

Federal Register Notice

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ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300
[OSWER-FRL-2690-6]

Amendment to National Oil and Hazardous Substances Contingency Plan: The National Priorities List

AGENCY: Environmental Protection Agency.

ACTION: Proposed rule.

SUMMARY:

The Environmental Protection Agency ("EPA") is proposing the second update to the National Priorities List ("NPL"). The NPL is Appendix B to the National Oil and Hazardous Substances Contingency Plan ("NCP"), which EPA promulgated pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA") and Executive Order 12316. CERCLA requires that the NPL be revised at least annually, and today's notice proposes the second such revision.

DATES:

Comments may be submitted on or before December 14, 1984.

ADDRESSES:

Comments may be mailed to:

Russel H. Wyer
Director, Hazardous Site Control Division (NPL Staff)
Office of Superfund Remediation Technology Innovation (WH-548E)
Environmental Protection Agency
401 M Street, SW.
Washington, D.C. 20460

The public docket for the update to the NPL will contain Hazard Ranking System (HRS) score sheets for all sites on this proposed update, as well as a "Documentation Record" for each site describing the information used to compute the scores. The main public docket is located in Room S-325 of Waterside Mall, 401 M Street, SW., Washington D.C. 20460, and is available for viewing from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding holidays. Requests for copies of documents in the docket should be directed to EPA Headquarters, although the same documents will be available for viewing in the EPA Regional Offices. In addition, the background data relied upon by the Agency in calculating or evaluating HRS scores are retained only in the Regional Offices. Such data in EPA files may be obtained upon request. An informal written request, rather than a formal request under the Freedom of Information Act, should be the ordinary procedure for requesting these data sources. Addresses for the Regional Office dockets are:

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I. Introduction

Pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. 9601-9657 ("CERCLA" or "the Act"), and Executive Order 12316 (46 FR 42237, August 20, 1981), the Environmental Protection Agency ("EPA" or the "Agency") promulgated the revised National Contingency Plan ("NCP"), 40 CFR Part 300, on July 16, 1982 (47 FR 31180). Those amendments to the NCP implement the responsibilities and authorities created by CERCLA to respond to releases and threatened releases of hazardous substances, pollutants, and contaminants.

Section 105(8)(A) of CERCLA 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 emergency conditions or on a short-term or temporary basis (CERCLA Section 101 (23)). Remedial action tends to be long-term in nature and involves response actions which are consistent with a permanent remedy for a release (CERCLA Section 101(24)). Criteria for determining priorities are included in the Hazard Ranking System ("HRS"), which EPA promulgated as Appendix A of the NCP (47 FR 31219, July 16, 1982).

Section 105(8)(B) of CERCLA requires that these criteria be used to prepare a list of national priorities among the known releases or threatened releases throughout the United States, and that to the extent practicable at least 400 sites be designated individually. CERCLA requires that this National Priorities List ("NPL") be included as part of the NCP. Today, the Agency is proposing the addition of 238 sites to the NPL.

EPA is proposing to include on the NPL sites at which there are or have been releases or threatened releases of designated hazardous substances or of any "pollutant or contaminant." The discussion below may refer to "releases or threatened releases" simply as "releases," "facilities," or "sites."

II. Purpose of the NPL

The primary purpose of the NPL is stated in the legislative history of CERCLA (Report of the Committee on Environment and Public Works, Senate Report 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 judgement 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 tool for use by EPA in identifying sites that appear to present a significant risk to public health or the environment. The initial identification of a site on the NPL is intended primarily to guide EPA in determining which sites warrant further investigation designed 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. Inclusion of a site on the NPL does not establish that EPA necessarily will undertake remedial actions. Moreover, listing does not require any action of any private party, nor does it determine the liability of any party for the cost of cleanup at the site. In addition, a site need not be on the NPL to be the subject of CERCLA-financed removal actions or of actions brought pursuant to section 107(a)(4)(B) of CERCLA.

In addition, although the HRS scores used to place sites on the NPL may be helpful to the Agency in determining priorities for cleanup and other response activities among sites on the NPL, EPA does not rely on the scores as the sole means of determining such priorities, as discussed below. Neither can the HRS itself determine the appropriate remedy for a site. The information collected to develop HRS scores to select sites for the NPL is not sufficient in itself to determine the appropriate remedy for a particular site. After a site has been included on the NPL, EPA generally will rely on further, more detailed studies conducted at the site to determine what response, if any, is appropriate. These studies will take into account, among other things, response actions that have been taken by potential responsible parties or others. Decisions on the type and extent of action to be taken at these sites are made in accordance with the criteria contained in Subpart F of the NCP. After conducting these additional studies, EPA may conclude that it is not desirable to conduct response action at some sites on the NPL because of more pressing needs at other sites. Given the limited resources available in the Hazardous Substance Response Trust Fund established under CERCLA, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. Also, it is possible that EPA will conclude after further analysis that no action is needed at a site because the site does not present a significant threat to public health, welfare or the environment.

III. NPL Update Process and Schedule

Pursuant to section 105(8)(B) of CERCLA, 42 U.S.C. 9605(8)(B), EPA is required to establish, as part of the NCP for responding to releases of hazardous substances, a NPL of sites of such releases. The principal purpose of this notice is to propose the addition of 238 new sites to the NPL which have HRS scores of 28.50 or above. In addition, the final NPL (49 FR 37070, September 21, 1984) is included to indicate the appropriate status codes for response and cleanup activities at these sites. These codes are explained in greater detail in section IV of this notice.

CERCLA requires that the NPL be revised at least once per year. Accordingly, EPA added 128 sites to the final NPL on September 21, 1984 (49 FR 37070). The majority (123) of those sites were proposed on September 8, 1983 (48 FR 40674) as the first update to the NPL. Today's notice proposes the second such revision, which the Agency expects to promulgate within one year of this announcement. For each NPL revision, EPA informs the States of the closing dates for submission of candidate sites to EPA. In addition to these periodic updates, EPA believes it may be desirable in rare instances, because of urgency and needed corrective action, to propose separately the addition of individual sites on the NPL as it did in the case of the Times Beach, Missouri, (48 FR 9311, March 4, 1983).

