

## RULES and REGULATIONS

## ENVIRONMENTAL PROTECTION AGENCY

## 40 CFR Part 300

[FRL-3825-8]

## National Priorities List for Uncontrolled Hazardous Waste Sites

Thursday, August 30, 1990

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency ("EPA") is amending appendix B of the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR part 300, which was originally promulgated on July 16, 1982, pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA"). CERCLA has since been amended by the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and is implemented by Executive Order 12580 (52 FR 2923, January 29, 1987). CERCLA requires that the NCP include a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States, and that the list be revised at least annually. The National Priorities List ("NPL"), initially promulgated as appendix B of the NCP on September 8, 1983 (48 FR 40658), constitutes this list and is being revised today by the addition of 106 sites, including 23 Federal facility sites. Based on a review of public comments on these sites, EPA has decided that they meet the eligibility requirements of the NPL and are consistent with the Agency's listing policies. In addition, today's action removes 10 sites, including one Federal facility site, from the proposed NPL. Information supporting these actions is contained in the Superfund Public Dockets.

This rule results in a final NPL of 1,187 sites, 116 of them in the Federal section; 20 sites are proposed to the NPL, none of them in the Federal section. Final and proposed sites now total 1,207.

EFFECTIVE DATE: The effective date for this amendment to the NCP shall be October 1, 1990. CERCLA section 305 provides for a legislative veto of regulations promulgated under CERCLA. Although INS v. Chadha 462 U.S. 919, 103 S. Ct. 2764 (1983), cast the validity of the legislative veto into question, EPA has transmitted a copy of this regulation to the Secretary of the Senate and the Clerk of the House of Representatives. If any section by Congress calls the effective date of this regulation into question, the Agency will publish a notice of clarification in the Federal Register.

ADDRESSES: Addresses for the Headquarters and Regional dockets follow. For further details on what these dockets contain, see section I of the "SUPPLEMENTARY INFORMATION" portion of this preamble.

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Evo Cunha, Region 1, U.S. EPA Waste Management Records Center, HES-CAN 6, J.F. Kennedy Federal Building, Boston MA 02203, 617/573-5729

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FOR FURTHER INFORMATION CONTACT: Richard Webster, Hazardous Site Evaluation Division, Office of Emergency and Remedial Response (OS-230), U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC, 20460, or the Superfund Hotline, Phone (800) 424-9346 (382-3000 in the Washington, DC, metropolitan area).

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### \*35503 I. Introduction

#### *Background*

In 1980, Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. sections 9601-9657 ("CERCLA" or the "Act"), in response to the dangers of uncontrolled hazardous waste sites. CERCLA was amended in 1986 by the Superfund Amendments and Reauthorization Act ("SARA"), Public Law No. 99-499, stat. 1613 et seq. To implement CERCLA, the Environmental Protection Agency ("EPA" or "the Agency") promulgated the revised National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR part 300, on July 16, 1982 (47 FR 31180) pursuant to CERCLA section 105 and Executive Order 12316 (46 FR 42237, August 20, 1981). The NCP, further revised by EPA on September 16, 1985 (50 FR 37624 and November 20, 1985 (50 FR 47912), sets forth guidelines and procedures needed to respond under CERCLA to releases and threatened releases of hazardous substances, pollutants, or contaminants. On March 8, 1990 (55 FR 8666), EPA revised the NCP in response to SARA.

Section 105(a)(8)(A) of CERCLA, as amended by SARA, requires that the NCP include "criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action and, to the extent practicable taking into account the potential urgency of such action, for the purpose of taking removal action." Removal action involves cleanup or other actions that are taken in response to releases or threats of releases on a short-term or temporary basis (CERCLA section 101(23)). Remedial action tends to be long-term in nature and involves response actions that are consistent with a permanent remedy for a release (CERCLA section 101(24)). Criteria for determining priorities for possible remedial actions financed by the Trust Fund established under CERCLA are included in the Hazard Ranking System ("HRS"), which EPA promulgated as appendix A of the NCP (47 FR 31319, July 16, 1982).

On December 23, 1988 (53 FR 51962), EPA proposed revisions to the HRS in response to CERCLA section 105(c), added by SARA. EPA intends to issue the revised HRS as soon as possible. However, until the revised HRS is in effect, EPA will continue to use the current HRS in accordance with CERCLA section 105(c)(1) and Congressional intent, as explained in 54 FR 13299 (March 31, 1989).

Based in large part on the HRS criteria, and pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA prepared a list of national priorities among the known releases or threatened releases of hazardous substances, pollutant, or contaminants throughout the United States (the "National Priorities List" or "NPL"). The list has been promulgated as appendix B of the NCP. A site can undergo CERCLA-financed remedial action only after it is placed on the NPL, as provided in the NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990). As CERCLA section 105(a)(8)(b) states, the NPL is a listing of "releases or threatened releases" of hazardous substances, pollutants, or contaminants. For simplicity, the discussion below may refer to these releases or threatened releases simply as "releases", "facilities", or "sites".

An original NPL of 406 sites was promulgated on September 8, 1983 (48 FR 40658). Pursuant to CERCLA section 105(a)(8)(B), which requires that the NPL be revised at least annually, the NPL has been updated periodically, most recently on March 14, 1990 (55 FR 9688). The Agency also has proposed adding new sites to the NPL, most recently on October 26, 1989 (54 FR 43778).

EPA may delete sites from the NPL when no further response is appropriate, as provided in the NCP at 40 CFR 300.425(e) (55 FR 8845, March 8, 1990). To date, the Agency has deleted 29 sites from the final NPL, most recently on May 31, 1990 (55 FR 22030), when Reeser's Landfill, Upper Macungie Township, Pennsylvania, was deleted.

This rule adds 106 sites, including 23 Federal facility sites, to the NPL, and removes 10 sites from the proposed NPL, including one Federal facility site. Of the 10 sites being removed, seven have HRS scores below 28.50 and the other three can be ad-

dressed under corrective action authorities of Subtitle C of the Resource Conservation and Recovery Act (RCRA). EPA has carefully considered public comments submitted for the sites in this final rule and has made certain modifications in response to those comments. This rule results in a final NPL of 1,187 sites, 116 of them in the Federal section; 20 sites remain in proposed status, none of them in the Federal section. With these changes, final and proposed sites now total 1,207.

#### *Information Available to the Public*

The Headquarters and Regional public dockets for the NPL (see ADDRESSES portion of this notice) contain documents relating to the evaluation and scoring of sites in this final rule. The dockets are available for viewing, by appointment only, after the appearance of this notice. The hours of operation for the Headquarters docket are from 9 a.m. to 4 p.m., Monday through Friday, excluding Federal holidays. Please contact individual Regional dockets for hours.

The Headquarters docket contains HRS score sheets for each final site; a Documentation Record for each site describing the information used to compute the score; pertinent information for any site affected by special study waste or other requirements, or RCRA or other listing policies; a list of documents referenced in the Documentation Record; comments received; and the Agency's response to those comments. The Agency's responses are contained in the "Support Document for the Revised National Priorities List Final Rule—August 1990."

Each Regional docket includes all information available in the Headquarters docket for sites in that Region, as well as the actual reference documents, which contain the data principally relied upon by EPA in calculating or evaluating the HRS scores for sites in that Region. These reference documents are available only in the Regional dockets. They may be viewed, by appointment only, in the appropriate Regional Docket or Superfund Branch Office. Requests for copies may be directed to the appropriate Regional Docket or Superfund Branch. An informal written request, rather than a \*35504 formal request, should be the ordinary procedure for obtaining copies of any of these documents.

## II. Purpose and Implementation of the NPL

### *Purpose*

The primary purpose of the NPL is stated in the legislative history of CERCLA (Report of the Senate Committee on Environment and Public Works, Senate Rep. No. 96-848, 96th Cong., 2d Sess. 60 (1980)):

The priority lists serve primarily informational purposes, identifying for the States and the public those facilities and sites or other releases which appear to warrant remedial actions. Inclusion of a facility or site on the list does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. Subsequent government action in the form of remedial actions or enforcement actions will be necessary in order to do so, and these actions will be attended by all appropriate procedural safeguards.

The purpose of the NPL, therefore, is primarily to serve as an informational and management tool. The initial identification of a site for the NPL is intended primarily to guide EPA in determining which sites warrant further investigation to assess the nature and extent of the public health and environmental risks associated with the site and to determine what CERCLA-financed remedial action(s), if any, may be appropriate. The NPL also serves to notify the public of sites EPA believes warrant further investigation.

Federal facility sites are eligible for the NPL pursuant to the NCP at 40 CFR 300.425(b)(3) (55 FR 8845, March 8, 1990). However, section 111(e)(3) of CERCLA, as amended by SARA, limits the expenditure of CERCLA monies at federally-owned facilities. Federal facility sites also are subject to the requirements of CERCLA section 120, added by SARA.

### *Implementation*



A site may undergo remedial action financed by the Trust Fund established under CERCLA ("Superfund") only after it is placed on the final NPL as outlined in the NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990). However, EPA may take enforcement actions under CERCLA or other applicable statutes against responsible parties regardless of whether the site is on the NPL, although, as a practical matter, the focus of EPA's enforcement actions has been and will continue to be on NPL sites. Similarly, in the case of removal actions, EPA has the authority to act at any site, whether listed or not, that meets the criteria of the NCP at 40 CFR 300.415 (55 FR 8842, March 8, 1990).

EPA's policy is to pursue cleanup of NPL sites using the appropriate response and/or enforcement actions available to the Agency, including authorities other than CERCLA. Listing a site will serve as notice to any potentially responsible party that the Agency may initiate CERCLA-financed remedial action. The Agency will decide on a site-by-site basis whether to take enforcement or other action under CERCLA or other authorities, proceed directly with CERCLA-financed response actions and seek to recover response costs after cleanup, or do both. To the extent feasible, once sites are on the NPL, EPA will determine high-priority candidates for Superfund-financed response action and/or enforcement action through both State and Federal initiatives. These determinations will take into account which approach is more likely to most expeditiously accomplish cleanup of the site while using CERCLA's limited resources as efficiently as possible.

Remedial response actions will not necessarily be funded in the same order as a site's ranking on the NPL—that is, its HRS score. The information collected to develop HRS scores is not sufficient in itself to determine either the extent of contamination or the appropriate response for a particular site. EPA relies on further, more detailed studies in the remedial investigation/feasibility study (RI/FS) to address these concerns.

The RI/FS determines the nature and extent of the threat posed by the release or threatened release. It also takes into account the amount of contaminants in the environment, the risk to affected populations and environment, the cost to correct problems at the site, and the response actions that have been taken by potentially responsible parties or others. Decisions on the type and extent of action, if any, to be taken at these sites are made in accordance with the criteria contained in subpart E of the NCP (55 FR 8839, March 8, 1990). After conducting these additional studies, EPA may conclude that it is not desirable to initiate a CERCLA remedial action at some sites on the NPL because of more pressing needs at other sites, or because a private party cleanup is already underway pursuant to an enforcement action. Given the limited resources available in the Trust Fund, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. It is also possible that EPA will conclude after further analysis that the site does not warrant remedial action.

Revisions to the NPL such as today's rulemaking may move some previously listed sites to a lower position on the NPL. However, if EPA has initiated action such as an RI/FS at a site, it does not intend to cease such actions to determine if a subsequently listed site should have a higher priority for funding. Rather, the Agency will continue funding site studies and remedial actions once they have been initiated, even if higher-scoring sites are later added to the NPL.

#### RI/FS at Proposed sites

An RI/FS may be performed at proposed sites (or even sites that have not yet been proposed for the NPL) pursuant to the Agency's removal authority under CERCLA, as outlined in the NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990). Section 101(23) of CERCLA defines "remove" or "removal" to include "such actions as may be necessary to monitor, assess and evaluate the release or threat of release \* \* \*." The definition of "removal" also includes "action taken under section 104(b) of this Act \* \* \*," which authorizes the Agency to perform studies, investigations, and other information-gathering activities.

Although an RI/FS generally is conducted at a site after the site has been placed on the NPL, in a number of circumstances the Agency elects to conduct an RI/FS at a proposed NPL site in preparation for a possible CERCLA-financed remedial action, such as when the Agency believes that a delay may create unnecessary risks to human health or the environment. In addition, the Agency may conduct an RI/FS to assist in determining whether to conduct a removal or enforcement action at a site.

### Facility (Site) Boundaries

The NPL does not describe releases in precise geographical terms, and the Agency believes that it would be neither feasible nor consistent with the limited purpose of the NPL (as the mere identification of releases), for it to do so. CERCLA section 105(a)(8)(B) directs EPA to list national priorities among the known "releases or threatened releases" of hazardous substances. Thus, the purpose of the NPL is merely to identify releases of hazardous substances that are priorities for further evaluation. Although CERCLA "facility" is broadly defined to include any area where a hazardous substance release has "come to be located" (CERCLA section 101(9)), the listing process itself is not intended to define or reflect the boundaries of \*35505 such facilities or releases.[FN1] The names of sites are provided for purposes of identification only; the sites are not limited to the boundaries of properties that may be referred to in the name. Of course, HRS data upon which listing is based will, to some extent, describe which release is at issue; that is, the NPL site would include all releases evaluated as part of that HRS analysis (including noncontiguous releases evaluated under the NPL aggregation policy, see 48 FR 40663 (September 8, 1983)).

FN1 Although CERCLA section 101(9) sets out the definition of "facility" and not "release," those terms are often used interchangeably. (See CERCLA section 105(a)(8)(B), which defines the NPL as a list of "releases" as well as of the highest priority "facilities.") (For ease of reference, EPA also uses the term "site" interchangeably with "release" and "facility.")

EPA regulations do provide that the "nature and extent of the threat presented by a "release" will be determined by an RI/FS as more information is developed on site contamination (40 CFR 300.430(d)(2) (55 FR 8847, March 8, 1990)). During the RI/FS process, the release may be found to be larger or smaller than was originally known, as more is learned about the source and the migration of the contamination. However, this inquiry focuses on an evaluation of the threat posed; the boundaries of the release need not be defined, and in any event are independent of listing. Moreover, it generally is impossible to discover the full extent of where the contamination "has come to be located" before all necessary studies and remedial work are completed at a site; indeed, the boundaries of the contamination can be expected to change over time. Thus, in most cases, it will be impossible to describe the boundaries of a release with certainty.

For these reasons, the NPL need not be amended if further research into the extent of the contamination expands the apparent boundaries of the release. As discussed above, the NPL is only of limited significance, as it does not assign liability to any party or to the owner of any specific property. See Report of the Senate Committee on Environment and Public Works, Senate Rep. No. 96-848, 96th Cong., 2d Sess. 60 (1980), quoted at 48FR 40659 (September 8, 1983). If a party contests liability for releases on discrete parcels of property, it may do so if and when the Agency brings an action against that party to recover costs or to compel a response action at that property.

At the same time, however, the RI/FS or the Record of Decision (which defines the remedy selected) may offer a useful indication to the public of the areas of contamination at which the Agency is considering taking a response action, based on information known at that time. For example, EPA may evaluate (and list) a release over a 400-acre area, but the Record of Decision may select a remedy over 100 acres only. This information may be useful to a landowner seeking to sell the other 300 acres, but it would result in no formal change in the fact that a release is included on the NPL. The landowner (and the public) also should note in such a case that if further study (or the remedial construction itself) reveals that the contamination is located on or has spread to other areas, the Agency may address those areas as well.

This view of the NPL as an initial identification of a release that is not subject to constant re-evaluation is consistent with the Agency's policy of not rescoring NPL sites, or as stated in 49 FR 37081, September 21, 1984:

EPA recognizes that the NPL process cannot be perfect, and it is possible that errors exist or that new data will alter previous assumptions. Once the initial scoring effort is complete, however, the focus of EPA activity must be on investigating sites in detail and determining the appropriate response. New data or errors can be considered in that process \* \* \* [T]he NPL serves as a guide to EPA and does not determine liability or the need for response.

### III. NPL Update Process

There are three mechanisms for placing sites on the NPL. The principal mechanism is the application of the HRS. The HRS serves as a screening device to evaluate the relative potential of uncontrolled hazardous substances to cause human health or safety problems, or ecological or environmental damage. The HRS score is calculated by estimating risks presented in three potential "pathways" of human or environmental exposure: Ground water, surface water, and air. Within each pathway of exposure, the HRS considers three categories of factors "that are designed to encompass most aspects of the likelihood of exposure to a hazardous substance through a release and the magnitude or degree of harm from such exposure": (1) Factors that indicate the presence or likelihood of a release to the environment; (2) factors that indicate the nature and quantity of the substances presenting the potential threat; and (3) factors that indicate the human or environmental "targets" potentially at risk from the site. Factors within each of these three categories are assigned a numerical value according to a set scale. Once numerical values are computed for each factor, the HRS uses mathematical formulas that reflect the relative importance and interrelationships of the various factors to arrive at a final site score on a scale of 0 to 100. The resultant HRS score represents an estimate of the relative "probability and magnitude of harm to the human population or sensitive environment from exposure to hazardous substances as a result of the contamination of ground water, surface water, or air" (47 FR 31180, July 16, 1982). Those sites that score 28.50 or greater on the HRS are eligible for the NPL.

