and the defense still applies – if the property was acquired after the disposal or placement of the hazardous substances and one or more of the following circumstances is established:

- The person had no knowledge or reason to know that there was a release of hazardous substances at the property at the time of acquisition and that, prior to acquisition, the person made all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice.
- The person is a government entity which acquired the facility by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain.
- The person acquired the property by inheritance or bequest.

This third party defense is often referred to as the “innocent landowner” defense.

The Small Business Liability Relief and Brownfields Revitalization Act of 2002 (see Chapter 1 references, page 40) clarified the “all appropriate inquiry” required regarding condition of the property. For purchasers of residential property, CERCLA section 101(35)(B) provides that a facility inspection and title search will be sufficient. For all other purchasers, the determination is based upon date of purchase. For purchases prior to May 31, 1997, CERCLA section 101(35)(B) sets forth a narrative standard directing courts to consider a list of factors, including specialized knowledge of the person, the obviousness of the contamination, and the relationship of the purchase price to the property value. For purchases on or after May 31, 1997, section 101(35)(B) incorporates the American Society for Testing and Materials’ (ASTM) Standard Practice for Environmental Site Assessment: Phase 1, which applies until EPA promulgates regulations regarding all appropriate inquiry.

In addition, the amendments also require that “innocent landowners” can only maintain this defense by complying with certain continuing obligations. A purchaser must take reasonable steps to stop any continuing release, to prevent any threatened new release, and to prevent or limit any human, environmental, or natural resource exposure to hazardous substances. All innocent landowners must provide cooperation, assistance, and access to persons conducting response actions at the facility, and comply with and maintain land use restrictions and institutional controls.

1.2.6

Statutory Exemptions and Protections from CERCLA Liability

In addition to the statutory defenses to CERCLA liability, CERCLA provides statutory exemptions and protections from liability for certain parties.

De Micromis Parties

CERCLA section 107(o) provides a qualified statutory exemption from liability for response costs for de micromis generators and transporters where: (1) the total amount of material containing hazardous substances contributed by the party to a site was less than 110 gallons of liquid materials or less than 200 pounds of solid materials; (2) the site is listed on the NPL; and (3) all or part of the party's disposal, treatment, or transport occurred before April 1, 2001.

The exemption does not apply, however, if the President determines that: (1) the person sent materials that contributed or could contribute significantly, either individually or in the aggregate, to the cost of the response action or natural resource restoration; (2) the person has failed to comply with an information request or administrative subpoena; (3) the person has impeded, through action or inaction, a response action or natural resource restoration; or (4) the person has been convicted of a criminal violation for conduct related to the exemption.

Municipal Solid Waste Parties



Section 107(p) conditionally exempts three categories of parties from liability for response costs as a generator under section 107(a)(3):

- owners, operators, or lessees of residential property;
- a business entity (including a parent, subsidiary, or affiliate of the entity) that, during the three years preceding written notice of its potential liability, employed on average not

more than 100 full-time individuals, or the equivalent thereof, and is a small business concern from which was generated all of the municipal solid waste (MSW) attributable to the entity with respect to the facility; and

- an organization described in section 501(c)(3) of the Internal Revenue Code of 1986 (see Chapter 1 references, page 40) and exempt from tax under section 501(a) of the Code that during the tax year preceding written notice of liability employed 100 or fewer paid individuals at the location from which all MSW was generated.

The conditional exemption does not apply to parties liable as owners or operators under section 107(a)(1) or (2) or as transporters under section 107(a)(4).

Contiguous Property Owners



CERCLA section 107(q) protects from owner or operator liability persons that own land contaminated solely by a release from contiguous property, or similarly situated property, owned by someone else, if the owner:

- is not a PRP or affiliated with a PRP;
- did not cause, contribute, or consent to the release of hazardous substances; and

- conducts “all appropriate inquiry” prior to purchase and demonstrates that it did not know or have reason to know of contamination. (See subsection 1.2.5 of this manual for a discussion of the “all appropriate inquiry” requirement.)

In order to maintain the liability protection, the owner must:

- take reasonable steps to stop continuing releases, prevent threatened future releases, and prevent or limit human, environmental, or natural resources exposure to hazardous substance release;
- provide cooperation, assistance, and access;
- comply with and maintain land use restrictions and institutional controls;
- comply with CERCLA information requests and administrative subpoenas; and
- provide legally required notices.