As with the establishment of the initial NPL and subsequent revisions to the NPL, States have the primary responsibility for selecting and scoring sites that are candidates for inclusion on the NPL using the HRS (Appendix A to the NCP, 47 FR 31223, July 16, 1982) and submitting the candidate sites to the EPA Regional Offices. The Regional Offices then conduct a quality control review of the States' candidate sites. After conducting this review, the EPA

Regional Offices submit candidate sites to EPA Headquarters. The Regions may include candidate sites in addition to those submitted by States. In reviewing these submissions, EPA Headquarters conducts further quality assurance audits to ensure accuracy and consistency among the various EPA and State offices participating in the scoring.

In today's proposal, the "Proposed Additions" consist of sites not currently on the NPL that the Agency is proposing to add to the NPL. The "Proposed Additions" are contained in the list immediately following this preamble. The additions are presented in two separate lists, non-Federal and Federal facility sites.

Public Comment Period

EPA requests public comment on each of the sites it is proposing to add to the NPL and will accept such comments for 60 days following the date of publication of this notice in the **Federal Register**. HRS scoring sheets and a "Documentation Record" for all sites proposed to be added to the NPL are available for inspection and copying in the NPL docket located in Washington, D.C. The same documents will be available for viewing in the EPA Regional offices for sites located in that particular Region. After considering the relevant comments received during the comment period and determining the final score for each proposed site, the Agency will add to the current NPL all sites that meet EPA's criteria for listing (i.e., sites with HRS scores at or above 28.50 or those designated as a State's top priority site).

IV. Contents of the Proposed Second NPL Update

Each entry on the proposed second NPL update contains the name of the facility, the State and city or county in which it is located, and the corresponding EPA Region. Each site EPA is proposing to add is placed by score in a group corresponding to the groups of 50 sites presented within the final NPL (49 FR 37070 September 21, 1984). Thus, the sites in group 1 of the proposed update have scores that fall within the range of scores covered by the first 50 sites on the final NPL. Each entry on this proposed update and at sites already on the NPL is accompanied by one or more notations referencing the status of response and cleanup activities at the site at the time this list was prepared. This site status and cleanup information are described briefly below.

In the past, EPA categorized the NPL sites based on the type of response at each site (Fund-financed, enforcement and/or voluntary action). This second NPL update will expand the prior categorization system in two ways. First, Federal enforcement actions are separated from State enforcement actions. Second, the status of site cleanup activities is designated by three new cleanup status codes. EPA is including the cleanup status codes to identify sites where significant response activities are underway or completed. The cleanup status codes on this NPL update are included in response to public requests for information regarding actual site cleanup activities.

Response Categories

The following response categories are used to designate the type of response underway. One or more categories may apply to each site.

Voluntary or Negotiated Response (V). Sites are included in this category if private parties have started or completed response actions pursuant to settlement agreements or consent decrees to which EPA or the State is a party. This category includes privately-financed remedial planning, removal actions, initial remedial measures and/or remedial actions.

Federal and/or State Response (R). The Federal and/or State Response category includes sites at which EPA or State agencies have started or completed response actions. These include removal actions, non-enforcement remedial planning, initial remedial measures, and/or remedial actions under CERCLA (NCP, § 300.66(f)-(i) 47 FR 31217, July 16, 1982). For purposes of assigning a category, the response action commences when EPA obligates funds.

Federal Enforcement (F). This category includes sites where the United States has filed a civil complaint (including cost recovery actions) or issued an administrative order. It also includes sites at which a Federal court has mandated some form of response action following a judicial proceeding. All sites at which enforcement-lead remedial investigations and feasibility studies are underway are also included in this category.

A number of sites on the NPL are the subject of investigations or have been referred to the Department of Justice for possible enforcement action. EPA's policy is not to release information concerning a possible enforcement action until a lawsuit has been filed. Accordingly, these sites are not included in this category, but are included under "Category to be Determined."

State Enforcement (S). This category includes sites where a State has filed a civil complaint or issued an administrative order. It also includes sites at which a State court has mandated some form of response action following a judicial proceeding. Sites where State enforcement-lead remedial investigations and feasibility studies are underway are also included in this category.

It is assumed that State policy precludes the release of information concerning possible enforcement actions until such action has been formally taken. Accordingly, sites subject to possible State legal action are not included in this category, but are included under "Category to be Determined."

Category to be Determined (D). This category includes all sites not listed in any other category. A wide range of activities may be in progress at sites in this category. EPA or a State may be evaluating the type of response action to undertake, or an enforcement case may be under consideration. Responsible parties may be undertaking cleanup actions that are not covered by a consent decree or an administrative order.

Cleanup Status Codes

EPA has decided to indicate the status of Fund-financed or private party cleanup activities underway or completed at proposed NPL sites. Fund-financed response activities which are coded include: significant removal actions, initial remedial measures, source control remedial actions, and offsite remedial actions. The status of cleanup activities conducted by responsible parties under a consent decree, court order, or an administrative order also is coded. Remedial planning activities or engineering studies do not receive a cleanup status code.

Many sites listed on the NPL are cleaned up in stages or "operable units." For purposes of cleanup status coding, an operable unit is a discrete action taken as part of the entire site cleanup that significantly decreases or eliminates a release, threat of release, or pathway of exposure. One or more operable units may be necessary to complete the cleanup of a hazardous waste site. Operable units may include removal actions taken to stabilize deteriorating site conditions, initial remedial measures, and remedial actions. A simple removal action (constructing fences, or berms or lowering free-board) that does not eliminate a significant release, threat of release, or pathway of exposure is not considered an operable unit for purposes of cleanup status coding.

The following cleanup status codes (and definitions) are used to designate the status of cleanup activities at proposed sites on the NPL. Only one code is necessary to denote the status of actual cleanup activity at each site since the codes are mutually exclusive.

Implementation Activities Are Underway for One or More Operable Units (I). Field work is in progress at the site for implementation of one or more removal or remedial operable units, but no operable units are completed.