Under the second mechanism for adding sites to the NPL, each State may designate a single site as its top priority, regardless of the HRS score. This mechanism is provided by section 105(a)(8)(B) of CERCLA, as amended by SARA, which requires that, to the extent practicable, the NPL include within the 100 highest priorities, one facility designated by each State representing the greatest danger to public health, welfare, or the environment among known facilities in the State.

The third mechanism for listing, included in the NCP at 40 CFR 300.425(c)(3) (55 FR 8845, March 8, 1990), has been used only in rare instances. It allows certain sites with HRS scores below 28.50 to be eligible for the NPL if all of the following occur:

- The Agency for Toxic Substances and Disease Registry (ATSDR) of the U.S. Department of Health and Human Services has issued a health advisory that recommends dissociation of individuals from the release.
- EPA determines that the release poses a significant threat to public health.
- EPA anticipates that it will be more cost-effective to use its remedial authority than to use its removal authority to respond to the release.

All of the sites in today's final rule have been placed on the NPL based on their HRS scores.

States have the primary responsibility for identifying non-Federal sites, computing HRS scores, and submitting candidate sites to the EPA Regional Offices. EPA Regional Offices conduct a quality control review of the States' candidate sites, and may assist in investigating, sampling, monitoring, and scoring sites. Regional Offices also may consider candidate sites in addition to those submitted by States. EPA Headquarters conducts further quality assurance audits to ensure accuracy and consistency among the various EPA and State offices participating in the scoring. The Agency then proposes the sites that meet one of the three criteria for listing (as well as statutory requirements and EPA's listing policies) and solicits public \*35506 comment on the proposal. Based on these comments and further review by EPA, the Agency determines final HRS scores and places those sites that still qualify on the final NPL.

### IV. Statutory Requirements and Listing Policies

CERCLA restricts EPA's authority to respond to certain categories of releases of hazardous substances, pollutants, or contaminants by expressly excluding some substances, such as petroleum, from the response program. In addition, CERCLA section 105(a)(8)(B) directs EPA to list priority sites "among" the known releases or threatened releases of hazardous substances,

pollutants, or contaminants, and section 105(a)(8)(A) directs EPA to consider certain enumerated and "other appropriate" factors in doing so. Thus, as a matter of policy, EPA has the discretion not to use CERCLA to respond to certain types of releases. Where other authorities exist, placing the site on the NPL for possible remedial action under CERCLA may not be appropriate. Therefore, EPA has chosen to defer certain types of sites from the NPL even though CERCLA may provide authority to respond. For example, EPA has chosen not to list sites that result from contamination associated with facilities licensed by the Nuclear Regulatory Commission (NRC), on the grounds that NRC has the authority and expertise to clean up releases from those facilities (48 FR 40661, September 8, 1983). If, however, the Agency later determines that sites deferred as a matter of policy are not being properly responded to, the Agency may place them on the NPL.

The Agency has solicited comment on a policy to expand deferral to other Federal and State authorities (53 FR 51415, December 21, 1988); however, that policy is not currently in effect and has not been applied to sites in this rule. The Agency has committed not to implement any part of an expanded deferral policy until public and Congressional concerns have been fully reviewed and analyzed, and a decision reached on whether or not to implement such a policy.

The listing policies and statutory requirements of relevance to this final rule cover Resource Conservation and Recovery Act (RCRA) (U.S.C. 6901-6991i) sites, Federal facility sites, sites with "special study wastes," and radioactive mining waste sites. These and other listing policies and statutory requirements have been explained in previous rulemakings, the latest being February 21, 1990 (55 FR 6154).

#### *Releases From Resource Conservation and Recovery Act (RCRA) Sites*

On June 10, 1986 (51 FR 21054), EPA announced a decision on components of a policy for the listing on the NPL of several categories of non-Federal sites subject to RCRA subtitle C corrective action authorities. Under the policy, sites not subject to RCRA subtitle C corrective action authorities will continue to be placed on the NPL. Examples of such sites include:

- Facilities that ceased treating, storing, or disposing of hazardous waste prior to November 19, 1980 (the effective date of Phase I of the Subtitle C regulations) and to which the RCRA corrective action or other authorities of Subtitle C cannot be applied.
- Sites at which only materials exempted from the statutory or regulatory definition of solid waste or hazardous waste are managed.
- Contamination areas resulting from the activities of RCRA hazardous waste handlers to which RCRA Subtitle C corrective action authorities do not apply, such as hazardous waste generators or transporters, which are not required to have Interim Status or a final RCRA permit.

Further, the policy stated that certain RCRA sites at which subtitle C corrective action authorities are available also may be listed if they meet the criterion for listing (i.e., an HRS score of 28.50 or greater) and they fall within one of the following categories:

- Facilities whose owners have demonstrated an inability to finance corrective action as evidenced by their invocation of the bankruptcy laws.
- Facilities that have lost authorization to operate, and for which there are additional indications that the owner or operator will be unwilling to undertake corrective action.
- Facilities, analyzed on a case-by-case basis, whose owners or operators have a clear history or unwillingness to undertake corrective action.

On August 9, 1988 (53 FR 30005), EPA announced a policy for determining whether RCRA facilities are unwilling to perform corrective actions, and therefore should be proposed to the NPL. Additionally, on August 9, 1988 (53 FR 30002), EPA requested comment on a draft policy for determining when an owner/operator should be considered unable to pay for addressing the contamination at a RCRA-regulated site; that draft policy is still under review.

On June 24, 1988 (53 FR 23978), EPA announced its intent to list several other categories of RCRA facilities that the Agency considers appropriate for the NPL. These categories are non- or late filers, converters (i.e., facilities whose part A permits have been withdrawn), protective filers, and sites holding RCRA permits issued before enactment of the Hazardous and Solid Waste Amendments (HSWA) of 1984. (Further definition of these terms is contained in the June 24, 1988 policy announcement.) Consistent with this policy, 23 RCRA sites were placed on the final NPL on October 4, 1989 (54 FR 41000).

In this final rule, EPA is adding to the NPL five sites that are subject to RCRA subtitle C corrective action authorities. These sites are being placed on the NPL under the NPL/RCRA policy. Three sites are converters, one site has lost its RCRA authorization to operate and appears unwilling to undertake corrective action, and one site has contamination that may not be addressable under RCRA. Listing a site because of an unresolved question as to whether RCRA subtitle C corrective action authorities apply to all contamination associated with the site is consistent with EPA's NPL/RCRA policy (53 FR 23983, June 24, 1988).

In addition, EPA is not listing three sites under the NPL/RCRA policy because they can be addressed under RCRA Subtitle C corrective action authorities. Of these, one site was proposed as a pre-HSWA permittee, but is not being listed because the pre-HSWA permit has expired and the owner/operator is now subject to a new permit which includes corrective action requirements (see 54 FR 41006, October 4, 1989). Another site is a converter, but is not being listed because the owner/operator has agreed to corrective action under a RCRA consent corrective action order (see 54 FR 41005, October 4, 1989). The third site is a late filer, but is not being listed because the site has come within the RCRA system and demonstrated a history of compliance with RCRA regulations (see 54 FR 41005, October 4, 1989).

#### *Releases From Federal Facility Sites*

On March 13, 1989 (54 FR 10520), the Agency announced a policy for listing Federal facility sites, if they meet the prescribed eligibility criteria (e.g., an HRS score of 28.50 or greater), even if the Federal facility also is subject to the corrective action authorities of RCRA subtitle C. In that way, cleanup, if appropriate, could be affected at those sites under CERCLA.

Federal facility sites are placed in a separate section of the NPL. This rule adds 23 Federal facility sites to the final NPL and drops one, bringing the total number of final Federal facilities sites to 116. No Federal facility sites remain proposed to the NPL.

#### *\*35507 Releases of Radioactive Materials*

CERCLA section 101(22) excludes several types of releases of radioactive materials from the statutory definition of "release." These releases are therefore not eligible for CERCLA response actions or the NPL. The exclusions apply to (1) releases of source, by-product, or special nuclear material from a nuclear incident if these releases are subject to financial protection requirements under section 170 of the Atomic Energy Act, and (2) any release of source, by-product, or special nuclear material from any processing site designated under the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA). Accordingly, such radioactive releases have not been considered eligible for the NPL.

As a policy matter, EPA has also chosen not to list releases of source, by-product, or special nuclear material from any facility with a current license issued by the NRC, on the grounds that the NRC has full authority to require cleanup of releases from such facilities (48 FR 40658, September 8, 1983). EPA will, however, list releases from facilities that hold a current license issued by a State pursuant to an agreement between the State and the NRC under section 274 of the Atomic Energy Act. Facilities whose licenses are no longer in effect are also considered for listing.

In this final rule, EPA is adding to the NPL three sites with radioactive releases that meet EPA's criteria for the NPL. None of the three sites has releases that are excluded by statute from the NPL. The sites are also not excluded by EPA's NPL/NRC policy because they were not contaminated as a result of a NRC-licensed operation.

#### *Releases of Special Study Wastes*

Section 105(g) of CERCLA, as amended by SARA, requires EPA to consider certain factors before adding sites involving RCRA "special study wastes" to the NPL. Section 105(g) applies to sites that (1) were not on or proposed for the NPL as of October 17, 1986 and (2) contain significant quantities of special study wastes as defined under RCRA sections 3001(b)(2) [drilling fluids], 3001(b)(3)(A)(ii) [mining wastes], and 3001(b)(3)(A)(iii) [cement kiln dusts]. Before these sites can be added to the NPL, section 105(g) requires that the following information be considered:

- The extent to which the HRS score for the facility is affected by the presence of the special study waste at or released from the facility.
- Available information as to the quantity, toxicity, and concentration of hazardous substances that are constituents of any special study waste at, or released from, the facility; the extent of or potential for release of such hazardous constituents; the exposure or potential exposure to human population and environment; and the degree of hazard to human health or the environment posed by the release of such hazardous constituents at the facility.

This final rule includes 14 sites containing or potentially containing special study wastes subject to section 105(g). EPA has placed in the dockets an addendum that evaluates for each site the information called for in section 105(g). The addenda indicate that the special study wastes present a threat to human health and the environment, and that the sites should be added to the NPL.

CERCLA section 125, as amended by SARA, addresses specific special study wastes described in RCRA section 3001(b)(3)(A)(i) [fly ash and related wastes]. No sites in this rule are subject to section 125.

#### *Response to Public Comments on Special Study Waste Sites*

When EPA proposed to include on the NPL the special study waste sites in this final rule, the Agency received several public comments. The Agency's responses to site-specific comments are contained in the "Support Document for the Revised National Priorities List Final Rule—August 1990." (See section V of this final rule).

EPA also received general (i.e., non-site-specific) comments from one organization concerning the Agency's evaluation of sites with coal tar special study waste. A summary of the issues raised in these comments and the Agency's response was contained in the final rule published on February 21, 1990 (55 FR 6158). EPA's response generally applies to the coal tar and other special study waste sites included in this final rule as well.

#### **V. Disposition of Sites in Today's Final Rule**

This final rule promulgates 106 sites (Table 1) and removes 10 sites from several proposed rulemakings. These 116 sites are from the following proposed updates:

- Update 2 (49 FR 40320, October 15, 1984): 10 sites
- Update 5 (51 FR 21099, June 10, 1986): 2 sites
- Update 6 (52 FR 2492, January 22, 1987): 6 sites

- Update 7 (53 FR 23988, June 24, 1988): 54 sites
- Update 8 (54 FR 19526, May 5, 1989): 4 sites
- Update 9 (54 FR 29820, July 14, 1989): 17 sites
- Update 10 (54 FR 43778, October 26, 1989): 23 sites

EPA read all comments received on these sites, including late comments. In past rules, EPA responded even to late comments. However, given the volume and number of late comments received and the need to make final decisions on all currently proposed sites prior to the date that the revised HRS takes effect, EPA was not able to respond to all late comments received for sites in this rule. EPA has responded (in the Support Document) to those comments postmarked no later than October 31, 1988 for all sites included in this final rule that were proposed in Updates 2, 5, 6, and 7, to those comments postmarked no later than September 12, 1989 for sites in its final rule that were proposed in Update 8, to those comments postmarked no later than October 3, 1989 for sites in this final rule that were proposed in Update 9, and to those comments postmarked no later than February 6, 1990 for sites in this final rule that were proposed in Update 10. (EPA had previously indicated that it may no longer be able to consider late comments (53 FR 23990, June 24, 1988 and, most recently 54 FR 43779, October 26, 1989)). Although EPA has not responded to all late comments, it has read all late comments and endeavored to respond in the Support Document to those late comments that bring to the Agency's attention a fundamental error in the scoring of a site. In addition, the Agency has routinely responded to late comments resulting from EPA correspondence that provided commenters with more recent data or requested that the commenters be more specific in their comments.

Table 1. — National Priorities List, New Final Sites (by Rank)

[August 1990]

NPL		St	Site name	City/county
Gr [FN1]	Rank			
2	68 IA		Lehigh Portland Cement Co	Mason City.
2	72 ID		Eastern Michaud Flats Contamin	Pocatello.
2	74 IA		Northwestern States Portland Cem	Mason City.
2	78 PA		Salford Quarry	Salford Township.
3	114 ID		Monsanto Chemical (Soda Springs)	Soda Springs.
4	159 WA		Seattle Mun Lndfl (Kent Hghlnds)	Kent.
4	164 IL		Beloit Corp	Rockton.
4	176 IN		Whiteford Sales&Ser/Nationaleas e	South Bend.
4	188 CA		Industrial Waste	Fresno.

			Processing	
5	205 IL	MIIG/Dewane Landfill	Belvidere.	
5	223 WI	Better Brite Chrome & Zinc Shops	DePere.	
6	284 IA	Peoples Natural Gas Co	Dubuque.	
6	285 MO	Oronogo-Duenweg Mining Belt	Jasper County.	
6	293 AR	Monroe Auto Equip (Paragould Pit)	Paragould.	
6	295 IA	E.I. Du Pont (County Rd X23)	West Point.	
7	332 AL	T.H. Agricul & Nutri (Montgomery)	Montgomery	
7	335 CA	Sulphur Bank Mercury Mine	Clear Lake.	
7	339 NM	Prewitt Abandoned Refinery	Prewitt.	
7	344 MI	Peerless Plating Co	Muskegon.	
7	347 KY	Fort Hartford Coal Co Stone Quarry	Olaton.	
8	356 IA	White Farm Equipment Co. Dump	Charles City.	
9	413 PA	Ohio River Park	Neville Island.	
9	414 GA	Woolfolk Chemical Works, Inc	Fort Valley.	
9	416 IN	Tippecanoe Sanitary Landfill, Inc	Lafayette.	
9	417 IN	Conrail Rail Yard (Elkhart)	Elkhart.	
9	423 MN	Dakhue Sanitary Landfill	Cannon Falls.	
9	428 SD	Williams Pipe Line Disposal Pit	Sioux Falls.	
9	436 AK	Arctic Surplus	Fairbanks.	
9	447 UT	Sharon Steel (Midvale Tailings)	Midvale.	
10	453 PA	Westinghouse Elec (Sharon Plant)	Sharon.	
11	505 CA	Western Pacific Railroad Co.	Oroville.	
11	513 IL	Kerr-McGee (Reed-Keppler Park)	West Chicago.	
11	516 FL	Woodbury Chemical (Princeton Plant)	Princeton.	
11	521 AZ	Apache Powder Co	St. David.	



11	522 NV	Carson River Mercury Site	Lyon/Churchill Cnty.
11	542 TX	Tex-Tin Corp	Texas City.
12	554 IL	Kerr-McGee (Residential Areas)	W Chic/DuPage Cnty.
12	564 IA	Fairfield Coal Gasification Plant	Fairfield.
12	570 NJ	Chemical Insecticide Corp	Edison Township.
12	573 DE	Chem-Solv, Inc	Cheswold.
12	575 FL	Madison County Sanitary Landfill	Madison.
12	584 CO	Chemical Sales Co	Denver.
12	587 CA	Hexcel Corp	Livermore.
12	588 CA	Crazy Horse Sanitary Landfill	Salinas.
12	589 OR	Union Pacific Railroad Tie Treat	The Dalles.
13	635 VA	Abex Corp	Portsmouth.
13	637 MI	Allied Paper/Portage Ck/Kalamaz R	Kalamazoo.
13	640 WA	Centralia Municipal Landfill	Centralia.
14	660 GA	Diamond Shamrock Corp. Landfill	Cedartown.
14	662 CT	Cheshire Ground Water Contamin	Cheshire.
14	699 FL	B&B Chemical Co., Inc	Hialeah.
15	703 FL	BMI-Textron	Lake Park.
15	709 IL	Kerr-McGee (Sewage Treat Plant)	West Chicago.
15	748 KY	Caldwell Lace Leather Co., Inc	Auburn.
15	750 IL	Adams County Quincy Landfills 2&3	Quincy.
16	791 LA	Combustion, Inc	Denham Springs.
16	799 IA	Farmers' Mutual Cooperative	Hospers.
17	806 IA	Sheller-Globe Corp. Disposal	Keokuk.
17	814 DE	Kent County Landfill (Houston)	Houston.
17	826 DE	Koppers Co., Inc. (Newport Plant)	Newport.
17	829 NJ	Lodi Municipal Well	Lodi.