Bona Fide Prospective Purchaser

CERCLA section 107(r) protects a “bona fide prospective purchaser” (BFPP) whose potential liability is based solely on the purchaser’s being an owner or operator of a facility so long as the purchaser does not impede the performance of a CERCLA response action. Section 101(40) defines a BFPP as a person, or tenant of that person, who acquires ownership of a facility after January 11, 2002, and:

- establishes that disposal at the facility occurred prior to acquisition;
- is not a PRP or affiliated with a PRP;
- made all appropriate inquiry into previous ownership and uses of the facility in accordance with generally accepted practices and new standards contained in section 101(35)(B);
- takes reasonable steps to stop any continuing releases, prevent any threatened future releases, and prevent or limit human, environmental, or natural resource exposure to any previously released hazardous substance; and
- provides cooperation, assistance, and access, complies with and maintains land use restrictions and institutional controls, complies with information requests and administrative subpoenas, and provides legally required notices.

A critical distinction between the BFPP provision and the innocent landowner and contiguous property owner provisions is that the BFPP can purchase with knowledge of the contamination and still have CERCLA liability protection. Section 107(r) provides, however, that a BFPP may be subject to a "windfall lien" for unrecovered response costs incurred by the United States at a facility where the response action increases the fair market value of the facility. The lien is limited to the lesser of the increase in the fair market value attributable to EPA's response action or the unrecovered response costs.

On July 16, 2003, EPA and DOJ issued an interim enforcement discretion policy entitled Interim Enforcement Discretion Policy Concerning “Windfall Liens” Under Section 107(r) of CERCLA. The “Windfall Lien” policy explains when EPA generally would, and would not, seek compensation for increasing a property's market value through a Superfund response action. Under new Section 107(r) of CERCLA, added by the recent Brownfields Amendments, bona fide prospective purchasers are not liable as owner/operators for CERCLA response costs. However, the property they acquire may be subject to a windfall lien if an EPA response action has increased the fair market value of the property. The interim policy explains that, absent a Superfund response action at a site, the United States has no windfall lien on that property. For properties that have been the subject of an EPA response action, the policy: sets forth factors that may lead EPA and DOJ to assert a windfall lien and provides examples of a number of situations where EPA will generally not pursue a windfall lien; describes EPA's and DOJ's general approach to settling windfall liens; and discusses letters and agreements that EPA may provide to prospective purchasers to address any windfall lien concerns. See Chapter 1 references, page 40 for copies of the guidance, attachments, and a frequently asked questions document.

Scrap Recyclers



The Superfund Recycling Equity Act (SREA) (see Chapter 1 references, page 40) signed into law on November 29, 1999, was passed as part of the Omnibus Appropriations Bill and is codified as an amendment to CERCLA at 42 U.S.C. 9627 and incorporated into CERCLA as section 127. This amendment exempts from the generator and transporter liability sections of CERCLA certain generators and transporters who “arranged for recycling of recyclable materials.” Owners and operators of sites are ineligible

for the exemption, as are generators and transporters of non-recyclable materials or generators and transporters of recyclable materials that fail to meet the criteria necessary for the exemption.

A PRP's liability should be carefully examined before determining the applicability of SREA. If the region determines that a party is a PRP, then the region may evaluate whether the PRP is exempt under SREA. Regions should not presume a party's eligibility for the exemption absent either a demonstration of proof by the party that it was recycling consistent with section 127 or other site-specific information that suggests that the party is eligible for the exemption.

Recyclable materials defined under SREA include scrap paper, scrap plastic, scrap glass, scrap textiles, scrap rubber (other than whole tires), scrap metal, spent lead-acid, spent nickel-cadmium batteries, and other spent batteries. (See CERCLA section 127 for further details on SREA.)

Secured Creditors

CERCLA section 101(20)(A) and (E) exempts from owner/operator liability any person who, without participating in the management of a facility, holds indicia of ownership primarily to protect that person's security interest in the facility. Holding a security interest means having a legal claim of ownership in order to secure a loan, equipment, or other debt. This exemption protects from CERCLA section 107 owner/operator liability those persons, such as private and governmental lending institutions (e.g., banks), who maintain a right of ownership in, or guarantee loans for, facilities that become contaminated with hazardous substances.