Implementation Activities for One or More (But Not All) Operable Units Are Completed. Implementation Activities May be Underway for Additional Operable Units (O). Field work has been completed for one or more operable units, but additional site cleanup actions are necessary.

Implementation Activities for all Operable Units Are Completed (C). All actions agreed upon for remedial action at the site have been completed and performance monitoring has commenced. The site will be considered for deletion from the NPL subsequent to completion of the performance monitoring and preparation of a deletion recommendation. Further site activities could occur if EPA considers such activities necessary.

V. Deleting Sites From the NPL

There is no specific statutory requirement that the NPL be revised to delete sites. However, EPA has decided to consider deleting sites to provide incentives for cleanup to private parties and public agencies. Furthermore, deleting

sites allows the Agency to give notice that the sites have been cleaned up and gives the public an opportunity to comment on those actions.

EPA will delete a previously promulgated NPL site after EPA has determined that it has satisfied one or more of the following criteria:

1. EPA, in consultation with the State, has determined that responsible parties have completed all appropriate response actions;
2. EPA, in consultation with the State, has determined that all appropriate Fund-financed response actions have been completed and that no further cleanup by responsible parties is appropriate;
3. Based on a remedial investigation, EPA, in consultation with the State, has determined that the facility poses no significant threat to public health, welfare, or the environment and, therefore, construction of remedial measures is not appropriate.

These criteria are the only deletion criteria EPA has developed to date. These criteria constitute guidance, not regulations. They may be revised or supplemented if experience indicates that other factors should be taken into account. At this time, however, it appears that these three criteria are adequate.

The Agency issued a guidance memorandum on March 27, 1984, describing these criteria and interim procedures for deleting sites from the NPL. This document is available in the EPA docket (see Addresses section of this announcement). In deleting sites from the NPL, EPA will use the same **Federal Register** notice and comment procedures that were used for placing sites on the NPL.

The NCP currently restricts expenditures of Trust Fund monies to sites on the NPL. The Agency intends to modify the NCP to allow EPA to return to a site and expend Fund monies as warranted for operation and maintenance costs, continued monitoring, or correction of any failures of the remedy even though the site will have actually been deleted from the NPL. If sites are proposed for deletion before the NCP revisions have been promulgated, the Agency will establish a "deletion category" for the NPL. This category will be explicitly denoted as containing sites at which the Agency has determined that one or more of the deletion criteria described above have been satisfied. However, these sites would not actually be deleted from the NPL. Once the NCP modifications are promulgated, the Agency will be able to delete a site from the NPL and spend additional Fund monies if conditions warrant.

The Agency is interested in the public reaction to these deletion procedures. Specifically, the Agency is interested in:

1. The desirability of maintaining the **Federal Register** notice and comment procedures for deletions that are currently used for placing sites on the NPL; and
2. the desirability of continuing to print, on a separate list, the names of sites deleted from the NPL at the time of each update.

The Agency believes that including the names of deleted sites on the NPL may provide important information to the public on the final disposition of these sites and may result in favorable publicity for parties who have cleaned up sites on the NPL.

VI. Eligibility

CERCLA restricts EPA's authority to respond to certain categories of releases and expressly excludes some substances from the definition of release. In addition, as a matter of policy, EPA may or may not choose to respond to certain types of releases because other Federal agencies have adequate authority to respond. This section discusses the inclusion of such releases on the NPL.

Releases from Federal Facility Sites

CERCLA section 111(e)(3) prohibits use of the Funds for remedial actions at Federally owned facilities. Previously, EPA did not list any sites on the NPL where the release resulted solely from a Federal facility, regardless of whether contamination remained onsite or had migrated offsite. EPA incorporated this position into the NCP (section 300.66(e)(2), 47 FR 31215, July 16, 1982); and also in the promulgation of the first NPL (48 FR 40662, September 8, 1983).

Public comments received from previously proposed NPL announcements suggested including Federal facilities, and the Agency now believes that it is appropriate to include Federal facility sites on the NPL when such facilities meet the criteria for inclusion. Federal facility sites will be listed when the HRS scores are equal to or above 28.50 so as to focus public attention and appropriate resources on the most serious sites, even though they are not eligible for Fund-financed remedial action.

For this update, Federal sites will be presented in a separate NPL section with Federal site displayed in scoring groups equivalent to the groups shown in the non-Federal NPL. As discussed in 48 FR 40662, September 8, 1984, EPA previously has listed sites that formerly were owned by the Federal government, and non-Federally owned sites where the Federal government may have contributed to a release. EPA intends to continue this policy by listing such site on the non-Federal NPL. The Federal facility section of the NPL will only contain sites where the release appears to result solely from a Federal facility, regardless of whether contamination remained on site or has migrated offsite.

Response categories and cleanup status codes also will be assigned for Federal facility sites, and these will be essentially the same categories and codes used for non-Federal sites. A Federal agency response at a Federal facility site will be indicated by the (R) category. When the (R) category does not apply to a Federal facility site, other Federal agency activities at that site, such as evaluating the appropriate response to undertake, will be indicated by the (D) category. Cleanup codes will be assigned to Federal facility sites in the same manner as they are to non-Federal sites.

EPA is preparing a proposed amendment in section 300.66(e)(2) of the NCP to allow the listing of Federal facility sites on the NPL. For this proposal, EPA scored those Federal facilities identified by Federal agencies and the States as NPL candidates where sufficient information existed to apply the HRS. However, EPA does not intend to promulgate any of the sites proposed today until such time as the NCP amendment is final. In the meantime, the Agency is continuing work with Federal agencies to investigate potential problem Federal sites and to implement corrective measures at Federal sites.

Releases of Pesticides Registered Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

This proposal includes six sites in South Central Oahu, Hawaii, where parts of the basal aquifer have been contaminated by pesticides including ethylene dibromide (EDB), dibromochloropropane (DBCP), and trichloropropane (TCP), a likely contaminant of the pesticide D-D (which contains 1,2-dichloropropane, 1,3-dichloropene and related C3 compounds). These pesticides are all soil fumigants that have been used as nematocides in Oahu pineapple fields. All were registered under FIFRA at the time of their use in Oahu. We do not believe these pesticides are being used in Hawaii any longer. EDB's soil fumigation use has been cancelled, and EPA has proposed to cancel the sole remaining use of DBCP (pineapples) in the United States. D-D is no longer being produced, although it is still Federally registered. The most likely source of the contamination by DBCP and TCP was their use as pesticides, although it is less clear that the contamination by EDB resulted solely from its agricultural use! .