17	838 DE	Sealand Limited	Mount Pleasant.
17	845 SC	Para-Chem Southern, Inc	Simpsonville.
18	854 WA	North Market Street	Spokane.
18	868 PA	Paoli Rail Yard	Paoli.
18	874 WY	Mystery Bridge Rd/U.S. Highway 20	Evansville.
18	895 NE	Nebraska Ordnance Plant (Former)	Mead.
19	901 CA	Advanced Micro Devices (Bldg. 915)	Sunnyvale.
19	922 OH	Reilly Tar & Chemical (Dover Plnt)	Dover.
19	942 FL	Anaconda Aluminum/Milgo Electron	Miami.
19	950 TN	Murray-Ohio Mfg (Horseshoe Bend)	Lawrenceburg.
20	952 NJ	Higgins Disposal	Kingston.
20	990 MI	Cannelton Industries, Inc	Sault Sainte Marie.
20	1000 NC	Hevi-Duty Electric Co	Goldsboro.
21	1003 MO	Westlake Landfill	Bridgeton.
21	1022 NY	Sealand Restoration, Inc	Lisbon.
21	1030 KY	Green River Disposal, Inc	Maceo.
21	1034 IL	Central Illinois Public Serv Co	Taylorville.
21	1045 PA	Dublin TCE Site	Dublin Borough.
21	1047 WI	Waste Management (Brookfield Lfl)	Brookfield.
21	1049 NE	10th Street Site	Columbus.
22	1052 CA	Watkins-Johnson Co. (Stewart Div)	Scotts Valley.
22	1053 CA	Intersil Inc./Siemens Components	Cupertino.

Number of New Final Sites: 83.

FN1 Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL.

#### National Priorities List, Federal Facility Sites, New Final (by Group)

[August 1990]

NPL Gr [FN1]	St	Site name	City/county
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3	ID	Mountain Home Air Force Base	Mountain Home.
3	WA	Bangor Naval Submarine Base	Silverdale.
3	UT	Tooele Army Depot (North Area)	Tooele.
6	AK	Standard Steel & Met Sal Yd (USDOT)	Anchorage.
7	AK	Elmendorf Air Force Base	Greater Anchorage Bor.
8	AK	Fort Wainwright	Fairbanks N Star Bor.
8	FL	Homestead Air Force Base	Homestead.
10	TX	Air Force Plant 4 Gener Dy-namics	Fort Worth.
11	TX	Longhorn Army Ammunition Plant	Karnack.
11	NJ	Federal Aviation Admin Tech Cent	Atlantic County.
11	NM	Lee Acres Landfill (USDOJ)	Farmington.
12	PA	Tobyhanna Army Depot	Tobyhanna.
12	AZ	Luke Air Force Base	Glendale.
13	CT	New London Submarine Base	New London.
13	CA	Tracy Defense Depot	Tracy.
14	NY	Seneca Army Depot	Romulus.
16	KS	Fort Riley	Junction City.
17	CA	Edwards Air Force Base	Kern County.
17	SD	Ellsworth Air Force Base	Rapid City.
19	CA	Lawrence Livermore Lab-300 (USDOE)	Livermore.
21	NJ	Naval Weapons Stat Earle (Site A)	Colts Neck.
21	IA	Iowa Army Ammunition Plant	Middletown.
22	HI	Schofield Barracks	Oahu.
Number of New Final Federal Facility Sites: 23.			

FN\*State top priority site.

FN1 Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL.

**\*35509** Based on the comments received on the proposed sites, as well as investigation by EPA and the States (generally in response to comment) EPA recalculated the HRS scores for individual sites where appropriate. Where the public comments or additional information dropped a score below 28.50, the site has been removed from the NPL. EPA's response to site-specific public comments and explanations of any score changes made as a result of such comments are addressed in the "Support Document for the Revised National Priorities List Final Rule—August 1990."

*RCRA Sites*

Three sites are subject to subtitle C corrective action authorities, but the Part A permits have been withdrawn (converter status). These sites are being added to the final NPL consistent with the NPL/RCRA policy:

- Advanced Micro Devices (Building 915), Sunnyvale, California (converter)
- Hexcel Corp., Livermore, California (converter)
- Westinghouse Electric Corp. (Sharon Plant), Sharon, Pennsylvania (converter)

One site is being listed, consistent with the NPL/RCRA policy, because the contamination may not be addressable under RCRA subtitle C corrective action authorities:

- Apache Powder Co., St. David, Arizona

Based on the NPL/RCRA policy announced on June 10, 1986 (51 FR 21057) and in effect at the time of proposal, one site is being listed because it has lost its RCRA authorization to operate and appears unwilling to undertake corrective action:

- Chem-Solv, Inc., Cheswold, Delaware

One site is not being listed because it is a late-filer that has come within the RCRA system and demonstrated a history of compliance with RCRA regulations:

- Kearney-KPF, Stockton, California (late filer)

One site is not being listed because it now is subject to a post-HSWA permit that includes corrective action requirements:

- Solvent Service, Inc., San Jose, California

One site is not being listed because it is a converter that has agreed to corrective action under a RCRA consent corrective action order:

- Warner Electric Brake & Clutch Co., Roscoe, Illinois

Documentation supporting EPA's decisions on these sites is available in the Support Document.

#### *Federal Facility Sites*

This final rule adds 23 Federal facility sites to the NPL (Table 1) and drops 1 from the proposed NPL.

#### *Radioactive Release Sites*

Three sites with radioactive releases are being added to the final NPL consistent with the NPL/NRC policy because the sites were not contaminated as a result of a NRC-licensed operation:

- Kerr-McGee (Reed-Keppler Park), West Chicago, Illinois
- Kerr-McGee (Residential Areas), West Chicago/DuPage County, Illinois

- Kerr-McGee (Sewage Treatment Plant), West Chicago, Illinois

#### *Special Study Waste Sites*

Fourteen sites containing or possibly containing special study wastes are being added to the NPL in this rule.

- Sulphur Bank Mercury Mine, Clear Lake, California (mining wastes)
- Sealand Limited, Mount Pleasant, Delaware (coal tar wastes)
- Eastern Michaud Flats Contamination, Pocatello, Idaho (mining wastes)
- Monsanto Chemical Co. (Soda Springs Plant), Soda Springs, Idaho (mining wastes)
- Central Illinois Public Service Co., Taylorville, Illinois (coal tar wastes)
- Fairfield Coal Gasification Plant, Fairfield, Iowa (coal tar wastes)
- Lehigh Portland Cement Co., Mason City, Iowa (cement kiln dust)
- Northwestern States Portland Cement Co., Mason City, Iowa (cement kiln dust)
- Peoples Natural Gas Co., Dubuque, Iowa (coal tar wastes)
- Oronogo-Duenweg Mining Belt, Jasper County, Missouri (mining wastes)
- Lee Acres Landfill (USDOJ), Farmington, New Mexico (drilling muds and produced waters)
- Carson River Mercury Site, Lyon/Churchill Counties, Nevada (mining wastes)
- Reilly Tar & Chemical Corp. (Dover Plant), Dover, Ohio (coal tar wastes)
- Tex-Tin Corp., Texas City, Texas (mining wastes)

#### *Score Revisions*

EPA has revised the HRS scores for 37 sites based on its review of comments and additional information developed by EPA and the States (Table 2). Some of the changes have placed the sites in different groups of 50 sites. For seven of these sites, the public comments have resulted in scores below the cut-off of 28.50. Accordingly, these sites are being dropped from the proposed NPL at this time:

- Magnolia City Landfill, Magnolia, Arkansas
- Concord Naval Weapons Station, Concord, California
- Ford Motor Co. (Sludge Lagoon), Ypsilanti, Michigan

- Gautier Oil Co., Inc., Gautier, Mississippi
- Sunray Oil Co. Refinery, Allen, Oklahoma
- Rio Grande Oil Co. Refinery, Sour Lake, Texas
- Fort Howard Paper Co. (Sludge Lagoons), Green Bay, Wisconsin

Table 2.—Sites With HRS Score Changes

State/site name	Location	HRS score	
AR/Magnolia City Landfill	Magnolia	29.49	((FN1))
AZ/Apache Powder Co	St. David	49.74	39.09
CA/Concord Naval Weapon Station	Concord	29.92	((FN1))
CA/Crazy Horse Sanitary Landfill	Salinas	39.92	37.93
CA/Intersil Inc./Siemens Components	Cupertino	37.79	28.90
CA/Sulphur Bank Mercury Mine	Clear Lake	46.59	44.42
CA/Tracy Defense Depot	Tracy	31.12	37.16
CA/Watkins-Johnson Co. (Stewart Division)	Scotts Valley	44.46	28.90
CT/Cheshire Ground Water Contamination	Cheshire	36.11	35.57
DE/Kent County Landfill (Houston)	Houston	38.11	33.62
FL/BMI-Textron	Lake Park	37.93	35.34
FL/Woodbury Chemical Co (Princeton Plant)	Princeton	39.76	39.43
IA/Fairfield Coal Gasification Plant	Fairfield	33.76	38.05
IA/Northwestern States Portland Cement Co.	Mason City	58.18	57.80
IA/Sheller-Globe Corp. Disposal	Keokuk	35.42	33.66
IA/White Farm Equipment Co. Dump	Charles City	53.42	43.40
IL/Beloit Corp.	Rockton	40.15	52.08
IL/Central Illinois Public Service Co.	Taylorville	48.91	28.95

KY/Green River Disposal, Inc	Maceo	31.24	29.12
MI/Ford Motor Co. (Sludge Lagoon)	Ypsilanti	31.55	([FN1])
MI/Peerless Plating Co.	Muskegon	38.95	43.94
MO/Oronogo-Duenweg Mining Belt	Jasper County	46.33	46.20
MS/Gautier Oil Co., Inc	Gautier	29.79	([FN1])
NC/Hevi-Duty Electric Co	Goldsboro	32.05	29.88
NJ/Higgins Disposal	Kingston	35.73	30.87
NJ/Naval Weapons Station Earle (Site A)	Colts Neck	37.21	29.65
NM/Lee Acres Landfill (USDOJ)	Farmington	37.01	39.37
NM/Prewitt Abandoned Refinery	Prewitt	29.49	44.24
NY/Seneca Army Depot	Romulus	37.30	35.52
OK/Sunray Oil Co. Refinery	Allen	35.47	([FN1])
PA/Ohio River Park	Neville Island	49.27	42.24
TN/Murray-Ohio Manufacturing Co. (Horseshoe Bend Dump)	Lawrenceburg	40.27	30.93
TX/Rio Grande Oil Co. Refinery	Sour Lake	36.80	([FN1])
UT/Sharon Steel Corp. (Midvale Tailings)	Midvale	73.49	41.85
UT/Toole Army Depot (North Area)	Tooele	38.32	53.95
WI/Fort Howard Paper Co. Sludge Lagoons	Green Bay	30.83	([FN1])
WY/Mystery Bridge Rd/U.S. Highway 20	Evansville	45.22	32.10

FN1 Score indeterminate but below 28.50.

**\*35510 Name Revisions**

The names of two sites addressed in this final rule have been changed in response to information received during the comment period. The changes are intended to reflect more accurately the location, nature, or potential sources of contamination at the sites:

- Cheshire Ground Water Contamination (formerly Cheshire Associates Property), Cheshire, Connecticut
- North Market Street (formerly Tosco Corp. (Spokane Terminal)), Spokane, Washington

**VI. Disposition of All Proposed Sites/Federal Facility Sites**



To date, EPA has proposed 10 major updates to the NPL. This rule results in a total of 20 non-Federal sites that continue to be proposed pending completion of response to comment, resolution of technical issues, and resolution of various policy issues (Table 3). All sites that remain proposed will be considered for future final rules. Although these sites remain proposed, the comment periods have not been extended or reopened.

Table 3.—NPL Proposals

Update	Date/Federal Register citation	Number of sites/Federal facility sites
1	9/8/83 48 FR 40674	132/1 1/0
2	10/15/84 49 FR 40320	208/36 11/0
3	4/10/85 50 FR 14115	26/6 0/0
4	9/18/85 50 FR 37950	38/3 0/0
5	6/10/86 51 FR 21099	43/2 2/0
6	1/22/87 52 FR 2492	63/1 1/0
7	6/24/88 53 FR 23988	215/14 4/0
8	5/5/89 54 FR 19526	10/0 0/0
9	7/14/89 54 FR 29820	0/52 0/0
10	10/26/89 54 FR 43778	23/2 1/0
ATSDR	8/16/89 54 FR 33846	2/0 0/0
Total		760/117 20/0

## VII. Contents of the NPL

The 106 new sites added to the NPL in this rule (Table 1) have been incorporated into the NPL in order of their HRS scores except where EPA modified the order to reflect top priorities designated by the States, as discussed in greater detail in previous rules, the most recent on March 31, 1989 (54 FR 13296).



The NPL appears at the end of this final rule and will be codified as part of appendix B to the NCP. Sites on the NPL are arranged according to their scores on the HRS. The NPL is presented in groups of 50 sites to emphasize that minor differences in HRS scores do not necessarily represent significantly different levels of risk. Except for the first group, the score range within the groups, as indicated in the list, is less than 4 points. EPA considers the sites within a group to have approximately the same priority for response actions. For convenience, the sites are numbered.

The following three sites previously were placed on the NPL because they met the requirements of the NCP at § 300.425(c)(3), as explained in section III of this rule:

- Forest Glen Mobile Home Subdivision, Niagara Falls, New York
- Radium Chemical Co., Inc., New York, New York
- Lansdowne Radiation Site, Lansdowne, Pennsylvania

These sites have HRS scores less than 28.50 and appear at the end of the list.

**\*35511** This rule adds 23 new sites to the Federal facility section of the NPL by group number.

#### VIII. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to placement on the NPL, as explained below. Therefore, the Agency has determined that this rulemaking is not a “major” regulation under Executive Order 12291. EPA has conducted a preliminary analysis of economic implications of this amendment to the NCP. EPA believes that the kinds of economic effects associated with this revision generally are similar to those effects identified in the regulatory impact analysis (RIA) prepared in 1982 for the revisions to the NCP pursuant to section 105 of CERCLA and the economic analysis prepared when amendments to the NCP were proposed (50 FR 5882, February 12, 1985). The Agency believes the anticipated economic effects related to adding these 106 sites to the NPL can be characterized in terms of the conclusions of the earlier RIA and the most recent economic analysis. This rule was submitted to the Office of Management and Budget for review as required by Executive Order 12291.

#### *Costs*

EPA has determined that this rulemaking is not a “major” regulation under Executive Order 12291 because inclusion of a site on the NPL does not itself impose any costs. It does not establish that EPA necessarily will undertake remedial action, nor does it require any action by a private party or determine its liability for site response costs. Costs that arise out of site responses result from site-by-site decisions about what actions to take, not directly from the act of listing itself. Nonetheless, it is useful to consider the costs associated with responding to all sites included in this rulemaking.

The major events that follow the proposed listing of a site on the NPL are a search for potentially responsible parties and a remedial investigation/feasibility study (RI/FS) to determine if remedial actions will be undertaken at a site. Design and construction of the selected remedial alternative follow completion of the RI/FS, and operation and maintenance (O&M) activities may continue after construction has been completed.

EPA initially bears costs associated with responsible party searches. Responsible parties may bear some or all the costs of the RI/FS, remedial design and construction, and O&M, or EPA and the States may share costs.

The State cost share for site cleanup activities has been amended by section 104 of SARA. For privately-owned sites, as well as for publicly-owned but not publicly-operated sites, EPA will pay for 100% of the costs of the RI/FS and remedial planning, and

90% of the costs associated with remedial action. The State will be responsible for 10% of the remedial action. For publicly-operated sites, the State cost share is at least 50% of all response costs at the site, including the RI/FS and remedial design and construction of the remedial action selected. After the remedy is built, costs fall into two categories:

- For restoration of ground water and surface water, EPA will share in startup costs according to the criteria in the previous paragraph for 10 years or until a sufficient level of protectiveness is achieved before the end of 10 years.
- For other cleanups, EPA will share for up to 1 year the cost of that portion of response needed to assure that a remedy is operational and functional. After that, the State assumes full responsibilities for O&M.

In previous NPL rulemakings, the Agency estimated the costs associated with these activities (RI/FS), remedial design, remedial action, and O&M) on an average per site and total cost basis. EPA will continue with this approach, using the most recent (1988) cost estimates available; these estimates are presented below. However, there is wide variation in costs for individual sites, depending on the amount, type, and extent of contamination. Additionally, EPA is unable to predict what portions of the total costs responsible parties will bear, since the distribution of costs depends on the extent of voluntary and negotiated response and the success of any cost-recovery actions.

Cost category	Average total cost per site [FN1]
RI/FS	1,300,000
Remedial Design	1,500,000
Remedial Action	[FN2] 25,000,000
Net present value of O&M [FN3]	[FN2] 3,770,000

FN1 1988 U.S. Dollars.