Under CERCLA section 101(20)(F), which was added to CERCLA by amendment in 1996, a lender "participates in management" and will not be protected by the secured creditor exemption if it either:

- exercises decision making control over environmental compliance related to the facility, such that the lender has undertaken responsibility for hazardous substance handling or disposal practices; or
- exercises control at a level comparable to that of a manager of the facility, such that the lender has assumed or manifested responsibility with respect to (1) day-to-day decision-making regarding environmental compliance, or (2) all, or substantially all, of the operational (as opposed to financial or administrative) functions of the facility other than environmental compliance.

The term "participate in management" does not include certain activities (provided those activities do not rise to the level of participating in management as defined in CERCLA section 101(20)(F)), such as:

- inspecting the facility;
- requiring a response action or other lawful means to address a release or threatened release;
- conducting a response action under CERCLA section 107(d)(1) or under the direction of an on-scene coordinator (OSC);

- providing financial or advisory support toward an effort to prevent or cure default; or
- restructuring or renegotiating the terms of the security interest.

With respect to post-foreclosure activities, a lender that did not participate in management prior to foreclosure, did not contribute to or cause a release, and seeks to divest itself of the facility at the earliest practicable, commercially reasonable time, on commercially reasonable terms, is not an "owner or operator" if it:

- sells, re-leases (in the case of a lease-finance transaction), or liquidates the facility;
- maintains business activities or winds up operations;
- undertakes a response action under CERCLA section 107(d)(1) or under the direction of an OSC; or
- takes any other measure to preserve, protect, or prepare the facility for sale or disposition.

Fiduciaries

CERCLA section 107(n) limits the CERCLA liability of fiduciaries. The term "fiduciary" means a person acting for the benefit of another party as a bona fide trustee, executor, or administrator, among other things. It does not include a person who either:

- acts as a fiduciary with respect to a for-profit trust or other for-profit fiduciary estate, unless the trust or estate was created because of the incapacity of a natural person, or as part of, or to facilitate, an estate plan; or
- acquires ownership or control of a facility for the objective purpose of avoiding liability of that person or another person.

Under CERCLA section 107(n), fiduciary liability under any provision of CERCLA cannot exceed the assets held in the fiduciary capacity. In addition, a fiduciary will not be liable in its personal capacity for certain actions, such as:

- undertaking or requiring another person to undertake any lawful means of addressing a release of a hazardous substance;
- enforcing environmental compliance terms of the fiduciary agreement; or
- administering a facility that was contaminated before the fiduciary relationship began.



The liability limitation described above does not limit the liability of a fiduciary whose negligence causes or contributes to a release or threatened release.

Service Station Dealers

Service station dealers may be eligible for an exemption from liability as a generator or transporter under CERCLA section

107(a)(3) or (a)(4) if the dealer accepted from the public used oil for recycling which is:

- not mixed with any other hazardous substance; and
- stored, treated, transported or otherwise managed in compliance with regulations or standards promulgated pursuant to section 3014 of the Solid Waste Disposal Act and other applicable authorities.

The exemption applies only to recycling transactions that occur after the effective date of EPA's used oil regulations (March 8, 1993). (See Chapter 1 references, page 40.) A service station dealer still may be held liable under CERCLA section 107(a)(1) and (2) as an owner or operator.



State and Local Governments

CERCLA section 107(d)(2) provides that, except for gross negligence or intentional misconduct, state and local governments are not liable for costs or damages resulting from an emergency response to a hazardous substance release or threatened release. Under CERCLA section 107(d)(1), a person rendering care or assistance in accordance with the NCP, including but not limited to state and local governments, cannot be held liable under CERCLA for costs or damages resulting from such care unless the care or assistance is rendered in a negligent manner. Such a person can be liable for costs or damages as the result of his negligence.

CERCLA section 101(20)(A) exempts from owner/operator liability units of state and local government that "involuntarily" acquire CERCLA facilities, provided they did not cause or contribute to the

contamination. Governmental entities may also be protected from liability resulting from involuntary acquisition by the third party defense of CERCLA section 107(b)(3), as discussed in subsection 1.2.5 of this manual. Examples of involuntary acquisition include those made by a government entity that is:

- acquiring property following abandonment or tax delinquency;
- acting as a conservator or receiver pursuant to a clear and direct statutory mandate or regulatory authority (such as acquiring the security interests or properties of failed private lending or depository institutions);
- undertaking foreclosure or its equivalent while administering a governmental loan, loan guarantee, or loan insurance program; or
- acting pursuant to seizure or forfeiture authority.