These six sites are the first such sites proposed to be added to the NPL on the basis of releases which appear to originate from the application of pesticides. Insecticides and similar products are used extensively throughout the United States. The application of the HRS to public and private ground water systems throughout the country could possibly result in the listing of additional similar sites in a number of other States. At this time, however, the Agency has little data from which to predict the number of similar problems or the degree of risk posed by them, compared with the risks posed by other identified sites.

EPA is concerned that listing these sites may set important precedents with currently unknown implications for the future direction of CERCLA. As CERCLA's scope is broad, EPA wants to insure that its efforts under CERCLA are focused on the most significant risks and on problems that cannot be adequately addressed under EPA's other statutory authorities. Therefore, the Agency is interested in public comment for consideration in evaluating what alternative statutory tools or other approaches are most appropriate for dealing with these problems. Other approaches on which

EPA wants to receive comment are those which would assure that only sites posing significant problems are included on the NPL. EPA plans to consider these issues. If the Agency decides that problems arising from pesticide use are better addressed outside the frame-work of CERCLA, it may decide as a matter of policy not to list the sites on the NPL.

EPA is planning a monitoring survey to evaluate the frequency and severity of contamination of ground water by pesticides. In addition, the Agency has initiated a special data call-in under FIFRA to evaluate the potential for ground water contamination of many pesticides. Pending the results of these information gathering efforts, the extent of this problem is not fully understood.

EPA has the authority to include sites on the NPL where contamination from pesticide application has occurred (or has the potential to occur). The definition of "release" in section 101(22) of CERCLA is very broad; and whereas it excludes the "normal application of a fertilizer," it does not contain a similar exclusion for the application of pesticides. Additional review of CERCLA gives no suggestion that EPA authority to list such pesticide sites on the NPL or to take response action is limited. Section 107(i) limits EPA's ability to recover costs from releases associated with pesticide use, but CERCLA does not contain a similar limitation on EPA's ability to respond. Thus, there is no statutory restriction on the use of money from the CERCLA Trust Fund to clean up sites where public health or the environment has been threatened as a result of the application of pesticides. At the same time the Agency is not obliged to exercise response authority whenever a site is included on the NPL.

There are several legal authorities by which the hazards associated with contamination of ground water by pesticide use can be addressed; CERCLA enforcement actions and some CERCLA response actions, as well as actions under other laws, do not depend on a site's placement on the NPL. For example, FIFRA provides authority to require manufacturers to submit test results with which the Agency can evaluate hazards, including health effects and environmental fate and transport. FIFRA also provides authority to limit or prohibit use of pesticides when the risk associated with use outweigh the benefits of use. Under the Safe Drinking Water Act, EPA can issue health advisories or specify maximum contaminant limits in public water systems.

CERCLA authorizes Fund-financed response actions such as cleaning up aquifers or providing alternate drinking water supplies. Certain response actions taken with CERCLA trust fund money, however, are authorized only where a site has been listed on the NPL. While listing a site on the NPL is necessary to take these actions, it does not require them. After a site has been included on the NPL, EPA generally will rely on further, more detailed studies conducted at the site to determine what response, if any, is appropriate. The authority to compel private responsible parties to abate or clean up releases of pollutants and contaminants provided by CERCLA is not limited to sites listed on the NPL.

Releases From Sites Having Interim Status or Permits Under the Resource Conservation and Recovery Act (RCRA)

As stated in EPA's first NPL final rulemaking (48 FR 40658, September 8, 1983), both CERCLA and the Resource Conservation and Recovery Act (RCRA) contain authorities applicable to hazardous waste facilities. These authorities overlap for certain sites. EPA is adhering to its established policy that, where a site consists only of "regulated units" of a RCRA facility operating pursuant to a permit or interim status, it will not be included on the NPL but, to the extent possible, instead will be addressed under the authorities of RCRA. The RCRA Land Disposal Regulations (40 CFR Parts 122, 260, 264, and 265) give EPA authority to control active sites through a broad program which includes monitoring, compliance inspections, penalties for violations, and requirements for post-closure plans and financial responsibility.

RCRA regulations require a contingency plan for each facility. The regulations also contain groundwater protection standards (40 CFR Part 264, Subpart F) that cover detection monitoring, compliance monitoring (if groundwater impacts are identified) and corrective action for releases within the site boundaries. These monitoring and corrective action standards apply to all "regulated units" of RCRA facilities, i.e., any part of the waste treatment, storage, or disposal operation within the boundaries of the facility that accepted waste after January 26, 1983, the effective date of the Land Disposal Regulations (47 FR 32349, July 26, 1982). Even if the unit ceases operation after this time, EPA has the authority to require it to obtain a permit, and the monitoring and corrective action requirements could therefore be enforced by this mechanism.

Given this authority to ensure cleanup of regulated units of RCRA facilities, such facilities generally are not included on the NPL. If the facility is abandoned or lacks sufficient resources and the RCRA corrective action requirements cannot

be enforced, however, EPA will consider listing the site on the NPL for possible response under CERCLA. This policy is applicable not only to sites subject to EPA-administered hazardous waste programs but also to sites in States that administer programs approved by EPA. Even in the latter instance, close Federal control is ensured by the comprehensiveness of the program elements required of all State programs coupled with EPA's authority to enforce State program requirements directly if the State fails to do so. EPA does, however, consider eligible for listing on the NPL those RCRA facilities at which a significant portion of the release appears to come from "non-regulated units" of the facility, that is, portions of the facility that ceased operation prior to January 26, 1983. However, pending amendments to RCRA would extend RCRA jurisdiction to releases from non-regulated units at regulated facilities. Therefore, if the amendments are enacted, the Agency will consider modifying the existing policy of including such sites on the NPL at that time.