FN2 Includes State cost-share.

FN3 Assumes cost of O&M over 30 years, \$400,000 for the first year and 10% discount rate.

FNSource: Office of Program Management, Office of Emergency and Remedial Response, U.S. EPA.

Costs to States associated with today's final rule arise from the required State cost-share of: (1) 10% of remedial actions and 10% of first-year O&M costs at privately-owned sites and sites that are publicly-owned but not publicly-operated; and (2) at least 50% of the remedial planning (RI/FS and remedial design), remedial action, and first-year O&M costs at publicly-operated sites. States will assume the cost for O&M after EPA's period of participation. Using the assumptions developed in the 1982 RIA for the NCP, EPA has assumed that 90% of the 83 non-Federal sites added to the NPL in this rule will be privately-owned and 10% will be State- or locally-operated. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial planning and actions, but excluding O&M costs, would be approximately \$301.6 million. State O&M costs cannot be accurately determined because EPA, as noted above, will share O&M costs for up to 10 years for restoration of ground water and surface water, and it is not known how many sites will require this treatment and for how long. However, based on past experience, EPA believes a reasonable estimate is that it will share startup costs for up to 10 years at 25% of sites. Using this estimate, State O&M costs would be approximately \$265.5 million.

Placing a hazardous waste site on the NPL does not itself cause firms responsible for the site to bear costs. Nonetheless, a listing may induce firms to clean up the sites voluntarily, or it may act as a potential trigger for subsequent enforcement or cost-recovery actions. Such actions may impose costs on firms, but the decisions to take actions are discretionary and made on a case-by-case basis. Consequently, precise estimates of these effects cannot be made. EPA does not believe that every site will

be cleaned up by a responsible party. EPA cannot project at this time which firms or industry sectors will bear specific portions of the response costs, but the Agency considers: The volume and nature of the waste at the sites; the strength of the evidence linking the wastes at the site to the parties; the parties' ability to pay; and other factors when deciding whether and how to proceed against the parties.

Economy-wide effects of this amendment to the NCP are aggregations of effects on firms and State and local governments. Although effects could be felt by some individual firms and States, the total impact of this amendment on output, prices, and employment is expected to be negligible at the national level, as was the case in the 1982 RIA.

#### Benefits

The real benefits associated with today's amendment placing additional sites on the NPL are increased health and environmental protection as a result of increased public awareness of \*35512 potential hazards. In addition to the potential for more Federally-financed remedial actions, expansion of the NPL could accelerate privately-financed, voluntary cleanup efforts. Listing sites as national priority targets also may give States increased support for funding responses at particular sites.

As a result of the additional CERCLA remedies, there will be lower human exposure to high-risk chemicals, and higher-quality surface water, ground water, soil, and air. These benefits are expected to be significant, although difficult to estimate in advance of completing the RI/FS at these sites.

#### IX. Regulatory Flexibility Act Analysis

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities, the Act refers to small businesses, small government jurisdictions, and nonprofit organizations.

While modifications to the NPL are considered revisions to the NCP, they are not typical regulatory changes since the revisions do not automatically impose costs. The placing of sites on the NPL does not in itself require any action of any private party, nor does it determine the liability of any party for the cost of cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, it is hard to predict impacts on any group. Placing a site on the NPL could increase the likelihood that adverse impacts to responsible parties (in the form of cleanup costs) will occur, but EPA cannot identify the potentially affected business at this time nor estimate the number of small businesses that might be affected.

The Agency does not expect that certain industries and firms within industries that have caused a proportionately high percentage of waste site problems could be significantly affected by CERCLA actions. However, EPA does not expect the impacts from the listing of these 83 non-Federal sites to have a significant economic impact on a substantial number of small businesses.

In any case, economic impacts would occur only through enforcement and cost-recovery actions, which are taken at EPA's discretion on a site-by-site basis. EPA considers many factors when determining what enforcement actions to take, including not only the firm's contribution to the problem, but also the firm's ability to pay.

The impacts (from cost recovery) on small governments and nonprofit organizations would be determined on a similar case-by-case basis.

#### List of Subjects in 40 CFR Part 300

Air pollution control, Chemicals, Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

Dated: August 22, 1990.

Mary Gade,

Acting Assistant Administrator, Office of Solid Waste and Emergency Response.

40 CFR part 300 is amended as follows:

PART 300—[AMENDED]1. The authority citation for part 300 continues to read as follows:

Authority: 42 U.S.C. 9605; 42 U.S.C. 9620; 33 U.S.C. 1321(c)(2); E.O. 11735 (38 FR 21243); E.O. 12580 (52 FR 2923).

2. Appendix B of part 300 is revised to read as set forth below.

Appendix B—National Priorities List

National Priorities List (by Rank)				
[August 1990]				
NPL rank	EPA reg.	St	Site name	City/county
Group 1 (HRS Scores 75.60-58.54)				
1	02 NJ		Lipari Landfill	Pitman.
2	03 DE		Tybouts Corner Landfill*	New Castle County.
3	03 PA		Bruin Lagoon	Bruin Borough.
4	02 NJ		Helen Kramer Landfill	Mantua Township.
5	01 MA		Industri-Plex	Woburn.
6	02 NJ		Price Landfill*	Pleasantville.
7	02 NY		Pollution Abatement Services*	Oswego.
8	07 IA		LaBounty Site	Charles City.
9	03 DE		Army Creek Landfill	New Castle County.
10	02 NJ		CPS/Madison Industries	Old Bridge Township.
11	01 MA		Nyanza Chemical Waste Dump	Ashland.
12	02 NJ		GEMS Landfill	Gloucester Township.
13	05 MI		Berlin & Farro	Swartz Creek.
14	01 MA		Baird & McGuire	Holbrook.
15	02 NJ		Lone Pine Landfill	Freehold Township.
16	01 NH		Somersworth Sanitary Landfill	Somersworth.
17	05 MN		FMC Corp. (Fridley)	Fridley.

		Plant)	
18	06 AR	Vertac, Inc	Jacksonville.
19	01 NH	Keefe Environmental Services	Epping.
20	08 MT	Silver Bow Creek/Butte Area	Sil Bow/Deer Lodge.
21	08 SD	Whitewood Creek*	Whitewood.
22	06 TX	French, Ltd	Crosby.
23	05 MI	Liquid Disposal, Inc	Utica.
24	01 NH	Sylvester*	Nashua.
25	03 PA	Tyson's Dump	Upper Merion Twp.
26	03 PA	McAdoo Associates*	McAdoo Borough.
27	06 TX	Motco, Inc.*	La Marque.
28	05 OH	Arcanum Iron & Metal	Darke County.
29	08 MT	East Helena Site	East Helena.
30	06 TX	Sikes Disposal Pits	Crosby.
31	04 AL	Triana/Tennessee River	Limestone/Morgan.
32	09 CA	Stringfellow*	Glen Avon Heights.
33	01 ME	McKin Co	Gray.
34	06 TX	Crystal Chemical Co	Houston.
35	02 NJ	Bridgeport Rental & Oil Services	Bridgeport.
36	08 CO	Sand Creek Industrial	Commerce City.
37	06 TX	Geneva Industries/Fuhrmann Energy	Houston.
38	01 MA	W.R. Grace & Co Inc (Acton Plant)	Acton.
39	05 MN	New Brighton/Arden Hills	New Brighton.
40	05 MN	Reilly Tar (St. Louis Park Plant)*	St. Louis Park.
41	02 NJ	Vineland Chemical Co., Inc	Vineland.
42	02 NJ	Burnt Fly Bog	Marlboro Township.
43	04 FL	Schuylkill Metals Corp	Plant City.
44	03 PA	Publicker Industries Inc	Philadelphia.
45	02 NY	Old Bethpage Landfill	Oyster Bay.
46	04 FL	Reeves Southeast Galvanizing Corp	Tampa.
47	02 NJ	Shieldalloy Corp	Newfield Borough.
48	08 MT	Anaconda Co. Smelter	Anaconda.
49	10 WA	Western Processing Co., Inc	Kent.
50	05 WI	Omega Hills North	Germantown.

		Landfill	
Group 2 (HRS Scores 58.41-57.80, except for State top priority sites)			
51	04 FL	American Creosote (Pensacola Plt)	Pensacola.
52	02 NJ	Caldwell Trucking Co	Fairfield.
53	02 NY	GE Moreau	South Glen Falls.
54	05 IN	Seymour Recycling Corp. *	Seymour.
55	04 FL	Peak Oil Co./Bay Drum Co	Tampa.
56	05 OH	United Scrap Lead Co., Inc	Troy.
57	07 KS	Cherokee County	Cherokee County.
58	06 OK	Tar Creek (Ottawa County)	Ottawa County.
59	02 NJ	Brick Township Landfill	Brick Township.
60	02 NJ	Brook Industrial Park	Bound Brook.
61	05 MI	American Anodco, Inc	Ionia.
62	10 WA	Frontier Hard Chrome, Inc	Vancouver.
63	05 WI	Janesville Old Landfill	Janesville.
64	05 MI	Northern Plating	Cadillac.
65	04 SC	Independent Nail Co	Beaufort.
66	05 WI	Janesville Ash Beds	Janesville.
67	04 SC	Kalama Specialty Chemicals	Beaufort.
68	07 IA	Lehigh Portland Cement Co	Mason City.
69	04 FL	Davie Landfill	Davie.
70	05 OH	Miami County Incinerator	Troy.
71	10 WA	ALCOA (Vancouver Smelter)	Vancouver.
72	10 ID	Eastern Michaud Flats Contamin	Pocatello.
73	09 AZ	Tucson International Airport Area	Tucson.
74	07 IA	Northwestern States Portland Cem	Mason City.
75	05 WI	Wheeler Pit	La Prairie Township.
76	05 IN	International Minerals (E. Plant)	Terre Haute.
77	04 FL	Gold Coast Oil Corp	Miami.

78	03 PA	Salford Quarry	Salford Township.
79	05 MI	Gratiot County Landfill*	St. Louis.
80	01 RI	Picillo Farm*	Coventry.
81	01 MA	New Bedford Site*	New Bedford.
82	06 LA	Old Inger Oil Refinery*	Darrow.
83	05 OH	Chem-Dyne*	Hamilton.
84	04 SC	SCRDI Bluff Road*	Columbia.
85	01 CT	Laurel Park, Inc.*	Naugatuck Borough.
86	08 CO	Marshall Landfill*	Boulder County.
87	05 IL	Outboard Marine Corp.*	Waukegan.
88	06 NM	South Valley*	Albuquerque.
89	01 VT	Pine Street Canal*	Burlington.
90	03 WV	West Virginia Ordnance*	Point Pleasant.
91	07 MO	Ellisville Site*	Ellisville.
92	08 ND	Arsenic Trioxide Site*	Southeastern ND.
93	07 IA	Aidex Corp.*	Council Bluffs.
94	05 WI	N.W. Mauthe Co., Inc.*	Appleton.
95	04 TN	North Hollywood Dump*	Memphis.
96	04 KY	A.L. Taylor (Valley of Drums)*	Brooks.
97	09 GU	Ordot Landfill*	Guam.
98	04 MS	Flowood Site*	Flowood.
99	08 UT	Rose Park Sludge Pit*	Salt Lake City.
100	07 KS	Arkansas City Dump*	Arkansas City.
Group 3 (HRS Scores 57.80-52.58)			
101	10 WA	General Electric (Spokane Shop)	Spokane.
102	09 CA	Operating Industries, Inc. Lndfil	Monterey Park.
103	02 NY	Wide Beach Development	Brant.
104	09 CA	Iron Mountain Mine	Redding.
105	02 NJ	Scientific Chemical Processing	Carlstadt.
106	08 CO	California Gulch	Leadville.
107	02 NJ	D'Imperio Property	Hamilton Township.
108	05 MN	Oakdale Dump	Oakdale.
109	05 IL	Parsons Casket Hardware Co.	Belvidere.
110	05 IL	A & F Material Rec-	Greenup.



			laiming, Inc	
111	03 PA	Douglassville Disposal	Douglassville.	
112	05 MN	Koppers Coke	St. Paul.	
113	01 MA	Plymouth Harbor/Cannon Eng. Corp	Plymouth.	
114	10 ID	Monsanto Chemical (Soda Springs)	Soda Springs.	
115	10 ID	Bunder Hill Mining & Metallurg	Smelterville.	
116	02 NY	Hudson River PCBs	Hudson River.	
117	02 NJ	Universal Oil Products (Chem Div)	East Rutherford.	
118	09 CA	Aerojet General Corp	Rancho Cordova.	
119	10 WA	Com Bay, South Tacoma Channel	Tacoma.	
120	03 PA	Osborne Landfill	Grove City.	
121	08 UT	Portland Cement (Kiln Dust 2 & 3)	Salt Lake City.	
122	01 CT	Old Southington Landfill	Southington.	
123	02 NY	Syosset Landfill	Oyster Bay.	
124	02 NY	Circuitron Corp	East Farmingdale.	
125	09 AZ	Nineteenth Avenue Landfill	Phoenix.	
126	10 OR	Teledyne Wah Chang	Albany.	
127	10 WA	Midway Landfill	Kent.	
128	02 NY	Sinclair Refinery	Wellsville.	
129	04 AL	Mowbray Engineering Co	Greenville.	
130	05 MI	Spiegelberg Landfill	Green Oak Township.	
131	04 FL	Miami Drum Services	Miami.	
132	02 NJ	Reich Farms	Pleasant Plains.	
133	10 ID	Union Pacific Railroad Co.	Pocatello.	
134	02 NJ	South Brunswick Landfill	South Brunswick.	
135	03 PA	Raymark	Hatboro.	
136	04 AL	Ciba-Geigy Corp. (McIntosh Plant)	McIntosh.	
137	04 FL	Kassauf-Kimerling Battery	Tampa.	
138	05 IL	Wauconda Sand & Gravel	Wauconda.	
139	05 MI	Bofors Nobel, Inc	Muskegon.	



140	06 TX	Bailey Waste Disposal	Bridge City.
141	01 NH	Ottati & Goss/Kingston Steel Drum	Kingston.
142	05 MI	Ott/Story/Cordova Chemical Co.	Dalton Township.
143	05 MI	Thermo-Chem, Inc.	Muskegon.
144	09 CA	Brown & Bryant, Inc. (Arvin Plant)	Arvin.
145	03 VA	Greenwood Chemical Co.	Newtown.
146	02 NJ	NL Industries	Pedricktown.
147	05 MN	St. Regis Paper Co.	Cass Lake.
148	04 KY	Brantley Landfill	Island.
149	04 NC	Aberdeen Pesticide Dumps	Aberdeen.
150	01 VT	Burgess Brothers Landfill	Woodford.
Group 4 (HRS Scores 52.58-50.23)			
151	02 NJ	Ringwood Mines/Landfill	Ringwood Borough.
152	04 FL	Whitehouse Oil Pits	Whitehouse.
153	04 GA	Hercules 009 Landfill	Brunswick.
154	02 NY	Jones Sanitation	Hyde Park.
155	01 VT	Parker Sanitary Landfill	Lyndon.
156	05 MI	Velsicol Chemical Corp. (Michigan)	St. Louis.
157	05 OH	Summit National	Deerfield Township.
158	02 NY	Love Canal	Niagara Falls.
159	10 WA	Seattle Mun Lndfl (Kent Hghlnds)	Kent.
160	03 DE	Coker's Sanitation Service Lndfls	Kent County.
161	05 MI	Rockwell International (Allegan)	Allegan.
162	05 MN	Pine Bend Sanitary Landfill	Dakota County.
163	07 IA	Lawrence Todtz Farm	Camanche.
164	05 IL	Beloit Corp.	Rockton.
165	05 IN	Fisher-Calo	LaPorte.
166	04 FL	Pioneer Sand Co.	Warrington.
167	05 MI	Springfield Township Dump	Davisburg.
168	03 PA	Hranica Landfill	Buffalo Township.
169	04 NC	Martin-Marietta, So-	Charlotte.

		dyeco, Inc	
170	03 DE	E.I. Du Pont (Newport Plant Lf)	Newport.
171	03 PA	Hellertown Manufac- turing Co.	Hellertown.
172	04 FL	Zellwood Ground Wa- ter Contamin	Zellwood.
173	05 MI	Packaging Corp. of America	Filer City.
174	05 WI	Muskego Sanitary Landfill	Muskego.
175	10 ID	Kerr-McGee Chemical (Soda Springs)	Soda Springs.
176	05 IN	Whiteford Sales & Ser/National Lease	South Bend.
177	02 NY	Hooker (S Area)	Niagara Falls.
178	03 PA	Lindane Dump	Harrison Township.
179	08 CO	Central City-Clear Creek	Idaho Springs.
180	02 NJ	Ventrol/Velsicol	Wood Ridge Borough
181	04 FL	Taylor Road Landfill	Seffner.
182	01 RI	Western Sand & Gravel	Burrillville.
183	02 NY	Rosen Brothers Scrap Yard/Dump	Cortland.
184	04 SC	Koppers Co Inc (Flo- rence Plant)	Florence.
185	02 NJ	Maywood Chemical Co	Maywood/Rochelle Pk.
186	02 NJ	Nascolite Corp.	Millville.
187	05 OH	Industrial Excess Land- fill	Uniontown.
188	09 CA	Industrial Waste Processing	Fresno.
189	06 OK	Hardage/Criner	Criner.
190	05 MI	Rose Township Dump	Rose Township.
191	05 MN	Waste Disposal Engi- neering	Andover.
192	02 NY	Liberty Industrial Fi- nishing	Farmingdale.
193	02 NJ	Kin-Buc Landfill	Edison Township.
194	05 IN	Waste, Inc. Landfill	Michigan City.
195	05 OH	Bowers Landfill	Circleville.
196	06 TX	Brio Refining, Inc	Friendswood.
197	02 NJ	Ciba-Geigy Corp.	Toms River.
198	05 MI	Butterworth 2 Landfill	Grand Rapids.