Federally Authorized Permittees

Section 107(j) excludes from CERCLA liability response costs resulting from a "federally permitted release." Although EPA has full authority under CERCLA to respond to federally permitted releases, the permittee is not liable for cleanup costs resulting from such releases. CERCLA section 101(10) defines releases that qualify as federally permitted releases (e.g., the discharge of pollutants in compliance with a National Pollutant Discharge Elimination System permit under the Clean Water Act).



1.2.7
EPA's
Discretionary
Policies

Pesticide Applicators

Section 107(i) excludes from CERCLA liability response costs or damages resulting from the application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). (See Chapter 1 references, page 40.)

The Agency may exercise its discretion in deciding whether to pursue certain parties who fall within a category of liable parties under section 107(a). EPA has issued several policies concerning the exercise of its enforcement discretion. These policies, which are described below, are discretionary and therefore not legally binding on any party, including EPA. When identifying and classifying the PRPs at a site, the Agency's discretionary enforcement policies and guidance should be considered. These include (but are not limited to):

De Micromis Parties

In November 2002, EPA and DOJ jointly issued the Revised Settlement Policy and Contribution Waiver Language Regarding Exempt De Micromis and Non-Exempt De Micromis Parties (November 6, 2002). (See Chapter 1 references, page 41.) As discussed above, CERCLA section 107(o) provides a statutory exemption for certain de micromis parties. This settlement policy addresses the United States' position regarding those parties that fall within the statutory definition of de micromis (referred to herein as "exempt de micromis parties"), and those parties that fall outside the statutory definition, but who may be deserving of similar treatment based on case-specific factors (referred to herein as "non-exempt de micromis parties"). As a matter of national

policy, EPA intends to use its enforcement discretion, as necessary, to achieve settlements that provide appropriate relief for those non-exempt de micromis parties that are being sued in contribution or threatened with a suit by other responsible parties.

Municipal Solid Waste Parties



In 1989, EPA issued the Interim Policy on CERCLA Settlements Involving Municipalities or Municipal Wastes (December 12, 1989) (hereinafter "1989 MSW Policy"). (See Appendix A.) The 1989 MSW Policy sets forth the criteria by which EPA generally determines whether to exercise enforcement discretion to pursue MSW generators or transporters as PRPs under CERCLA. The 1989 MSW Policy provides that EPA generally will not identify a generator or transporter of MSW as a PRP unless there is site-specific evidence that the MSW disposed of by that party contained hazardous substances derived from a commercial, institutional, or industrial process or activity. The 1989 MSW Policy also addresses certain provisions that may be appropriate in settlements with municipal owners or operators.

Building upon the 1989 MSW Policy, EPA issued its Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites (February 5, 1998) (hereinafter "1998 MSW Policy"). (See Chapter 1 references, page 41.) The 1998 MSW Policy states that EPA will continue its policy to generally not identify generators and transporters of MSW as PRPs at NPL sites. In an effort to reduce contribution litigation by third parties, the 1998 MSW Policy also identifies a methodology for settlements with generators and transporters of MSW at NPL sites who request a settlement with the United States. Finally, the 1998 MSW Policy identifies a presumptive settlement range for municipal owners and operators of co-disposal sites on the NPL.

As discussed in subsection 1.2.6, CERCLA section 107 was amended in 2002 to provide an exemption from liability for response costs to certain residential, small business, and non-profit generators of MSW at sites on the NPL. In August 2003, EPA and DOJ jointly issued the Interim Guidance on the Municipal Solid Waste Exemption Under CERCLA § 107(p) (August 20, 2003) (hereinafter the "2003 Interim Guidance"). (See Chapter 1 references, page 41.) The 2003 Interim Guidance discusses the statutory exemption and identifies some factors to be considered in the exercise of enforcement discretion under the exemption. In addition, the 2003 Interim Guidance provides that the 1989 and 1998 MSW policies remain in effect and should be applied where appropriate.

Bona Fide Prospective Purchasers

Since 1989, EPA has negotiated agreements that provide a covenant not to sue for certain prospective purchasers of contaminated property prior to their acquisition of the property, in order to resolve the potential liability due to ownership of such property. These agreements are known as prospective purchaser agreements (PPAs). As discussed above, CERCLA limits the liability of persons who qualify as bona fide prospective purchasers (BFPPs). In May 2002, EPA issued a memorandum titled Bona Fide Prospective Purchasers and the New Amendments (May 31, 2002). (See Chapter 1 references, page 41.) In this memorandum, EPA states that, in most cases, the Brownfields Amendments make PPAs from the federal government unnecessary. The memorandum describes when, primarily because of significant public benefit, EPA will consider providing a prospective purchaser with a covenant not to sue.