VII. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to listing on the NPL, as explained below and therefore, the Agency has determined that this rulemaking is not a "major" regulation under Executive Order 12291. The EPA has conducted a preliminary analysis of the economic implications of today's proposed amendment to the NCP. The EPA believes that the kind of economic effects associated with this revision are generally 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. The Agency believes the anticipated economic effects related to proposing the addition of 244 sites to the NPL can be characterized in terms of the conclusions of the earlier regulatory impact analysis. At that time, the Agency noted that a more extensive analysis of the economic impacts of the NCP would be prepared in the future and would accompany publication of future major amendments to the NCP. The Agency expects to propose major amendments to the NCP in the future and a more comprehensive economic analysis will be made available for comment at that time.

Costs

The EPA has determined that this proposed 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 will necessarily undertake response 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 response 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 a listing proposed rulemaking. This action was submitted to the Office of Management and Budget (OMB) for review.

The major events that follow the proposed listing of a site on the NPL are a responsible party search and a Remedial Investigation/Feasibility Study (RI/FS) which determines whether response 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.

Costs associated with responsible party searches are initially borne by EPA. Responsible parties may bear some or all the costs of the RI/FS, design and construction, and O&M, or the costs may be shared by EPA and the States on a 90%:10% basis (50%:50% in the case of State-owned sites). Additionally, States assume all costs for O&M activities after the first year at sites involving Fund-financed remedial actions.

Rough estimates of the average per-site and total costs associated with each of the above activities are presented below. At this time EPA is unable to predict what portions of the total costs will be borne by responsible parties, since the distribution of costs depends on the extent of voluntary and negotiated response and the successfulness of cost recovery actions where such actions are brought.

Cost category	Average total cost per site ¹
RI/FS	\$ 800,000
Remedial Design	440,000
Remedial Action	7,200,000
Initial Remedial Measures (IRM) at 10% of sites	80,000
Net Present Value of O&M (over 30 years)	4,100,000

Source: OSRTI budget figures (assumes \$6.5 million Federal share for remedial action). ¹ 1984 U.S. Dollars.

Costs to States associated with today's proposed amendment arise from the statutory State cost-share requirement of:

1. 10 percent of remedial implementation (remedial action and IRM) and O&M costs at privately-owned sites; and
2. 50 percent of the remedial planning (RI/FS and remedial design), remedial implementation and O&M costs at State or locally-owned sites.

Using the assumptions developed in the 1982 RIA, we can assume that 90 percent of the 208 non-Federal sites proposed to be added to the NPL in this amendment will be privately-owned and 10 percent will be State or locally-owned. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial actions at all 208 non-Federal sites would be \$344 million.

The act of listing a hazardous waste site on the final NPL does not necessarily 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 such 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 response costs, but the Agency considers such factors as: the volume and nature of the wastes contributed; the strength of the evidence linking the wastes at the site to the parties; ability to pay; and other factors when deciding whether and how to proceed against potentially responsible parties.

Economy-wide effects of this proposed amendment 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 revision 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 proposed amendment come in the form of increased health and environmental protection as a result of increased public awareness of potential hazards and the additional response actions at hazardous waste sites. In addition to the potential for more Federally-financed remedial actions, this proposed expansion of the NPL could accelerate privately-financed, voluntary cleanup efforts to avoid potential adverse publicity, private lawsuits, and/or Federal or State enforcement actions.

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

Associated with the costs of remedial actions are significant potential benefits and cost offsets. The distributional costs to firms of financing NPL remedies have corresponding "benefits" in that Funds expended for a response generates employment, directly or indirectly (through purchased materials).

VIII. 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 governmental jurisdictions, and non-profit organizations.

While proposed 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 proposed listing 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. A site's proposed inclusion on the NPL could increase the likelihood that adverse impacts to responsible parties (in the form of clean-up costs) will occur, but EPA cannot identify the potentially affected businesses at this time nor estimate a number of businesses affected. In addition, we cannot define what is "small" for the wide variety of potentially affected small entities. Because small entities that could be affected by this rulemaking would come from any industrial sector and could include governmental units, it is not possible to articulate a meaningful definition of small entities.

The Agency does 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 proposed listing of these 238 sites, or the NPL as a whole, to have a significant economic impact on small business as a whole.

In any case, economic impacts would only occur 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 non-profit 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: October 2, 1984.

William D. Ruckelshaus,
Administrator.

PART 300 - [AMENDED]

It is proposed to amend Appendix B of 40 CFR Part 300 by adding the following sites to the National Priorities List:

National Priorities Update List - Group 1

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
08	UT	Sharon Steel (Midvale Smelter)	Midvale	D	
08	UT	Portland Cement (Kiln Dust 2 & 3)	Salt Lake City	D	

National Priorities Update List - Group 2

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
04	FL	Peak Oil Co./Bay Drum Co.	Tampa	S	
05	OH	Industrial Excess Landfill	Uniontown	D	

National Priorities Update List - Group 3

EPA RG	ST	Site name	City/county	Response category#	Cleanup status®
10	WA	Midway Landfill	Kent	D	
06	TX	Bailey Waste Disposal	Bridge City	D	
05	MI	Thermo-Chem, Inc.	Muskegon	D	
09	CA	Van Waters & Rogers, Inc.	San Jose	D	
05	MN	Pine Bend/Crosby American Lf	Dakota County	D	
07	IA	Chemplex Co.	Clinton/Camanche	D	
04	NC	NC State U (Lot 86, Farm Unit #1)	Raleigh	D	