199	02 NJ	American Cyanamid Co.	Bound Brook.
200	03 PA	Heleva Landfill	North Whitehall Twp.
Group 5 (HRS Scores 50.19-47.49)			
201	02 NJ	Ewan Property	Shamong Township.
202	02 NY	Batavia Landfill	Batavia.
203	05 IL	Woodstock Municipal Landfill	Woodstock.
204	05 MN	Boise Cascade/Onan/Medtronics	Fridley.
205	05 IL	MIG/Dewane Landfill	Belvidere.
206	01 RI	Landfill & Resource Recovery	North Smithfield.
207	05 MI	Hi-Mill Manufacturing Co	Highland.
208	03 PA	Butler Mine Tunnel	Pittston.
209	04 FL	Northwest 58th Street Landfill	Hialeah.
210	02 NJ	Delilah Road	Egg Harbor Township.
211	03 PA	Mill Creek Dump	Erie.
212	02 NJ	Glen Ridge Radium Site	Glen Ridge.
213	02 NJ	Montclair/West Orange Radium Site	Montclair/W Orange.
214	01 CT	Precision Plating Corp	Vernon.
215	04 FL	Sixty-Second Street Dump	Tampa.
216	05 MI	G&H Landfill	Utica.
217	01 VT	Bennington Municipal Sanitary Lfl	Bennington.
218	04 NC	Celanese (Shelby Fiber Operations)	Shelby.
219	02 NJ	Metaltec/Aerosystems	Franklin Borough.
220	05 WI	Schmalz Dump	Harrison.
221	04 TN	Carrier Air Conditioning Co	Collierville.
222	05 MI	Motor Wheel, Inc	Lansing.
223	05 WI	Better Brite Chrome & Zinc Shops	DePere.
224	09 CA	Southern Calif Edison (Visalia)	Visalia.
225	02 NJ	Lang Property	Pemberton Township.
226	06 TX	Stewco, Inc.	Waskom.
227	02 NJ	Sharkey Landfill	Parsippany/Troy Hls.

228	09 CA	Selma Treating Co	Selma.
229	06 LA	Cleve Reber	Sorrento.
230	05 IL	Velsicol Chemical Corp. (Illinois)	Marshall.
231	07 MO	Wheeling Disposal Service Co. Lf	Amazonia.
232	05 MI	Tar Lake	Mancel-ona Township.
233	02 NY	Johnstown City Landfill	Town of Johnstown.
234	04 NC	NC State U (Lot 86, Farm Unit 1)	Raleigh.
235	08 CO	Lowry Landfill	Arapahoe County.
236	05 MN	MacGillis & Gibbs/Bell Lumber	New Brighton.
237	03 PA	Hunterstown Road	Straban Township.
238	03 MD	Woodlawn County Landfill	Woodlawn.
239	05 WI	Hechimovich Sanitary Landfill	Williams- town.
240	07 IA	Mid-America Tanning Co	Sergeant Bluff.
241	07 NE	Lindsay Manufacturing Co	Lindsay
242	02 NJ	Combe Fill North Landfill	Mount Olive Twp.
243	01 MA	Re-Solve, Inc	Dartmouth.
244	02 NJ	Goose Farm	Plumstead Township.
245	04 TN	Velsicol Chem (Hardeman County)	Toone.
246	02 NY	York Oil Co	Moir.
247	04 FL	Sapp Battery Salvage	Cottondale.
248	04 SC	Wamchem, Inc	Burton.
249	02 NJ	Chemical Leaman Tank Lines, Inc	Bridgeport.
250	05 WI	Master Disposal Service Landfill	Brookfield.
Group 6 (HRS Scores 47,46-45,91)			
251	07 KS	Doepke Disposal (Holiday)	Johnson County.
252	02 NJ	Florence Land Recontouring Landfill	Florence Township.
253	01 RI	Davis Liquid Waste	Smithfield.
254	01 MA	Charles-George Reclamation Landfill	Tyngsborough.
255	02 NJ	King of Prussia	Winslow Township.

256	03 VA	Chisman Creek	York County.
257	05 OH	Nease Chemical	Salem.
258	08 CO	Eagle Mine	Minturn/Redcliff.
259	02 NJ	Chemical Control	Elizabeth.
260	04 NC	Charles Macon Lagoon & Drum Stor	Cordova.
261	04 SC	Leonard Chemical Co., Inc	Rock Hill.
262	05 OH	Allied Chemical & Ironton Coke	Ironton.
263	05 MI	Verona Well Field	Battle Creek.
264	07 MO	Lee Chemical	Liberty.
265	01 CT	Beacon Heights Land- fill	Beacon Falls.
266	04 AL	Stauffer Chem (Cold Creek Plant)	Bucks.
267	05 MN	Burlington Northern (Brainerd)	Brainerd/Baxter.
268	05 MI	Torch Lake	Houghton County.
269	01 RI	Central Landfill	Johns- ton.
270	03 PA	Malvern TCE	Malvern.
271	02 NY	Facet Enterprises, Inc	Elmira.
272	03 DE	Delaware Sand & Gra- vel Landfill	New Castle County.
273	03 PA	Tonolli Corp.	Nesquehoning.
274	04 NC	National Starch & Chemical Corp	Salisbury.
275	03 PA	MW Manufacturing	Valley Township.
276	03 VA	C & R Battery Co., Inc	Chesterfield County.
277	04 TN	Murray-Ohio Dump	Law <sup>TM</sup> rence <sup>TM</sup> burg.
278	05 IN	Environchem Corp.	Zionsville.
279	05 IN	MIDCO I	Gary.
280	05 OH	Ormet Corp.	Hannibal.
281	05 OH	South Point Plant	South Point.
282	01 CT	Gallup's Quarry	Plainfield.
283	03 PA	Whitmoyer Laborato- ries	Jackson Township.
284	07 IA	Peoples Natural Gas Co.	Dubuque.
285	07 MO	Oronogo-Duenweg Mining Belt	Jasper County.
286	04 FL	Coleman-Evans Wood Preserving Co	Whitehouse.
287	02 NJ	Dayco Corp./L.E. Car-	Wharton Borough.



		penter Co	
288	03 PA	Shriver's Corner	Straban Township.
289	03 PA	Dorney Road Landfill	Upper Macungie Twp.
290	03 PA	Berks Landfill	Spring Township.
291	05 IN	Northside Sanitary Landfill, Inc	Zionsville.
292	05 IL	Interstate Pollution Control, Inc	Rockford.
293	06 AR	Monroe Auto Equip (Paragould Pit)	Paragould.
294	06 OK	Oklahoma Refining Co	Cyril.
295	07 IA	E.I. Du Pont (County Rd X23)	West Point.
296	09 CA	Pacific Coast Pipe Lines	Fillmore.
297	02 NJ	Global Sanitary Landfill	Old Bridge Township.
298	04 FL	Florida Steel Corp	Indiantown.
299	03 PA	Occidental Chem/Firestone Tire	Lower Pottsgrove Twp.
300	03 VA	Culpeper Wood Preservers, Inc.	Culpeper.
Group 7 (HRS Scores 45.91-43.75)			
301	05 IL	Pagel's Pit	Rockford.
302	05 MN	University Minn Rosemount Res Cen	Rosemount.
303	05 MN	Freeway Sanitary Landfill	Burnsville.
304	05 WI	Tomah Municipal Sanitary Landfill	Tomah.
305	09 AZ	Litchfield Airport Area	Goodyear/Avondale.
306	09 CA	Firestone Tire (Salinas Plant)	Salinas.
307	02 NJ	Spence Farm	Plumstead Township.
308	06 AR	Mid-South Wood Products	Mena.
309	04 MS	Newsom Brothers/Old Reichhold	Columbia.
310	09 CA	Atlas Asbestos Mine	Fresno County.
311	09 CA	Coalinga Asbestos Mine	Coalinga.
312	04 FL	Brown Wood Preserving	Live Oak.
313	02 NY	Port Washington Landfill	Port Washington.

314	05 IN	Columbus Old Municipal Landfill 1	Columbus.
315	02 NJ	Combe Fill South Landfill	Chester Township.
316	02 NJ	JIS Landfill	Jamesburg/S. Brnsck.
317	02 NY	Tronic Plating Co., Inc	Farmingdale.
318	03 PA	Centre County Kepone	State College Boro.
319	04 FL	Agrico Chemical Co	Pensacola.
320	05 OH	Fields Brook	Ashtabula.
321	01 CT	Solvents Recovery Service New Eng	Southington.
322	08 CO	Woodbury Chemical Co	Commerce City.
323	02 NJ	Waldick Aerospace Devices, Inc	Wall Township.
324	01 MA	Hocomonco Pond	Westborough.
325	04 KY	Distler Brickyard	West Point.
326	02 NY	Ramapo Landfill	Ramapo.
327	09 CA	Coast Wood Preserving	Ukiah.
328	09 CA	South Bay Asbestos Area	Alviso.
329	02 NY	Mercury Refining, Inc	Colonie.
330	04 FL	Hollingsworth Solderless Terminal	Fort Lauderdale.
331	02 NY	Olean Well Field	Olean.
332	04 AL	T.H. Agricul & Nutri (Montgomery)	Montgomery.
333	09 CA	Fairchild Semiconduct (S San Jose)	South San Jose.
334	10 WA	Pasco Sanitary Landfill	Pasco.
335	09 CA	Sulphur Bank Mercury Mine	Clear Lake.
336	05 MN	Joslyn Manufacturing & Supply Co	Brooklyn Center.
337	03 PA	York County Solid Waste/Refuse Lf	Hopewell Township.
338	05 WI	Spickler Landfill	Spencer.
339	06 MN	Prewitt Abandoned Refinery	Prewitt.
340	08 CO	Denver Radium Site	Denver.
341	02 NY	Tri-Cities Barrel Co. Inc	Port Crane.
342	03 PA	Route 940 Drum Dump	Pocono Summit.
343	04 FL	Tower Chemical Co	Clermont.

344	05 MI	Peerless Plating Co	Muskegon.
345	01 VT	Darling Hill Dump	Lyndon.
346	03 PA	C & D Recycling	Foster Township.
347	04 KY	Fort Hartford Coal Co Stone Quarry	Olaton.
348	07 MO	Syntex Facility	Verona.
349	08 MT	Milltown Reservoir Sediments	Milltown.
350	05 MN	Arrowhead Refinery Co	Hermantown.
Group 8 (HRS Scores 43.70-42.33)			
351	10 OR	Martin-Marietta Alu- minum Co	The Dalles.
352	08 CO	Uravan Uranium (Un- ion Carbide)	Uravan.
353	02 NJ	Pijak Farm	Plumstead Township.
354	02 NJ	Syncon Resins	South Kearny.
355	05 MN	Oak Grove Sanitary Landfill	Oak Grove Township.
356	07 IA	White Farm Equipment Co. Dump	Charles City.
357	09 CA	Liquid Gold Oil Corp	Richmond.
358	09 CA	Purity Oil Sales, Inc.	Malaga.
359	01 NH	Tinkham Garage	Londonderry.
360	04 FL	Alpha Chemical Corp	Galloway.
361	02 NJ	Bog Creek Farm	Howell Township.
362	01 ME	Saco Tannery Waste Pits	Saco.
363	03 PA	River Road Lf/Waste Mngmnt, Inc	Hermitage.
364	02 PR	Frontera Creek	Rio Abajo.
365	04 FL	Pickettville Road Landfill	Jacksonville.
366	05 OH	Alsco Anaconda	Gnadenhutten.
367	01 MA	Iron Horse Park	Billerica.
368	03 PA	Palmerton Zinc Pile	Palmerton.
369	05 IN	Neal's Landfill (Bloo- mington)	Bloomington.
370	05 WI	Kohler Co. Landfill	Kohler.
371	04 AL	Interstate Lead Co. (ILCO)	Leeds.
372	04 FL	Standard Auto Bumper Corp	Hialeah.
373	07 KS	Hydro-Flex Inc	Topeka.
374	09 AZ	Hassayampa Landfill	Hassayampa.



375	06 LA	Gulf Coast Vacuum Services	Abbeville.
376	05 IL	Tri-County Lf/Waste Mgmt Illinois	South Elgin.
377	01 MA	Silresim Chemical Corp	Lowell.
378	01 MA	Wells G&H	Woburn.
379	01 CT	Nutmeg Valley Road	Wolcott.
380	02 NJ	Chemsol, Inc	Piscataway.
381	05 WI	Lauer I Sanitary Land-fill	Menomonee Falls.
382	05 MI	Petoskey Municipal Well Field	Petoskey.
383	05 MN	Union Scrap Iron & Metal Co	Minneapolis.
384	01 MA	Atlas Tack Corp	Fairhaven.
385	02 NJ	Radiation Technology, Inc	Rockaway Township.
386	02 NJ	Fair Lawn Well Field	Fair Lawn.
387	05 IN	Main Street Well Field	Elkhart.
388	05 MN	Lehillier/Mankato Site	Lehillier/Mankato.
389	01 WA	Lakewood Site	Lakewood.
390	03 PA	Industrial Lane	Williams Township.
391	04 FL	Airco Plating Co	Miami
392	05 IN	Fort Wayne Reduction Dump	Fort Wayne.
393	05 WI	Onalaska Municipal Landfill	Onalaska.
394	03 PA	A.I.W. Frank/Mid-County Mustang	Exton.
395	05 WI	National Presto Industries, Inc	Eau Claire.
396	02 NJ	Monroe Township Landfill	Monroe Township.
397	03 PA	Commodore Semiconductor Group	Lower Providence Twp.
398	02 NJ	Rockaway Borough Well Field	Rockaway Township.
399	05 IL	Lenz Oil Service, Inc	Lemont.
400	05 IN	Wayne Waste Oil	Columbia City.
Group 9 (HRS Scores 42.33-41.60)			
401	10 WA	Pacific Car & Foundry Co	Renton.
402	07 IA	John Deere (Ottumwa Works Lndfls)	Ottumwa.

403	03 MD	Mid-Atlantic Wood Preservers, Inc	Harmans
404	03 PA	Novak Sanitary Landfill	South Whitehall Twp.
405	05 IN	Himco Dump	Elkhart
406	10 ID	Pacific Hide & Fur Recycling Co	Pocatello.
407	07 IA	Des Moines TCE	Des Moines.
408	02 NJ	Beachwood/Berkley Wells	Berkley Township.
409	02 NJ	South Jersey Clothing Co	Minotola.
410	02 NY	Vestal Water Supply Well 4-2	Vestal.
411	02 PR	Vega Alta Public Supply Wells	Vega Alta.
412	03 PA	Avco Lycoming (Williamsport Div)	Williamsport.
413	03 PA	Ohio River Park	Neville Island.
414	04 GA	Wolfolk Chemical Works, Inc	Fort Valley.
415	05 IL	Southeast Rockford Gnd Wtr Con	Rockford.
416	05 IN	Tippecanoe Sanitary Landfill, Inc	Lafayette.
417	05 IN	Conrail Rail Yard (Elkhart)	Elkhart.
418	05 IN	Galen Myers Dump/Drum Salvage	Osceola.
419	05 MI	Sturgis Municipal Wells	Sturgis.
420	05 MI	Barrels, Inc	Lansing.
421	05 MI	State Disposal Landfill, Inc	Grand Rapids.
422	05 MN	Washington County Landfill	Lake Elmo
423	05 MN	Dakhue Sanitary Landfill	Cannon Falls.
424	06 TX	Odessa Chromium 1	Odessa.
425	06 TX	Odessa Chromium 2 (Andrews Hgwy)	Odessa.
426	07 IA	Electro-Coatings, Inc	Cedar Rapids.
427	07 NE	Hastings Ground Water Contamin	Hastings.
428	08 SD	Williams Pipe Line Disposal Pit	Sioux Falls.