Contiguous Property Owner

In 1995, EPA issued its Policy Towards Owners of Property Containing Contaminated Aquifers (May 24, 1995). (See Chapter 1 references, page 41.) Although the 1995 policy is similar to the exemption in favor of contiguous property owners in CERCLA section 107(q) in many respects, the 1995 policy is broader, and may apply to parties that do not qualify under the statutory exemption. Under the 1995 policy, where hazardous substances come to be located on or in a property solely as the result of subsurface migration in an aquifer from a source or sources other than the affected property, EPA will not take an enforcement action against the owner of such property to require the performance of response actions or the payment of response costs. The following conditions apply:

- The landowner did not cause, contribute to, or exacerbate the release or threat of release of any hazardous substances through any act or omission. The failure to take affirmative steps to mitigate or address groundwater contamination, such as conducting groundwater investigations or installing groundwater remediation systems, will not, in the absence of exceptional circumstances, constitute an omission by the landowner within the meaning of this condition.
- The person who caused the release is not an agent or employee of the landowner, and was not in a direct or indirect contractual relationship with the landowner. In cases where the landowner acquired the property, directly or indirectly, from a person who caused the original release, application of the policy will require an analysis of

whether, at the time the property was acquired, the landowner knew or had reason to know of the disposal of hazardous substances that gave rise to the contamination in the aquifer.

- There is no alternative basis for the landowner's liability for the contaminated aquifer, such as liability as a generator or transporter under CERCLA section 107(a)(3) or (4), or liability as an owner by reason of the existence of a source of contamination on the landowner's property other than the contamination that migrated in an aquifer from a source outside the property.

Residential Homeowner



In 1991, EPA issued its Policy Toward Owners of Residential Property at Superfund Sites (July 3, 1991). (See Chapter 1 references, page 42.) Under this policy, EPA will not require residential owners of property to undertake response actions or pay response costs unless the residential homeowner's activities lead to a release or threatened release of hazardous substances resulting in a response action. The policy applies to properties that are owned and used exclusively for single-family residences of one to four units. Furthermore, the owner's knowledge of the presence of contamination on the property at the time of purchase or sale does not affect this discretionary policy. However, if the residential owner's activities lead to a release or threatened release resulting in a response action, the enforcement policy will not apply. The policy also does not apply if the owner of the property refuses to provide access to the residential property when requested or interferes with response activities conducted on the residential property.

1.3
PRP
Notification of
Liability

When PRPs have been identified, EPA's general policy is to notify them of their potential liability, advise them of the intended response action, and afford them the opportunity to pay for or conduct response actions. Where circumstances require, EPA may issue concurrently to each PRP a notice of potential liability (general notice letter) and a notice of opportunity to negotiate to conduct the response action (special notice letter). EPA uses different notice letters for different recipients, each with a different tone as well as content. These include the general notice letter (GNL), special notice letter (SNL) for RI/FS, SNL for remedial design and remedial action (RD/RA), notice of decision not to use an SNL, combined GNL/104(e) letter, combined GNL/demand letter, informational notice letter to local governments, first point of contact letter with de minimis PRPs, and model comfort letter to property owners.

1.3.1
General Notice
Letters

A GNL is a notice that informs PRPs of their potential liability for past and future response costs. GNLs generally contain the following information:

- notification of potential liability under sections 106 and 107(a) of CERCLA, including notification that;
 - CERCLA section 107 authorizes the Agency to initiate cost recovery actions to recover all costs not inconsistent with the NCP incurred in responding to the release or threatened release of hazardous substances,

- CERCLA section 106 authorizes the Agency to issue administrative orders or take judicial action compelling the PRP to implement the response selected by EPA to abate an imminent and substantial danger caused by the release or threatened release of hazardous substances, and
- The Agency encourages PRPs to voluntarily perform or finance those response activities that EPA determines to be necessary at the site,
- to the extent practical, information that supports the PRP designation, such as the dates of ownership of real site property or the period of time that the company operated the facility;
- information about the general opportunity to discuss any selected response action and opportunities to undertake the selected response action, including;
 - discussion of any planned response measures,
 - the merits of forming a PRP steering committee,
 - the deadline for the PRPs to respond, in writing, indicating their willingness to participate in the response action at the site, and
 - the name and phone number of the EPA contact for PRPs or their attorneys,

- information about development of the administrative record pursuant to the NCP; and
- a demand for reimbursement of EPA costs.