National Priorities Update List - Group 4

EPA RG	ST	Site name	City/county	Response category#	Cleanup status®
05	OH	General Electric (Coshocton Plant)	Coshocton	D	
02	NY	Liberty Industrial Finishing	Farmingdale	D	
06	TX	Brio Refining Co., Inc.	Friendswood	D	
02	NJ	Glen Ridge Radium Site	Glen Ridge	R	O
02	NJ	Montclair/West Orange Radium Site	Montclair/W Orange	R	O
04	NC	Celanese (Shelby Fiber Operations)	Shelby	D	
05	IN	International Minerals (E. Plant)	Terre Haute	D	
05	MI	Motor Wheel, Inc.	Lansing	D	
06	TX	Stewco, Inc.	Waskom	D	
05	OH	AlSCO Anaconda	Gnadenhutten	D	
02	NY	Johnstown City Landfill	Town of Johnstown	D	
03	PA	Hunterstown Road	Straban Township	V, F	O
02	NY	Hooker Chemical/Ruco Polymer Corp	Hicksville	D	
07	NE	Lindsay Manufacturing Co.	Lindsay	V, S	O
09	CA	Operating Industries, Inc. Lf	Monterey Park	S	
04	FL	Pratt & Whitney Air/United Tech.	West Palm Beach	D	
08	CO	Eagle Mine	Minturn/Redcliff	R	

National Priorities Update List - Group 5

EPA RG	ST	Site name	City/county	Response category[#]	Cleanup status[@]
07	MO	Lee Chemical	Liberty	R	I
05	MI	Torch Lake	Houghton County	D	
01	RI	Central Landfill	Johnston	F	
03	PA	Domino Salvage Yard	Valley Township	VRS	O
08	UT	Mayflower Mountain Tailings Ponds	Wasatch County	D	
	WV	Mobay Chemical (New Martinsville)	New Martinsville	D	
	PA	Whitmoyer Laboratories	Jackson Township	D	
03	PA	Shriver's Corner	Straban Township	VF	O
03	VA	Culpeper Wood Preservers, Inc.	Culpeper	FS	
05	MN	U of Minnesota Rosemount Res Cent	Rosemount	D	
04	MS	Newsom Brothers/Old Reichhold	Columbia	R	O
02	NY	Tronic Plating Co., Inc.	Farmingdale	D	
02	NJ	Waldick Aerospace Devices, Inc.	Wall Township	S	
08	CO	Smuggler Mountain	Aspen	D	
09	CA	Alviso Dumping Areas	Alviso	D	
10	OR	Martin-Marietta Aluminum Co.	The Dalles	D	
08	CO	Uravan Uranium (Union Carbide)	Uravan	D	
05	MN	Oak Grove Sanitary Landfill	Oak Grove Township		

National Priorities Update List - Group 6

EPA RG	ST	Site name	City/county	Response category #	Cleanup status[@]
10	WA	Quendall Terminal	Renton	D	
05	IN	Fort Wayne Reduction Dump	Fort Wayne	D	
05	IL	Pagel's Pit	Rockford	D	
03	MD	Mid-Atlantic Wood Preservers, Inc	Harmans	VS	O
07	NE	Hastings Ground Water Contamin	Hastings	D	
05	MN	Kummer Sanitary Landfill	Bemidji	R	
09	HI	Mililani Wells	Oahu	D	
09	CA	Monolithic Memories, Inc.	Sunnyvale	D	

EPA RG	ST	Site name	City/county	Response category #	Cleanup status[@]
06	TX	Odessa Chromium #1	Odessa	D	
06	TX	Odessa Chromium #2 (Andrews Hgwy)	Odessa	D	
09	CA	San Fernando Valley (Area 1)	Los Angeles	D	
09	CA	San Fernando Valley (Area 2)	Los Angeles/Glendale	D	
09	CA	San Fernando Valley (Area 3)	Glendale	D	
09	CA	Teledyne Semiconductor	Mountain View	D	
09	CA	Thompson Hayward Chemical Co.	Fresno	S	
09	HI	Waiawa Shaft	Oahu	D	
04	NC	Jadco-Hughes Facility	Belmont	D	
02	NY	Applied Environmental Services	Glenwood Landing	S	
09	AZ	Motorola, Inc. (52nd Street Plant)	Phoenix	D	

National Priorities Update List - Group 7

EPA RG	ST	Site name	City/county	Response category#	Cleanup status[@]
07	MO	Quality Plating	Sikeston	D	
05	MI	Roto-Finish Co., Inc.	Kalamazoo	D	
10	WA	Toftdahl Drums	Brush Prairie	D	
09	CA	Westinghouse (Sunnyvale Plant)	Sunnyvale	D	
02	NY	Nepera Chemical Co., Inc.	Maybrook	D	
09	CA	FMC Corp. (Fresno Plant)	Fresno	D	
03	VA	IBM Corp. (Manassas Plant Spill)	Manassas	D	
09	HI	Kunia Wells I	Oahu	D	
09	HI	Kunia Wells II	Oahu	D	
02	NY	Pasley Solvents & Chemicals, Inc.	Hempstead	D	
06	TX	Sol Lynn/Industrial Transformers	Houston	D	
09	HI	Waipahu Wells	Oahu	D	
07	KS	National Industrial Environ Serv	Furley	S	
05	IL	Kerr-McGee (Reed-Keppler Park)	West Chicago	D	
05	IL	Kerr-McGee (Kress Creek)	DuPage County	D	
09	CA	Southern Pacific Transportation	Roseville	S	
06	TX	South Cavalcade Street	Houston	D	

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
05	WI	National Presto Industries, Inc.	Eau Claire	D	
05	IL	Petersen Sand & Gravel	Libertyville	R	
08	MT	Idaho Pole Co.	Bozeman	D	
07	MO	Findett Corp.	St. Charles	VF	I
05	MN	Windom Dump	Windom	D	
05	IL	Kerr-McGee (Residential Areas)	West Chicago	D	
05	IL	NL Industries/Taracorp Lead Smelt	Granite City	VFS	
05	MI	E. I. Du Pont (Montague Plant)	Montague	D	

National Priorities Update List - Group 8

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
09	CA	Advanced Micro Devices, Inc.	Sunnyvale	S	
04	NC	Bypass 601 Ground Water Contam.	Concord	D	
02	NJ	Cinnaminson Ground Water Contam	Cinnaminson Township	D	
05	MI	Lenawee Disposal Service, Inc. Lf	Adrian	D	
09	CA	Raytheon Corp.	Mountain View	D	
07	MO	Solid State Circuits, Inc.	Republic	RS	I
07	NE	Waverly Ground Water Contamin	Waverly	D	
05	MI	Michigan Disposal (Cork St Lf)	Kalamazoo	D	
09	CA	Fairchild Camera (S San Jose Pit)	South San Jose	D	
03	PA	Brown's Battery Breaking	Shoemakersville	R	C
02	NY	SMS Instruments, Inc.	Deer Park	D	
02	NY	Byron Barrel & Drum	Byron	R	I
02	NY	Anchor Chemicals	Hicksville	D	
05	MI	Waste Management-Mich (Holland)	Holland	D	
06	TX	North Cavalcade Street	Houston	D	
08	MT	Burlington Northern (Somers Plant)	Somers	D	
05	IN	Neal's Dump (Spencer)	Spencer	FS	