429	09 AZ	Indian Bend Wash Area	Scottsdale/Tempe/Phnx.
430	09 CA	San Gabriel Valley (Area 1)	El Monte.
431	09 CA	San Gabriel Valley (Area 2)	Baldwin Park Area
432	09 CA	San Fernando Valley (Area 1)	Los Angeles.
433	09 CA	San Fernando Valley (Area 2)	Los Angeles/Glendale
434	09 CA	San Fernando Valley (Area 3)	Glendale.
435	09 CA	T.H. Agriculture & Nutrition Co	Fresno.
436	10 AK	Arctic Surplus	Fairbanks.
437	10 WA	Com Bay, Near Shore/Tide Flats	Pierce County.
438	05 IL	LaSalle Electric Utili- ties	LaSalle.
439	05 IL	Cross Brothers Pail (Pembroke)	Pembroke Township.
440	04 GA	Cedartown Industries, Inc	Cedartown.
441	04 NC	Jadco-Hughes Facility	Belmont.
442	05 IN	Southside Sanitary Landfill	Indianapolis.
443	02 NJ	Monitor Devic- es/Intercircuits Inc	Wall township.
444	01 VT	BFI Sanitary Landfill (Rockingham)	Rockingham.
445	02 PR	Upjohn Facility	Barceloneta.
446	04 NC	Koppers Co Inc (Mor- risville Plnt)	Morrisville.
447	08 UT	Sharon Steel (Midvale Tailings)	Midvale.
448	09 CA	McColl	Fullerton.
449	03 PA	Henderson Road	Upper Merion Twp.
450	02 NY	Hooker Chemical/Ruco Polymer Corp	Hicksville.
Group 10 (HRS Scores 41-59-39-89)			
451	10 WA	Colbert Landfill	Colbert.
452	06 LA	Petro-Processors of Louisiana Inc	Scotlandville.
453	03 PA	Westinghouse Elec (Sharon Plant)	Sharon.
454	02 NY	Applied Environmental	Glenwood Landing.

		Services	
455	02 PR	Barceloneta Landfill	Florida Afuera.
456	01 NH	Tibbets Road	Barrington.
457	03 MD	Sand, Gravel & Stone	Elkton.
458	03 PA	Delta Quarries/Stotler Landfill	Antis/Logan Twps.
459	01 CT	Revere Textile Prints Corp	Sterling.
460	05 MI	Spartan Chemical Co	Wyoming.
461	02 NJ	Roebling Steel Co	Florence.
462	03 PA	East Mount Zion	Spring- ettsbury Twp.
463	04 GA	T.H. Agricul & Nutri (Albany)	Albany.
464	04 TN	Amnicola Dump	Chattanooga.
465	02 NJ	Vineland State School	Vineland.
466	09 AZ	Motorola, Inc. (52nd Street Plant)	Phoenix.
467	01 MA	Groveland Wells	Groveland.
468	02 NY	General Motors (Cent Foundry Div)	Massena.
469	01 NH	Mottolo Pig Farm	Raymond.
470	03 VA	Buckingham County Landfill	Buckingham.
471	04 SC	SCRDI Dixiana	Cayce.
472	05 MI	Roto-Finish Co., Inc	Kalamazoo.
473	05 MN	Olmsted County Sanitary Landfill	Oronoco.
474	07 MO	Quality Plating	Sikeston.
475	05 IN	Prestolite Battery Division	Vincennes.
476	07 MO	Fulbright Landfill	Springfield.
477	02 NJ	Williams Property	Swainton.
478	02 NJ	Renora, Inc	Edison Township.
479	04 NC	FCX, Inc. (Washington Plant)	Washington.
480	03 PA	Jacks Creek/Sitkin Smelting & Ref	Maitland.
481	06 NM	Cleveland Mill	Silver City.
482	02 NJ	Denzer & Schafer X-Ray Co	Bayville.
483	02 NJ	Hercules, Inc. (Gibbs-town Plant)	Gibbstown.
484	05 IN	Ninth Avenue Dump	Gary.
485	03 MD	Bush Valley Landfill	Abingdon.

486	04 SC	Golden Strip Septic Tank Service	Simpsonville.
487	04 SC	Rock Hill Chemical Co	Rock Hill.
488	06 TX	Texarkana Wood Preserving Co	Texarkana.
489	06 AR	Gurley Pit	Edmondson.
490	04 FL	Petroleum Products Corp	Pembroke Park.
491	01 RI	Peterson/Puritan, Inc	Lincoln/Cumberland.
492	07 MO	Times Beach Site	Times Beach.
493	05 MI	Wash King Laundry	Pleasant Plains Twp.
494	05 MN	Whittaker Corp	Minneapolis.
495	05 WI	Algoma Municipal Landfill	Algoma.
496	05 MN	NL Industries/Taracorp/Golden	St. Louis Park.
497	09 CA	Westinghouse Elec (Sunnyvale Plt)	Sunnyvale.
498	01 CT	Kellogg-Deering Well Field	Norwalk.
499	03 PA	Boarhead Farms	Bridgeton Township.
500	01 MA	Cannon Engineering Corp (CEC)	Bridgewater.
Group 11 (HRS Scores 39.88-38.20)			
501	05 MI	H. Brown Co., Inc	Grand Rapids.
502	02 NY	Nepera Chemical Co., Inc	Maybrook.
503	02 NY	Niagara County Refuse	Wheatfield.
504	04 FL	Sherwood Medical Industries	Deland.
505	09 CA	Western Pacific Railroad Co	Oroville.
506	04 AL	Olin Corp. (McIntosh Plant)	McIntosh.
507	05 MI	Southwest Ottawa County landfill	Park township.
508	02 NY	Kentucky Avenue Well Field	Horseheads.
509	02 NY	Pasley Solvents & Chemicals, Inc	Hempstead.
510	06 TX	Sol Lynn/Industrial Transformers	Houston.
511	02 NJ	Asbestos Dump	Millington.
512	04 KY	Lee's Lane Landfill	Louisville.
513	05 IL	Kerr-McGee	West Chicago.



		(Reed-Kepler Park)	
514	06 AR	Frit Industries	Walnut Ridge.
515	05 IL	Amoco Chemicals (Joliet Landfill)	Joliet.
516	04 FL	Woodbury Chemical (Princeton Plnt)	Princeton.
517	05 OH	Fultz Landfill	Jackson Township.
518	04 NC	New Hanover Cnty Airport Burn Pit	Wilmington.
519	10 OR	Allied Plating, Inc	Portland.
520	05 OH	Coshocton Landfill	Franklin Township.
521	09 AZ	Apache Powder Co	St. David.
522	09 NV	Carson River Mercury Site	Lyon/Churchill Cnty.
523	03 PA	AMP, Inc. (Glen Rock Facility)	Glen Rock.
524	04 NC	JFD Electronics/Channel Master	Oxford.
525	04 TN	Arlington Blending & Packaging	Arlington.
526	06 LA	PAB Oil & Chemical Service, Inc	Abbeville.
527	04 FL	Sydney Mine Sludge Ponds	Brandon.
528	06 NM	Cimarron Mining Corp	Carrizozo.
529	01 RI	Davis (GSR) Landfill	Glocester.
530	03 PA	Lord-Shope Landfill	Girard township.
531	10 WA	FMC Corp. (Yakima Pit)	Yakima.
532	05 WI	Northern Engraving Co	Sparta.
533	06 TX	South Cavalcade Street	Houston.
534	01 MA	PSC Resources	Palmer.
535	05 MI	Forest Waste Products	Otisville.
536	03 PA	Drake Chemical	Lock Haven.
537	09 CA	United Heckathorn Co	Richmond.
538	01 NH	Kearsarge Metallurgical Corp	Conway.
539	04 SC	Palmetto Wood Preserving	Dixiana.
540	05 IL	Petersen Sand & Gravel	Libertyville.
541	05 MI	Clare Water Supply	Clare.
542	06 TX	Tex-Tin Corp.	Texas City.
543	03 PA	Havertown PCP	Haverford.
544	03 DE	New Castle Spill	New Castle County.

545	07 MO	St Louis Air- port/HIS/Fut Coatings	St. Louis County
546	08 MT	Idaho Pole Co.	Bozeman.
547	03 DE	NCR Corp. (Millsboro Plant)	Millsboro
548	05 IN	Lake Sandy Jo (M&M Landfill)	Gary.
549	05 IL	Johns-Manville Corp.	Waukegan.
550	05 MI	Chem Central	Wyoming Township.
Group 12 (HRS Scores 38.20-37.62)			
551	05 MI	Novaco Industries	Temperance.
552	04 FL	Beulah Landfill	Pensacola.
553	05 MN	Windom Dump	Windom.
554	05 IL	Kerr-McGee (Residen- tial Areas)	W Chic/DuPage Cnty.
555	01 RI	Rose Hill Regional Landfill	South Kings™town.
556	02 NJ	Jackson Township Landfill	Jackson Township
557	05 IL	NL Industries/Taracorp Lead Smelt	Granite City.
558	04 KY	Red Penn Sanitation Co. Landfill	Peewee Valley.
559	05 MI	K&L Avenue Landfill	Oshtemo township.
560	05 OH	TRW Inc. (Minerva Plant)	Minerva.
561	10 WA	Kaiser Aluminum Mead Works	Mead.
562	06 OK	Mosley Road Sanitary Landfill	Oklahoma City.
563	01 CT	Barkhamsted-New Hartford Landfill	Barkhamsted.
564	07 IA	Fairfield Coal Gasifica- tion Plant	Fairfield.
565	05 MN	Perham Arsenic Site	Perham.
566	05 MI	Charlevoix Municipal Well	Charlevoix.
567	02 NJ	Montgomery Township Housing Devl	Montgomery Township.
568	02 NJ	Rocky Hill Municipal Well	Rocky Hill Borough.
569	02 NJ	Cinnaminson Ground Water Contamin	Cinnaminson Township.
570	02 NJ	Chemical Insecticide Corp	Edison Township.



571	02 NY	Brewster Well Field	Putnam County.
572	02 NY	Vestal Water Supply Well 1-1	Vestal.
573	03 DE	Chem-Solv, Inc	Cheswold.
574	03 PA	Bally Ground Water Contamination	Bally Borough.
575	04 FL	Madison County Sani- tary Landfill	Madison.
576	04 FL	Chemform, Inc	Pompano Beach.
577	04 FL	Wilson Concepts of Florida, Inc	Pompano Beach.
578	04 NC	Bypass 601 Ground Water Contamin	Concord.
579	04 NC	FCX, Inc. (Statesville Plant)	Statesville.
580	04 SC	Lexington County Landfill Area	Cayce.
581	05 MI	Michigan Disposal (Cork Street Lf)	Kalamazoo.
582	07 MO	Solid State Circuits, Inc	Republic.
583	07 NE	Waverly Ground Water Contamin	Waverly.
584	08 CO	Chemical Sales C0	Denver.
585	08 UT	Utah Power & Light/American Barrel	Salt Lake City.
586	09 CA	Advanced Micro De- vices, Inc	Sunnyvale.
587	09 CA	Hexcel Corp	Livermore.
588	09 CA	Crazy Horse Sanitary Landfill	Salinas.
589	10 OR	Union Pacific Railroad Tie Treat	The Dalles.
590	10 WA	Hidden Valley Lndfl (Thun Field)	Pierce County.
591	10 WA	Yakima Plating Co	Yakima.
592	05 MN	Nutting Truck & Caster Co	Faribault.
593	02 NJ	U.S. Radium Corp	Orange.
594	05 MI	Carter Industrials, Inc	Detroit.
595	06 TX	Highlands Acid Pit	Highlands.
596	03 PA	Resin Disposal	Jefferson Borough.
597	08 MT	Libby Ground Water Contamination	Libby.
598	04 KY	Newport Dump	Newport.
599	04 SC	Sanga-	Pickens.

		mo/Twelve-Mile/Hartwell PCB	
600	03 PA	Moyers Landfill	Eagleville.
Group 13 (HRS Scores 37.52-35.79)			
601	01 NH	Savage Municipal Water Supply	Milford.
602	05 MN	LaGrand Sanitary Landfill	LaGrand Township.
603	05 IN	Poor Farm	Hancock County.
604	03 PA	Brown's Battery Breaking	Shoemakersville.
605	02 NY	SMS Instruments, Inc.	Deer Park.
606	05 MI	Hedblum Industries	Oscoda.
607	06 TX	United Creosoting Co.	Conroe.
608	02 NY	Byron Barrel & Drum	Byron.
609	05 MI	Bendix Corp/Allied Automotive	St. Joseph.
610	08 WY	Baxter/Union Pacific Tie Treating	Laramie.
611	02 NY	Anchor Chemicals	Hicksville.
612	05 MI	Waste Management—Mich (Holland)	Holland.
613	03 VA	Arrowhead Assoc/Scovill Corp	Montross.
614	03 VA	Atlantic Wood Industries, Inc	Portsmouth.
615	06 TX	North Cavalcade Street	Houston.
616	02 NJ	Sayreville Landfill	Sayreville.
617	01 NH	Dover Municipal Landfill	Dover.
618	02 NY	Ludlow Sand & Gravel	Clayville.
619	03 VA	Saunders Supply Co.	Chuckatuck.
620	05 WI	City Disposal Corp. Landfill	Dunn.
621	02 NJ	Tabernacle Drum Dump	Tabernacle Township.
622	07 MO	Minker/Stout/Romaine Creek	Imperial.
623	04 KY	Howe Valley Landfill	Howe Valley.
624	01 CT	Yaworski Waste Lagoon	Canterbury.
625	03 WV	Leetown Pesticide	Leetown.
626	04 SC	Rochester Property	Travelers Rest.
627	04 FL	Cabot/Koppers	Gainesville.

628	02 NJ	Evor Phillips Leasing	Old Bridge Township.
629	03 PA	William Dick Lagoons	West Caln Township.
630	05 IN	Douglass Road/Uniroyal, Inc., Lf	Mishawaka.
631	03 PA	Lackawanna Refuse	Old Forge Borough.
632	06 OK	Compass Industries (Avery Drive)	Tulsa.
633	02 NJ	Mannheim Avenue Dump	Galloway Township.
634	05 IN	Neal's Dump (Spencer)	Spencer.
635	03 VA	Abex Corp.	Portsmouth.
636	02 NY	Fulton Terminals	Fulton.
637	05 MI	Allied Paper/Portage Ck/Kalamaz R	Kalamazoo.
638	06 LA	Dutchtown Treatment Plant	Ascension Parish.
639	03 PA	Westinghouse Elevator Co. Plant	Gettysburg.
640	10 WA	Centralia Municipal Landfill	Centralia.
641	01 NH	Auburn Road Landfill	Londonderry.
642	03 WV	Fike Chemical, Inc.	Nitro.
643	05 MN	General Mills/Henkel Corp.	Minneapolis.
644	04 TN	Wrigley Charcoal Plant	Wrigley.
645	05 OH	Laskin/Poplar Oil Co.	Jefferson Township.
646	05 OH	Old Mill	Rock Creek.
647	04 SC	Townsend Saw Chain Co	Pontiac.
648	07 KS	Johns' Sludge Pond	Wichita.
649	05 WI	Stoughton City Landfill	Stoughton.
650	09 CA	Del Norte Pesticide Storage	Crescent City.
Group 14 (HRS Scores 35.76-35.35)			
651	03 VA	Suffolk City Landfill	Suffolk.
652	01 VT	Tansitor Electronics, Inc	Bennington.
653	02 NJ	De Rewa Chemical Co.	Kingwood Township.
654	03 PA	Middletown Air Field	Middletown.
655	02 NJ	Swope Oil & Chemical Co	Pennsauken.
656	04 GA	Monsanto Corp. (Au- gusta Plant)	Augusta.
657	01 NH	South Municipal Water	Peterborough.

		Supply Well	
658	01 ME	Winthrop Landfill	Winthrop.
659	03 WV	Ordnance Works Disposal Areas	Morgantown.
660	04 GA	Diamond Shamrock Corp. Landfill	Cedartown.
661	05 OH	Zanesville Well Field	Zanesville.
662	01 CT	Cheshire Ground Water Contamin	Cheshire.
663	02 NY	Suffern Village Well Field	Village of Suffern.
664	02 NY	Endicott Village Well Field	Village of Endicott.
665	03 DE	Dover Gas Light Co	Dover.
666	03 PA	Aladdin Plating	Scott Township.
667	03 PA	North Penn—Area 1	Souderton.
668	03 PA	North Penn—Area 7	North Wales.
669	03 PA	North Penn—Area 6	Lansdale.
670	03 PA	North Penn—Area 2	Hatfield.
671	03 PA	North Penn—Area 5	Montgomery Township.
672	04 FL	Harris Corp. (Palm Bay Plant)	Palm Bay.
673	05 IL	DuPage City Ldf/Blackwell Forest	Warrenville.
674	05 MN	Kummer Sanitary Landfill	Bemidji.
675	05 OH	Sanitary Landfill Co. (IWD)	Dayton.
676	05 WI	Eau Claire Municipal Well Field	Eau Claire.
677	06 NM	Pagano Salvage	Los Lunas.
678	07 MO	Valley Park TCE	Valley Park.
679	09 CA	San Fernando Valley (Area 4)	Los Angeles.
680	09 CA	Monolithic Memories	Sunnyvale.
681	09 CA	National Semiconductor Corp.	Santa Clara.
682	09 CA	Fresno Municipal Sanitary Lndfil	Fresno.
683	09 CA	Newmark Ground Water Contamin	San Bernardino.
684	04 GA	Powersville Site	Peach County.
685	05 MI	Grand Traverse Overall Supply Co.	Greilickville.