General notice letters have frequently encouraged PRPs to undertake response actions. Although EPA is not required to do so, providing as much information as possible to PRPs concurrently with the GNL often yields the best results, including identification of additional PRPs, better responses to 104(e) information requests, and, ultimately, more productive negotiations with PRPs for performance of the work under a settlement agreement.⁹

1.3.2 Special Notice Letters



The SNL, authorized under CERCLA section 122(e)(1), is a written notice to PRPs that triggers an enforcement moratorium -- a period during which no response work is performed at the site and EPA and the PRPs may negotiate a settlement concerning response actions at the site. The SNL contains the following:

- information about the Agency's discretionary authority under section 122(e) of CERCLA to formally negotiate the terms of settlements pursuant to special notice procedures if EPA determines that such procedures would facilitate an agreement and would expedite a response action at the site;

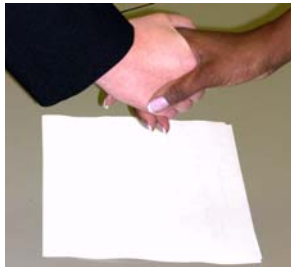
⁹The OSRE memorandum Revised Final Guidance on Disseminating EPA's SBREFA Information Sheet to Businesses at the Time of Enforcement Activity (August 31, 1999) (*see* Chapter 1 references, page 42) states that EPA will notify small businesses of their right to comment on regulatory enforcement activities when EPA makes its "initial enforcement contact" with the business. Under CERCLA, the initial enforcement contact is typically a general or special notice letter. *See* Chapter 1 references, page 42 for the Small Business Fact Sheet.

- information on the recipient's potential liability;
- conditions of the enforcement moratorium;
- description of a good faith offer;
- description of future response actions, if known;
- statement of work to be performed;
- additional information, including information on additional PRPs, site fact sheets, volumetric ranking if available;
- demand for past costs; and
- for RD/RA and non-time-critical removal SNLs, a statement whether the site is eligible for orphan share compensation under the Orphan Share Policy (June 3, 1996) (see Chapter 1 references, page 42) and, if so, the maximum amount appropriate for compensation.

EPA may, at its discretion, choose not to follow special notice procedures. It may instead send a letter to PRPs stating that it is not going to use special notice procedures because, for instance, negotiations are already underway, and outlining EPA's plans for the negotiations. Due to the urgency of emergency and time-critical removals, they do not follow special notice procedures. For procedures applicable to them, refer to the Superfund Removal Procedures Removal Enforcement Guidance for On-Scene Coordinators (April 1992). The volume referenced is one of a ten-volume series of guidance documents collectively titled Superfund Removal Procedures. (See Chapter 1 references, page 42.)

1.3.3

Types of Settlements



EPA and the PRPs set forth settlements in legal documents that describe the requirements of the response action. If the response action is an RI/FS, RD, or RA, EPA and the PRPs usually use an administrative order on consent (AOC). An AOC is a legally binding administrative order that EPA and the PRPs agree to and sign. A consent decree (CD) is similar to an AOC in that negotiations are bilateral; however, a CD is a judicial action that must be approved by DOJ, filed in federal court, and approved by a judge before it becomes final.

If a settlement between EPA and the PRPs includes a remedial action, CERCLA requires that the settlement take the form of a CD. AOCs are the preferred settlement mechanism for RI/FSs and removals. The above settlement devices are addressed in more detail in Chapters V and VIII of EPA's Enforcement Project Management Handbook and in the Addendum to the Interim CERCLA Settlement Policy. (See Chapter 1 references, page 42.)

A number of activities take place in preparation for RD/RA negotiations, including substantial completion of the PRP search. Thus it is important that sufficient attention be given to the PRP search before the RD/RA negotiations phase commences. PRP search activities may be initiated at the preliminary assessment and site investigation (PA/SI) phase of the enforcement timeline.