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
03	PA	Westinghouse Elevator Co. Plant	Gettysburg	D	O
03	PA	Middletown Air Field	Middletown	D	I
03	WV	Ordnance Works Disposal Areas	Morgantown	D	O
02	NY	Endicott Village Well Field	Village of Endicott	D	
09	CA	National Semiconductor Corp.	Santa Clara	D	
09	CA	San Fernando Valley (Area 4)	Los Angeles	D	
02	NY	Suffern Village Well Field	Village of Suffern	D	

National Priorities Update List - Group 9

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
03	VA	Avtex Fibers, Inc.	Front Royal	D	
02	NY	Katonah Municipal Well	Town of Bedford	D	
09	HI	Waipio Heights Wells II	Oahu	D	
04	TN	American Creosote Works, Inc.	Jackson	R	O
05	IL	Kerr-McGee (Sewage Treat Plant)	West Chicago	D	
02	NY	Preferred Plating Corp.	Farmingdale	D	
08	UT	Monticello Rad Contaminated Props	Monticello	D	
01	MA	Salem Acres	Salem	D	
04	FL	Davidson Lumber Co.	South Miami	S	O
09	CA	J.H. Baxter Co.	Weed	S	
10	WA	Mica Landfill	Mica	D	
02	NY	Clothier Disposal	Town of Granby	D	
03	PA	Ambler Asbestos Piles	Ambler	VRFS	O
03	VA	L. A. Clarke & Son	Spotsylvania County	S	
05	IL	Sheffield (U.S. Ecology, Inc.)	Sheffield	D	
09	CA	Beckman Instruments (Porterville)	Porterville	D	
05	MI	Lacks Industries, Inc.	Grand Rapids	D	
03	MD	Southern Maryland Wood Treating	Hollywood	D	
04	FL	Dubose Oil Products Co.	Cantonment	S	

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
09	CA	Lorentz Barrel & Drum Co.	San Jose	S	
03	PA	Modern Sanitation Landfill	Lower Windsor Twp	D	
05	MI	North Bronson Industrial Area	Bronson	D	
09	CA	Montrose Chemical Corp.	Torrance	F	
10	WA	Northwest Transformer	Everson	D	
08	UT	Olson/Neihart Reservoir	Wasatch County	D	
02	NY	North Sea Municipal Landfill	North Sea	D	
09	CA	Louisiana-Pacific Corp.	Oroville	D	
05	MI	South Macomb Disposal (Lf 9 & 9A)	Macomb Township	D	

National Priorities Update List - Group 10

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
05	MN	Adrian Municipal Well Field	Adrian	S	
02	NY	Haviland Complex	Town of Hyde Park	D	
02	NY	Hertel Landfill	Plattekill	D	
09	CA	Marley Cooling Tower Co.	Stockton	D	
05	MN	Olmsted County Sanitary Landfill	Oronoco	D	
07	KS	Strother Field Industrial Park	Cowley County	R	I
02	NJ	Fried Industries	East Brunswick Twp	D	
02	NY	Goldisc Recordings, Inc.	Holbrook	D	
02	NJ	Lodi Municipal Well	Lodi	D	
02	NY	Sarney Farm	Amenia	D	
01	MA	Rose Disposal Pit	Lanesboro	FS	
05	OH	Van Dale Junkyard	Marietta	S	
02	NY	FMC Corp. (Dublin Road Landfill)	Town of Shelby	V	
02	NY	Volney Municipal Landfill	Town of Volney	V	
04	KY	Smith's Farm	Brooks	R	O
07	KS	Big River Sand Co.	Wichita	VS	O
05	WI	Stoughton City Landfill	Stoughton	D	
06	TX	Crystal City Airport	Crystal City	D	
02	NY	Cortese Landfill	Vil of Narrowsburg	S	
04	FL	City Industries, Inc.	Orlando	RFS	O

EPA RG	ST	Site name	City/county	Response category#	Cleanup status@
09	CA	Applied Materials	Santa Clara	D	
09	CA	Fairchild Camera (Mountain View)	Mountain View	D	
09	CA	Intel Corp. (Mountain View Plant)	Mountain View	D	
09	CA	Intel Corp. (Santa Clara III)	Santa Clara	D	
09	CA	Intel Magnetics	Santa Clara	D	
05	MN	Long Prairie Ground Water Contam	Long Prairie	D	
02	NJ	Pomona Oaks Residential Wells	Galloway Township	D	
09	CA	Precision Monolithic, Inc.	Santa Clara	D	
05	OH	Sanitary Landfill Co. (IWD)	Dayton	D	
09	CA	Signetics, Inc.	Sunnyvale	S	
02	NY	Kenmark Textile Corp.	Farmingdale	D	
04	KY	Maxey Flats Nuclear Disposal	Hillsboro	R	O
08	MT	Mouat Industries	Columbus	D	
02	NY	Claremont Polychemical	Old Bethpage	V	
07	IA	Vogel Paint & Wax Co.	Orange City	S	I
05	MN	Kurt Manufacturing Co.	Fridley	D	
06	TX	Koppers Co., Inc. (Texarkana Pt)	Texarkana	D	
05	MN	Agate Lake Scrapyard	Fairview Township	D	
05	MI	Avenue "E" Ground Water Contamin	Traverse City	S	I
02	NJ	Jame Fine Chemical	Bound Brook	D	
05	MN	Koch Refining Co./N-Ren Corp.	Pine Bend	D	
07	IA	U. S. Nameplate Co.	Mount Vernon	D	
05	WI	Fadrowski Drum Disposal	Franklin	D	
09	CA	Zoecon Corp/Rhone-Poulenc, Inc.	East Palo Alto	S	
06	AR	Midland Products	Ola/Birta	D	
02	NY	BEC Trucking	Town of Vestal	D	
02	NY	Robintech, Inc./National Pipe Co.	Town of Vestal	D	