686	05 MI	Metamora Landfill	Metamora.
687	02 NY	Niagara Mohawk Power (Saratoga Sp)	Saratoga Springs.
688	05 MI	Whitehall Municipal Wells	Whitehall.
689	03 DE	Standard Chlorine of Delaware, Inc	Delaware City.
690	05 MN	South Andover Site	Andover.
691	02 NJ	Diamond Alkali Co.	Newark.
692	05 IN	Carter Lee Lumber Co.	Indianapolis.
693	01 NH	Fletcher's Paint Works & Storage	Milford.
694	03 VA	Avtex Fibers, Inc.	Front Royal.
695	05 MI	Kentwood Landfill	Kentwood.
696	05 MI	Electrovoice	Buchanan.
697	09 CA	Jasco Chemical Corp.	Mountain View.
698	02 NY	Katonah Municipal Well	Town of Bedford.
699	04 FL	B&B Chemical Co., Inc	Hialeah.
700	07 KS	29th & Mead Ground Water Contamin	Wichita.
701	09 CA	Teledyne Semiconductor	Mountain View.
702	02 PR	Fibers Public Supply Wells	Jobos.
703	04 FL	BMI-Textron	Lake Park.
704	03 VA	Dixie Caverns County Landfill	Salem.
705	05 IN	Marion (Bragg) Dump	Marion.
706	05 OH	Pristine, Inc.	Reading.
707	05 WI	Mid-State Disposal, Inc. Landfill	Cleveland Township.
708	04 TN	American Creosote (Jackson Plant)	Jackson.
709	05 IL	Kerr-McGee (Sewage Treat Plant)	West Chicago.
710	08 CO	Broderick Wood Products	Denver.
711	02 NY	C & J Disposal Leasing Co. Dump	Hamilton.
712	05 OH	Buckeye Reclamation	St. Clairsville.
713	02 NY	Preferred Plating Corp	Farmingdale.
714	06 TX	Bio-Ecology Systems, Inc	Grand Prairie.



715	08 UT	Monticello Rad Con- taminated Props	Monticello.
716	02 NJ	Woodland Route 532 Dump	Woodland Township.
717	05 IN	American Chemical Service, Inc	Griffith.
718	01 MA	Salem Acres	Salem.
719	02 NY	Richardson Hill Road Lndfil/Pond	Sidney Center.
720	01 VT	Old Springfield Landfill	Springfield.
721	03 PA	Bell Landfill	Terry Township.
722	02 NY	Solvent Savers	Lincklaen.
723	03 VA	U.S. Titanium	Piney River.
724	05 IL	Galesburg/Koppers Co	Galesburg.
725	09 CA	J.H. Baxter & Co	Weed.
726	02 NY	Hooker (Hyde Park)	Niagara Falls.
727	05 MI	SCA Independent Landfill	Muskegon Heights.
728	02 NY	Action Anodizing, Plating Polish	Coplaque.
729	09 CA	MGM Brakes	Cloverdale.
730	06 LA	Bayou Sorrel Site	Bayou Sorrel.
731	05 IL	H.O.D. Landfill	Antioch.
732	05 MI	Duell & Gardner Land- fill	Dalton Township.
733	10 WA	Mica Landfill	Mica.
734	02 NJ	Ellis Property	Evesham Township.
735	04 KY	Distler Farm	Jefferson County.
736	09 CA	Waste Disposal, Inc	Santa Fe Springs.
737	10 WA	Harbor Island (Lead)	Seattle.
738	05 WI	Lemberger Transport & Recycling	Franklin Township.
739	05 OH	E.H. Schilling Landfill	Hamilton Township.
740	05 MI	Cliff/Dow Dump	Marquette.
741	02 NY	Clothier Disposal	Town of Granby.
742	03 PA	Ambler Asbestos Piles	Ambler.
743	10 WA	Queen City Farms	Maple Valley.
744	02 NJ	Curcio Scrap Metal, Inc	Saddle Brook Twp.
745	03 VA	L.A. Clarke & Son	Spotsylvania County.
746	05 WI	Scrap Processing Co., Inc	Medford.
747	03 MD	Southern Maryland Wood Treating	Hollywood.
748	04 KY	Caldwell Lace Leather	Auburn.

		Co., Inc	
749	05 IL	Ilada Energy Co.	East Cape Girardeau.
750	05 IL	Adams County Quincy Landfills 2&3	Quincy.
Group 16 (HRS Scores 34.21-33.73)			
751	05 MI	Kaydon Corp.	Muskegon.
752	05 WI	Sauk County Landfill	Excelsior.
753	06 NM	Homestake Mining Co	Milan.
754	06 TX	Dixie Oil Processors, Inc	Friendswood.
755	09 CA	Beckman Instruments (Porterville)	Porterville.
756	05 MI	Muskegon Chemical Co	Whitehall.
757	04 FL	Dubose Oil Products Co	Cantonment.
758	05 MI	Mason County Landfill	Pere Marquette Twp.
759	05 MI	Cemetery Dump	Rose Center.
760	07 IA	Red Oak City Landfill	Red Oak.
761	05 IN	Lakeland Disposal Service, Inc	Claypool.
762	02 NJ	Hopkins Farm	Plumstead Township.
763	04 NC	Cape Fear Wood Preserving	Fayetteville.
764	01 RI	Stamina Mills, Inc	North Smithfield.
765	05 WI	Lemberger Landfill, Inc	Whitelaw.
766	05 IN	Reilly Tar (Indianapolis Plant)	Indianapolis.
767	01 ME	Pinette's Salvage Yard	Washburn.
768	01 CT	Durham Meadows	Durham.
769	03 DE	Tyler Refrigeration Pit	Smyrna.
770	05 MI	Kysor Industrial Corp	Cadillac.
771	09 CA	Lorentz Barrel & Drug Co	San Jose.
772	02 NJ	Wilson Farm	Plumstead township.
773	02 NY	Conklin Dumps	Conklin.
774	03 PA	Old City of York Landfill	Seven Valleys.
775	03 PA	Modern Sanitation Landfill	Lower Windsor Twp.
776	05 IL	Byron Salvage Yard	Byron.
777	05 MI	North Bronson Industrial Area	Bronson.
778	03 PA	Stanley Kessler	King of Prussia.
779	04 SC	Helena Chemical Co. Landfill	Fairfax.



780	07 MO	Kem-Pest Laboratories	Cape Girardeau.
781	02 NJ	Imperial Oil/Champion Chemicals	Morganville.
782	02 NJ	Cosden Chemical Coatings Corp	Beverly.
783	05 MN	St. Augusta San Lndfil/Engen Dump	St. Augusta Township.
784	02 NJ	Myers Property	Franklin Township.
785	02 NJ	Pepe Field	Boonton.
786	04 KY	Tri-City Disposal Co	Shep <sup>TM</sup> herdsville.
787	10 WA	Northwest Transformer	Everson.
788	02 NY	Genzale Plating Co	Franklin Square.
789	05 MI	Albion-Sheridan Township Landfill	Albion.
790	05 WI	Sheboygan Harbor & River	Sheboygan.
791	06 LA	Combustion, Inc.	Denham Springs.
792	05 MI	Ossineke Ground Water Contamin	Ossineke.
793	03 WV	Follansbee Site	Follansbee.
794	03 PA	Keystone Sanitation Landfill	Union Township.
795	04 NC	Carolina Transformer Co	Fayetteville.
796	02 NY	Carroll & Dubies Sewage Disposal	Port Jervis.
797	02 NY	North Sea Municipal Landfill	North Sea.
798	03 PA	Bendix Flight Systems Division	Bridgewater Township.
799	07 IA	Farmers' Mutual Cooperative	Hospers.
800	09 CA	Koppers Co. Inc. (Oroville Plant)	Oroville.
Group 17 (HRS Scores 33.73-32.87)			
801	09 CA	Louisiana-Pacific Corp	Oroville.
802	01 CT	Linemaster Switch Corp	Woodstock.
803	03 VA	H & H Inc., Burn Pit	Farrington.
804	05 MI	South Macomb Disposal (Lf 9 & 9A)	Macomb Township.
805	05 MI	U.S. Aviex	Howard Township.
806	07 IA	Sheller-Globe Corp. Disposal	Keokuk.
807	03 PA	Walsh Landfill	Honeybrook Township.

808	02 NJ	Landfill & Development Co	Mount Holly
809	02 NJ	Upper Deerfield Township San Lndf	Upper Deerfield Twp.
810	02 NY	Hertel Landfill	Plattekill
811	02 NY	Haviland Complex	Town of Hyde Park
812	02 NY	Malta Rocket Fuel Area	Malta
813	02 NY	Jones Chemicals, Inc	Caledonia
814	03 DE	Kent County Landfill (Houston)	Houston
815	03 PA	Saegertown Industrial Area	Saegertown
816	04 GA	Cedartown Municipal Landfill	Cedartown
817	05 MI	Kent City Mobile Home Park	Kent City
818	05 MN	Adrian Municipal Well Field	Adrian
819	06 NM	AT & SF (Clovis)	Clovis
820	07 KS	Strother Field Industrial Park	Cowley County
821	07 KS	Obee Road	Hutchinson
822	09 CA	CTS Printex, Inc.	Mountain View
823	02 NJ	Fried Industries	East Brunswick Twp.
824	02 NY	American Thermostat Co	South Cairo
825	08 ND	Minot Landfill	Minot
826	03 DE	Koppers Co., Inc. (Newport Plant)	Newport
827	04 TN	Lewisburg Dump	Lewisburg
828	05 MI	McGraw Edison Corp	Albion
829	02 NJ	Lodi Municipal Well	Lodi
830	02 NY	Goldisc Recordings, Inc	Holbrook
831	02 NY	Islip Municipal Sanitary Landfill	Islip
832	09 CA	Sola Optical USA, Inc.	Petaluma
833	04 KY	Airco	Calvert City
834	03 PA	Metal Banks	Philadelphia
835	05 IL	Yeoman Creek Landfill	Waukegan
836	02 NY	Sarney Farm	Amenia
837	05 MI	Folkertsma Refuse	Grand Rapids
838	03 DE	Sealand Limited	Mount Pleasant
839	01 MA	Rose Disposal Pit	Lanesboro
840	05 OH	Van Dale Junkyard	Marietta

841	08 MT	Montana Pole and Treating	Butte.
842	04 NC	Geigy Chemical Corp(Aberdeen Plt)	Aberdeen.
843	04 KY	B.F. Goodrich	Calvert City.
844	04 KY	General Tire/Rubber(Mayfield Lnf)	Mayfield.
845	04 SC	Para-Chem Southern, Inc	Simpsonville.
846	05 MI	Organic Chemicals, Inc	Grandville.
847	02 NY	BioClinical Laboratories, Inc	Bohemia.
848	02 NY	Volney Municipal Landfill	Town of Volney.
849	02 NY	FMC Corp. (Dublin Road Landfill)	Town of Shelby.
850	05 WI	Tomah Fairgrounds	Tomah.
Group 18 (HRS Scores 32.77-31.94)			
851	01 MA	Sullivan's Ledge	New Bedford.
852	04 KY	Smith's Farm	Brooks.
853	05 WI	Madison Metro Sewer District Lag	Blooming Grove.
854	10 WA	North Market Street	Spokane.
855	10 OR	Joseph Forest Products	Joseph.
856	02 PR	Juncos Landfill	Juncos.
857	07 KS	Big River Sand Co	Wichita.
858	05 IN	Bennett Stone Quarry	Bloomington.
859	10 WA	Wyckoff Co./Eagle Harbor	Bainbridge Island.
860	04 SC	Beaunit Corp(Circular Knit & Dye)	Fountain Inn.
861	02 NJ	Industrial Latex Corp	Wallington Borough.
862	04 FL	Munisport Landfill	North Miami.
863	06 LA	D.L. Mud, Inc.	Abbeville.
864	04 AL	Stauffer Chem (Le-Moyne Plant)	Axis.
865	02 NJ	M&T Delisa Landfill	Asbury Park.
866	06 TX	Crystal City Airport	Crystal City.
867	04 SC	Geiger (C & M Oil)	Rantoules.
868	03 PA	Paoli Rail Yard	Paoli.
869	05 WI	Moss-American(Kerr-McGee Oil Co.)	Milwaukee.
870	05 WI	Waste Research &	Eau Claire.

		Reclamation Co	
871	10 OR	Gould, Inc.	Portland.
872	01 ME	Union Chemical Co., Inc	South Hope.
873	02 NY	Cortese Landfill	Vil of Narrowsburg.
874	08 WY	Mystery Bridge Rd/U.S. Highway 20	Evansville.
875	09 CA	Montrose Chemical Corp.	Torrance.
876	05 MN	St. Louis River Site	St. Louis County.
877	05 MI	Auto Ion Chemicals, Inc	Kalamazoo.
878	03 PA	Recticon/Allied Steel Corp	East Coventry Twp
879	05 WI	Hagen Farm	Stoughton.
880	04 SC	Carolawn, Inc.	Fort Lawn.
881	07 IA	Midwest Manufacturing/North Farm	Kellogg.
882	03 PA	Berks Sand Pit	Long <sup>TM</sup> swamp Township.
883	09 CA	Valley Wood Preserving, Inc	Turlock.
884	03 PA	Butz Landfill	Stroudsburg.
885	04 FL	City Industries, Inc	Orlando.
886	05 MI	Sparta Landfill	Sparta Township.
887	05 IL	Acme Solvent (Morristown Plant)	Morristown.
888	01 NH	Holton Circle Ground Water Contam	Londonderry.
889	02 NJ	Pomona Oaks Residential Wells	Galloway Township.
890	02 NY	Rowe Industries Ground Water Cont	Noyack/Sag Harbor.
891	03 PA	Hebelka Auto Salvage Yard	Weisenberg Township.
892	04 FL	Hipps Road Landfill	Duval County.
893	05 MN	Long Prairie Ground Water Contam	Long Prairie.
894	05 MN	Waite Park Wells	Waite Park.
895	07 NE	Nebraska Ordnance Plant (Former)	Mead.
896	09 CA	Applied Materials	Santa Clara.
897	09 CA	Intel Magnetics	Santa Clara.
898	09 CA	Intel Corp. (Santa Clara III)	Santa Clara.

899	09 CA	TRW Microwave, Inc (Building 825	Sunnyvale.
900	09 CA	Synertek, Inc. (Building 1)	Santa Clara.
Group 19 (HRS Scores 31.94-30.93)			
901	09 CA	Advanced Micro De- vices (Bldg. 915)	Sunnyvale.
902	04 FL	Pepper Steel & Alloys, Inc	Medley.
903	02 NY	Mattiace Petrochemical Co., Inc	Glen Cove.
904	01 ME	O'Connor Co.	Augusta.
905	05 WI	Oconomowoc Elec- troplating Co., Inc	Ashippin.
906	05 IN	Continental Steel Corp	Kokomo.
907	05 MI	Rasmussen's Dump	Green Oak Township.
908	02 NY	Kenmark Textile Corp	Farmingdale.
909	04 FL	Wingate Road Munic Incinerat Dump	Fort Lauderdale.
910	03 PA	Westline Site	Westline.
911	04 KY	Maxey Flats Nuclear Disposal	Hillsboro.
912	04 NC	Benfield Industries, Inc	Hazelwood.
913	08 MT	Mouat Industries	Columbus.
914	05 MI	J&L Landfill	Rochester Hills.
915	02 NY	Claremont Polychemi- cal	Old Bethpage.
916	05 OH	Powell Road Landfill	Dayton.
917	03 PA	Croydon TCE	Croydon.
918	04 SC	Medley Farm Drum Dump	Gaffney.
919	04 SC	Elmore Waste Disposal	Greer.
920	07 IA	Vogel Paint & Wax Co	Orange City.
921	05 MN	Kurt Manufacturing Co	Fridley.
922	05 OH	Reilly Tar & Chemical (Dover Plnt)	Dover.
923	05 MI	Parsons Chemical Works, Inc	Grand Ledge.
924	03 PA	Revere Chemical Co	Nockamixon Township.
925	05 MI	Ionia City Landfill	Ionia.
926	06 TX	Koppers Co., Inc. (Texarkana Plant)	Texarkana.
927	08 CO	Lincoln Park	Canon City.
928	08 CO	Smuggler Mountain	Pitkin County.