Chapter 1 References		
Name	Section	Location
Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986	1.1	42 U.S.C. § 9601 et seq. http://uscode.house.gov/DOWNLOAD/42C103.DOC
National Oil and Hazardous Substances Pollution Contingency Plan	1.1.1	40 C.F.R. Part 300 http://www.access.gpo.gov/nara/cfr/waisidx_02/40cfr300_02.html
Oil Pollution Act of 1990	1.1.1	33 U.S.C. § 2701 et seq. http://www.epa.gov/oilspill/lawsregs.htm
Clean Air Act	1.2.1	42 U.S.C. § 7401 et seq. http://www.epa.gov/air/oaq_caa.html
Clean Water Act	1.2.1	33 U.S.C. § 1251 et seq. http://www.epa.gov/oilspill/lawsregs.htm
Toxic Substances Control Act	1.2.1	15 U.S.C. § 2601 et seq. http://www.access.gpo.gov/uscode/title15/chapter53_.html
Resource Conservation and Recovery Act	1.2.1	42 U.S.C. § 6901 et seq. http://www.epa.gov/epaoswer/osw/laws-reg.htm
CERCLA Hazardous Substances	1.2.1	40 C.F.R. Part 302 http://www.access.gpo.gov/nara/cfr/waisidx_02/40cfr302_02.html

Chapter 1 References		
Name	Section	Location
Comptroller Policy Announcement 87-17, Interest Rates for Debts Recoverable Under the Superfund Amendments and Reauthorization Act of 1986 (September 30, 1986)	1.2.1	http://www.epa.gov/ocfo/finstatement/superfund/int_rate.htm
Small Business Liability Relief and Brownfields Revitalization Act of 2002	1.2.5	Public Law 107-118 (H.R. 2869) http://www.epa.gov/brownfields/pdf/hr2869.pdf
Internal Revenue Code of 1986	1.2.6	26 U.S.C. http://www.access.gpo.gov/uscode/uscmain.html
Interim Enforcement Discretion Policy Concerning "Windfall Liens" Under Section 107(r) of CERCLA (July 16, 2003)	1.2.6	http://www.epa.gov/compliance/resources/policies/cleanup/superfund
Superfund Recycling Equity Act	1.2.6	42 U.S.C. § 9627 http://www.access.gpo.gov/uscode/uscmain.html
Used Oil Regulations (September 10, 1992)	1.2.6	57 Federal Register 41,612
Federal Insecticide, Fungicide, and Rodenticide Act	1.2.6	7 U.S.C. § 136 et seq. http://www.epa.gov/opptsfrs/home/rules.htm

Chapter 1 References		
Name	Section	Location
Revised Settlement Policy and Contribution Waiver Language Regarding Exempt De Micromis and Non-Exempt De Micromis Parties (November 6, 2002)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/wv-exmpt-dmicro-mem.pdf
Interim Policy on CERCLA Settlements Involving Municipalities or Municipal Wastes (December 12, 1989)	1.2.7	Appendix A
Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites (February 5, 1998)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/munic-solwst-mem.pdf
Interim Guidance on the Municipal Solid Waste Exemption Under CERCLA § 107(p) (August 20, 2003)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/interim-msw-exempt.pdf
Bona Fide Prospective Purchasers and the New Amendments (May 31, 2002)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/bonf-pp-cercla-mem.pdf
Policy Toward Owners of Property Containing Contaminated Aquifers (May 24, 1995)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/contamin-aqui-rpt.pdf

Chapter 1 References		
Name	Section	Location
Policy Towards Owners of Residential Property at Superfund Sites (July 3, 1991)	1.2.7	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/policy-owner-rpt.pdf
Revised Final Guidance on Disseminating EPA's SBREFA Information Sheet to Businesses at the Time of Enforcement Activity (August 31, 1999)	1.3.1	http://www.epa.gov/compliance/resources/policies/civil/sbrefa/index.html
Small Business Fact Sheet	1.3.1	http://www.epa.gov/compliance/incentives/smallbusiness/index.html
Orphan Share Policy (June 3, 1996)	1.3.2	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/orphan-share-rpt.pdf
Superfund Removal Procedures Removal Enforcement Guidance for On-Scene Coordinators (April 1992)	1.3.2	EPA Publication 9360.3-06 http://www.ntis.gov/products/epasuper.htm
Enforcement Project Management Handbook	1.3.3	http://intranet.epa.gov/oeca/osre/hbk-pdf/index.html
Addendum to the Interim CERCLA Settlement Policy Issued on December 5, 1984 (September 30, 1997)	1.3.3	http://www.epa.gov/compliance/resources/policies/cleanup/superfund/adden-settle-mem.pdf