929	05 IN	Wedzeb Enterprises, Inc	Lebanon.
930	02 PR	GE Wiring Devices	Juana Diaz.
931	07 MO	Missouri Electric Works	Cape Girardeau.
932	05 MI	Avenue "E" Ground Water Contamin	Traverse City.
933	05 OH	New Lyme Landfill	New Lyme.
934	02 NJ	Woodland Route 72 Dump	Woodland Township.
935	02 PR	RCA Del Caribe	Barceloneta.
936	05 MN	Koch Refining Co./N-Ren Corp.	Pine Bend.
937	04 FL	Piper Aircraft/Vero Beach Wtr&Swr	Vero Beach.
938	03 PA	Brodhead Creek	Stroudsburg.
939	05 WI	Fadrowski Drum Disposal	Franklin.
940	10 OR	United Chrome Products, Inc.	Corvallis.
941	04 FL	Anodyne, Inc.	North Miami Beach.
942	04 FL	Anaconda Aluminum/Milgo Electron	Miami.
943	03 PA	Eastern Diversified Metals	Hometown.
944	04 MI	Anderson Development Co	Adrian.
945	05 WI	Hunts Disposal Landfill	Caledonia.
946	05 MI	Shiawassee River	Howell.
947	06 OK	Tenth Street Dump/Junkyard	Oklahoma City.
948	10 AK	Alaska Battery Enterprises	Fairbanks N Star Bor.
949	03 PA	Taylor Borough Dump	Taylor Borough.
950	04 TN	Murray-Ohio Mfg (Horseshoe Bend)	Lawrenceburg.
Group 20 (HRS Scores 30.90-29.88)			
951	03 DE	Halby Chemical Co	New Castle.
952	02 NJ	Higgins Disposal	Kingston.
953	04 AL	Redwing Carriers, Inc. (Saraland)	Saraland.
954	06 OK	Double Eagle Refinery Co	Oklahoma City.
955	04 GA	Mathis Bros Lf (S Marble Top Rd)	Kensington.

956	03 DE	Harvey & Knott Drum, Inc	Kirkwood.
957	04 TN	Galloway Pits	Galloway.
958	05 OH	Big D Campground	Kingsville.
959	06 AR	Midland Products	Ola/Birta.
960	02 NY	Robintech, Inc./National Pipe Co	Town of Vestal.
961	02 NY	BEC Trucking	Town of Vestal.
962	03 PA	Strasburg Landfill	Newlin Township.
963	06 OK	Fourth Street Abandoned Refinery	Oklahoma City.
964	02 NJ	Witco Chemical Corp. (Oakland Plt)	Oakland.
965	05 WI	Tomah Armory	Tomah.
966	03 DE	Wildcat Landfill	Dover.
967	05 MI	Burrows Sanitation	Hartford.
968	03 PA	Blosenski Landfill	West Cain Township.
969	03 VA	Rhinehart Tire Fire Dump	Frederick County.
970	10 WA	Northwest Transformer (S Harkness)	Everson.
971	03 DE	Delaware City PVC Plant	Delaware City.
972	03 MD	Limestone Road	Cumberland.
973	02 NY	Hooker (102nd Street)	Niagara Falls.
974	02 NJ	Higgins Farm	Franklin Township.
975	10 WA	American Crossarm & Conduit Co	Chehalis.
976	06 NM	United Nuclear Corp	Church Rock.
977	03 VA	Rentokil, Inc. (VA Wood Pres Div)	Richmond.
978	06 AR	Industrial Waste Control	Fort Smith.
979	09 CA	Celtor Chemical Works	Hoopa.
980	01 MA	Haverhill Municipal Landfill	Haverhill.
981	04 AL	Perdido Ground Water Contamin	Perdido.
982	02 NY	Marathon Battery Corp	Cold Springs.
983	02 NY	Colesville Municipal Landfill	Town of Colesville.
984	04 FL	Yellow Water Road Dump	Baldwin.
985	04 GA	Marzone Inc./Chevron	Tifton.



		Chemical Co	
986	05 OH	Skinner Landfill	West Chester.
987	03 VA	First Piedmont Quarry (Route 719)	Pittsylvania County.
988	04 NC	Chemtronics, Inc.	Swannanoa.
989	05 IN	MIDCO II	Gary.
990	05 MI	Cannelton Industries, Inc	Sault Sainte Marie.
991	06 TX	Sheridan Disposal Ser- vices	Hempstead.
992	07 KS	Pester Refinery Co	El Dorado.
993	03 MD	Kane & Lombard Street Drums	Baltimore.
994	07 MO	Shenandoah Stables	Moscow Mills.
995	04 GA	Firestone Tire (Albany Plant)	Albany.
996	07 IA	Shaw Avenue Dump	Charles City.
997	03 PA	Berkley Products Co. Dump	Denver.
998	10 WA	Silver Mountain Mine	Loomis.
999	06 TX	Petro-Chemical (Turtle Bayou)	Liberty County.
1000	04 NC	Hevi-Duty Electric Co.	Goldsboro.
	Group 21 (HRS Scores 29.85-28.90)		
1001	05 OH	Republic Steel Corp. Quarry	Elyria.
1002	07 MO	Conservation Chemical Co	Kansas City.
1003	07 MO	Westlake Landfill	Bridgeton.
1004	05 MN	Ritari Post & Pole	Sebek.
1005	06 LA	Bayou Bonfouca	Slidell.
1006	09 CA	Intel Corp. (Mountain View Plant)	Mountain View.
1007	09 CA	Raytheon Corp	Mountain View
1008	09 CA	Hewlett-Packard (620-40 Page Mill)	Palo Alto.
1009	05 MN	Agate Lake Scrapyard	Fairview township.
1010	05 MI	Adam's Plating	Lansing.
1011	06 AR	Jacksonville Municipal Landfill	Jacksonville.
1012	06 AR	Rogers Road Municipal Landfill	Jacksonville.
1013	03 VA	Saltville Waste Dispos- al Ponds	Saltville.

1014	01 ME	Saco Municipal Landfill	Saco.
1015	04 SC	Palmetto Recycling, Inc	Columbia.
1016	01 MA	Shpack Landfill	Norton/Attleboro.
1017	03 PA	Kimberton Site	Kimberton Borough.
1018	04 TN	Mallory Capacitor Co	Waynesboro.
1019	01 MA	Norwood PCBs	Norwood.
1020	02 NY	Warwick Landfill	Warwick.
1021	02 NY	Sidney Landfill	Sidney.
1022	02 NY	Sealand Restoration, Inc	Lisbon.
1023	10 WA	Old Inland Pit	Spokane.
1024	10 WA	Pesticide Lab (Yakima)	Yakima.
1025	05 IN	Lemon Lane Landfill	Bloomington.
1026	05 IN	Tri-State Plating	Columbus.
1027	10 ID	Arrcom (Drexler Enterprises)	Rathdrum.
1028	01 NH	Coakley Landfill	North Hampton.
1029	04 NC	Potter's Septic Tank Service Pits	Maco.
1030	04 KY	Green River Disposal, Inc	Maceo.
1031	04 NC	ABC One Hour Cleaners	Jacksonville.
1032	03 PA	Fischer & Porter Co	Warminster.
1033	03 PA	Elizabethtown Landfill	Elizabethtown.
1034	05 IL	Central Illinois Public Serv Co	Taylorville.
1035	06 AR	Arkwood, Inc	Omaha.
1036	09 CA	Jibboom Junkyard	Sacramento.
1037	02 NJ	A. O. Polymer	Sparta Township.
1038	05 WI	Wausau Ground Water Contamination	Wausau.
1039	02 NJ	Dover Municipal Well 4	Dover Township.
1040	02 NJ	Rockaway Township Wells	Rockaway.
1041	02 NJ	Pohatcong Valley Ground Water Con	Warren County.
1042	02 NJ	Garden State Cleaners Co	Minotola.
1043	03 DE	Sussex County Landfill No. 5	Laurel.
1044	03 PA	North Penn—Area 12	Worcester.
1045	03 PA	Dublin TCE Site	Dublin Borough.

1046	05 WI	Delavan Municipal Well 4	Delavan.
1047	05 WI	Waste Management (Brookfield Lfl)	Brookfield.
1048	07 MO	North-U Drive Well Contamination	Springfield.
1049	07 NE	10th Street Site	Columbus.
1050	09 CA	San Gabriel Valley (Area 3)	Alhambra.
1051	09 CA	San Gabriel Valley (Area 4)	La Puente.
1052	09 CA	Watkins-Johnson Co. (Stewart Div)	Scotts Valley.
1053	09 CA	Intersil Inc./Siemens Components	Cupertino.
1054	09 CA	Modesto Ground Water Contamin	Modesto.
1055	10 WA	American Lake Gardens	Tacoma.
1056	10 WA	Greenacres Landfill	Spokane County.
1057	10 WA	Northside Landfill	Spokane.
1058	06 OK	Sand Springs Petrochemical Cmplx	Sand Springs.
1059	06 TX	Pesses Chemical Co	Fort Worth.
1060	05 MI	Metal Working Shop	Lake Ann.
1061	05 MN	East Bethel Demolition Landfill	East Bethel Township.
1062	06 TX	Triangle Chemical Co	Bridge City.
1063	02 NJ	PJP Landfill	Jersey City.
1064	03 PA	Craig Farm Drum	Parker.
1065	05 IL	Belvidere Municipal Landfill	Belvidere.
1066	07 MO	Bee Cee Manufacturing Co	Malden.
1067	03 PA	CryoChem, Inc	Worman.
1068	02 NJ	Kauffman & Minter, Inc	Jobs™town.
1069	03 PA	Lansdowne Radiation Site	Lansdowne.
1070	02 NY	Forest Glen Mobile Home Subdivis	Niagara Falls.
1071	02 NY	Radium Chemical Co., Inc	New York City.
Number of NPL Sites: 1071			

FN\* State top priority site.

## National Priorities List, Federal Section (by Group)

[August 1990]

NPL Gr [FN1]	St	Site name	City/county
1	WA	Hanford 200-Area (USDOE)	Benton County.
1	WA	Hanford 300-Area (USDOE)	Benton County.
1	CO	Rocky Flats Plants (USDOE)	Golden.
1	CA	Riverbank Army Ammunition Plant	Riverbank.
1	NM	Cal West Metals (USSBA)	Lemitar.
1	MO	Weldon Spring (USDOE/Army)	St. Charles County.
2	CO	Rocky Mountain Arsenal	Adams County.
2	TN	Milan Army Ammunition Plant	Milan.
2	CA	McClelland AFB (Ground Water Cont)	Sacramento.
2	PA	Naval Air Develop Center (8 Areas)	Warminster Township.
2	OH	Wright-Patterson Air Force Base	Dayton.
3	ID	Mountain Home Air Force Base	Mountain Home.
3	OH	Feed Materials Prod Cent (USDOE)	Fernald.
3	WA	Bangor Naval Submarine Base	Silverdale.
3	UT	Tooele Army Depot (North Area)	Tooele.
3	WA	Bonneville Power Adm Ross (USDOE)	Vancouver.
3	MD	Aber Prov Ground-Edgewood Area	Edgewood.
4	ID	Idaho National Engin Lab (USDOE)	Idaho Falls.
4	AL	Anniston Army Depot (SE Ind Area)	Anniston.
4	GA	Robins AFB (Lndfil 4/Sludge Lag)	Houston County.
4	TN	Oak Ridge Reservation (USDOE)	Oak Ridge.

4	NE	Cornhusker Army Ammunition Plant	Hall County.
4	NJ	Naval Air Engineering Center	Lakehurst.
5	UT	Hill Air Force Base	Ogden.
5	CA	Treasure Island Nav Sta-Hun Pt An	San Francisco.
5	AK	Eielson Air Force Base	Fairbanks N Star Bor.
5	SC	Savannah River Site (USDOE)	Aiken.
5	WA	Naval Air Sta, Whid Is (Ault)	Whidbey Island.
6	NJ	W.R. Grace/Wayne Int Stor (USDOE)	Wayne Township.
6	WA	Hanford 100-Area (USDOE)	Benton County.
6	AK	Standard Steel & Met Sal Yd (USDOT)	Anchorage.
6	MA	Otis Air Nat Guard/Camp Edwards	Falmouth.
7	AK	Elmendorf Air Force Base	Greater Anchorage Bor.
7	UT	Ogden Defense Depot	Ogden.
7	GA	Marine Corps Logistics Base	Albany.
7	CA	Sacramento Army Depot	Sacramento.
8	IL	Sangamo/Crab Orchard NWR (USDOJ)	Carterville.
8	ME	Brunswick Naval Air Station	Brunswick.
8	CO	Air Force Plant PJKS	Waterton.
8	NJ	Picatinny Arsenal	Rockway Township.
8	FL	Homestead Air Force Base	Homestead.
8	AK	Fort Wainwright	Fairbanks N Star Bor.
8	FL	Pensacola Naval Air Station	Pensacola.
9	CA	Sharpe Army Depot	Lathrop.
9	MA	Fort Devens	Fort Devens.
9	OK	Tinker AFB (Soldier Cr/Bldg 3001)	Oklahoma City.
9	CA	Lawrence Livermore Lab (USDOE)	Livermore.
9	CA	Fort Ord	Marina.
9	WA	McChord AFB (Wash Rack/Treatment)	Tacoma.
9	IL	Savanna Army Depot Activity	Savanna.
10	NY	Brookhaven National Lab (USDOE)	Upton.
10	TX	Air Force Plant 4 Gener Dynamics	Fort Worth.
11	TX	Longhorn Army Ammunition Plant	Karnack.



11	CA	Norton Air Force Base	San Bernardino.
11	NJ	Federal Aviation Admin Tech Cent	Atlantic County.
11	WA	Naval Air Sta, Whid Is (Seaplane)	Whidbey Island.
11	NH	Pease Air Force Base	Portsmouth/Newington.
11	NM	Lee Acres Landfill (USDOJ)	Farmington.
11	WY	F.E. Warren Air Force Base	Cheyenne.
12	CA	Castle Air Force Base	Merced.
12	AZ	Luke Air Force Base	Glendale.
12	AZ	Williams Air Force Base	Chandler.
12	PA	Tobyhanna Army Depot	Tobyhanna.
12	CA	Barstow Marine Corps Logist Base	Barstow.
13	PA	Letterkenny Army Depot (PDO Area)	Franklin County.
13	CA	El Toro Marine Corps Air Station	El Toro.
13	NJ	Fort Dix (Landfill Site)	Pemberton Township.
13	CA	Tracy Defense Depot	Tracy.
13	AL	Alabama Army Ammunition Plant	Childersburg.
13	CT	New London Submarine Base	New London.
13	WA	Hanford 1100-Area (USDOE)	Benton County.
13	DE	Dover Air Force Base	Dover.
13	UT	Monticello Mill Tailings (USDOE)	Monticello.
14	MA	Fort Devens-Sudbury Training Ann	Middlesex County.
14	NY	Seneca Army Depot	Romulus.
14	WA	Fort Lewis Logistics Center	Tillicum.
15	IL	Joliet Army Ammu Plant (LAP Area)	Joliet.
15	OH	Mound Plant (USDOE)	Miamisburg.
15	RI	Davisville Naval Constr Batt Cent	North Kingstown.
15	ME	Loring Air Force Base	Limestone.
15	PR	Naval Security Group Activity	Sabana Seca.
16	PA	Letterkenny Army Depot (SE Area)	Chambersburg.
16	NY	Griffiss Air Force Base	Rome.
16	VA	Defense General Supply Center	Chesterfield County.
16	KS	Fort Riley	Junction City.

16	WA	Fort Lewis (Landfill No. 5)	Tacoma.
16	CA	Camp Pendleton Marine Corps Base	San Diego County.
17	MO	Lake City Army Plant (NW Lagoon)	Independence.
17	MN	Twin Cities Air Force (SAR Lndfl)	Minneapolis.
17	CA	Edwards Air Force Base	Kern County.
17	SD	Ellsworth Air Force Base	Rapid City.
17	CA	George Air Force Base	Victorville.
17	WA	Naval Undersea Warf Sta (4 Areas)	Keyport.
17	NC	Camp Lejeune Military Reservation	Onslow County.
18	RI	Newport Naval Educat/Training Cen	Newport.
18	AZ	Yuma Marine Corps Air Station	Yuma.
18	FL	Jacksonville Naval Air Station	Jacksonville.
18	IL	Joliet Army Ammu Plant (Mfg Area)	Joliet.
18	FL	Cecil Field Naval Air Station	Jacksonville.
18	WA	Fairchild Air Force Base (4 Areas)	Spokane County.
19	CA	March Air Force Base	Riverside.
19	TX	Lone Star Army Ammunition Plant	Texarkana.
19	CA	Lawrence Livermore Lab-300 (USDOE)	Livermore.
19	OR	Umatilla Army Depot (Lagoons)	Hermiston.
19	MD	Aber Prov Ground-Michaelsville Lf	Aberdeen.
20	MN	Naval Industrial Reserve Ordnance	Fridley.
20	WA	Bangor Ordnance Disposal	Bremerton.
20	NY	Plattsburgh Air Force Base	Plattsburgh.
20	LA	Louisiana Army Ammunition Plant	Doyline.
20	MO	Weldon Spring Form Army Ord Works	St. Charles County.
21	IA	Iowa Army Ammunition Plant	Middletown.
21	NJ	Naval Weapons Stat Earle (Site A)	Colts Neck.
21	CA	Travis Air Force Base	Solano County.



21	CA	Moffett Naval Air Station	Sunnyvale.
22	CA	Mather Air Force Base	Sacramento.
22	HI	Schofield Barracks	Oahu.

Number of NPL Federal Facility Sites: 116

FN\* State top priority site.

FN1 : Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL.

\*35525 [FR Doc. 90-20385 Filed 8-29-90; 8:45 am]

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END OF DOCUMENT