National Priorities Update List - Group 11

EPA RG	ST	Site name	City/county	Response category[#]	Cleanup status[@]
03	VA	Rhinehart Tire Fire Dump	Frederick County	VRF	O
01	MA	Haverhill Municipal Landfill	Haverhill	D	
02	NY	Colesville Municipal Landfill	Town of Colesville	D	
09	CA	Firestone Tire (Salinas Plant)	Salinas	D	
05	IN	MIDCO II	Gary	RF	I
03	MD	Kane & Lombard Street Drums	Baltimore	R	O
10	WA	Silver Mountain Mine	Loomis	D	
06	TX	Petro-Chemical (Turtle Bayou)	Liberty County	D	
05	OH	Republic Steel Corp. Quarry	Elyria	D	
09	CA	Hewlett Packard	Palo Alto	D	
01	MA	Shpack Landfill	Norton/Attleboro	D	
04	FL	Montco Research Products, Inc.	Hollister	S	
01	MA	Norwood PCBs	Norwood	R	
01	NH	Coakley Landfill	North Hampton	S	
09	CA	IBM Corp. (San Jose Plant)	San Jose	D	
07	MO	North-U Drive Well Contamination	Springfield	R	I
10	WA	Northside Landfill	Spokane	D	
06	TX	Pesses Chemical Co.	Fort Worth	D	
07	MO	Bee Cee Manufacturing Co.	Malden	D	

Total Sites Listed: 208.

[#]: V=Voluntary or negotiated response; R=Federal and State response; F=Federal enforcement; S=State enforcement; D=Actions to be determined.

[@]: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity completed for all operable units.

National Priorities Update List - Federal Sites - Group 1

EPA RG	ST	Site name	City/county	Response category[#]	Cleanup status[@]
08	CO	Rocky Flats Plant (USDOE)	Golden	R	O
05	IL	Sangamo/Crab Orchard NWR (USDOI)	Carterville	R	

National Priorities Update List - Federal Sites - Group 2

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
04	TN	Milan Army Ammunition Plant	Milan	R	I
08	CO	Rocky Mountain Arsenal	Adams County	R	O
09	CA	McClellan AFB (Ground Water Cont)	Sacramento	R	I

National Priorities Update List - Federal Sites - Group 3

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
07	MO	Weldon Spring Quarry (USDOE/ARMY)	St. Charles County	R	
04	AL	Anniston Army Depot (SE Ind Area)	Anniston	R	O
04	GA	Robins Air Force Base	Houston County	R	

National Priorities Update List - Federal Sites - Group 4

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
07	NE	Cornhusker Army Ammunition Plant	Hall County	R	O
08	UT	Hill Air Force Base	Ogden	R	O

National Priorities Update List - Federal Sites - Group 5

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
08	UT	Ogden Defense Depot	Ogden	R	
09	CA	Sacramento Army Depot	Sacramento	R	
01	ME	Brunswick Naval Air Station	Brunswick	R	
10	WA	McChord AFB (Wash Rack/Treatment)	Tacoma	R	

National Priorities Update List - Federal Sites - Group 6

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
10	WA	Fort Lewis (Landfill No. 5)	Tacoma	D	
09	CA	Lawrence Livermore Lab (USDOE)	Livermore	R	O
09	CA	Sharpe Army Depot	Lathrop	R	
05	IL	Savanna Army Depot Activity	Savanna	R	

National Priorities Update List - Federal Sites - Group 7

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
06	TX	Air Force Plant #4 (Gen Dynamics)	Fort Worth	R	
09	CA	Norton Air Force Base	San Bernardino	R	
08	UT	Tooele Army Depot (North Area)	Tooele	R	

National Priorities Update List - Federal Sites - Group 8

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
09	CA	Castle Air Force Base	Merced	R	I
02	NJ	Fort Dix (Landfill Site)	Trenton	R	
02	NJ	Naval Weapons Stat Earle (Site A)	Colts Neck	R	
04	AL	Alabama Army Ammunition Plant	Childersburg	R	O
03	DE	Dover Air Force Base	Dover	D	

National Priorities Update List - Federal Sites - Group 9

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
03	PA	Letterkenny Army Depot (SE Area)	Chambersburg	R	O
02	NY	Griffiss Air Force Base	Rome	R	
03	VA	Defense General Supply Center	Chesterfield County	R	I

National Priorities Update List - Federal Sites - Group 10

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
07	MO	Lake City Army Plant (NW Lagoon)	Independence	R	I
05	IL	Joliet Army Ammo Plant (Mfg Area)	Joliet	R	O
06	TX	Lone Star Army Ammunition Plant	Texarkana	R	
10	OR	Umatilla Army Depot Lagoons	Hermiston	R	

National Priorities Update List - Federal Sites - Group 11

EPA RG	ST	Site name	City/county	Response category #	Cleanup status @
06	LA	Louisiana Army Ammunition Plant	Doyline	R	
10	WA	Bangor Ordnance Disposal	Bremerton	R	
09	CA	Mather AFB (AC&W Disposal Site)	Sacramento	R	

Total Sites Listed: 36.

#: V=Voluntary or negotiated response; R=Federal and State response; F=Federal enforcement; S=State enforcement; D=Actions to be determined.

@: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity completed for all operable units.

The following list of final NPL (49 FR 37070 September 21, 1984) indicates the appropriate status codes for response and cleanup activities at these sites.

National Priorities List - Final Sites - Group 1

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
1	02	NJ	Lipari Landfill	Pitman	RF	O
2	03	DE	Tybouts Corner Landfill*	New Castle County	VRF	
3	03	PA	Bruin Lagoon	Bruin Borough	R	I
4	02	NJ	Helen Kramer Landfill	Mantua Township	R	
5	01	MA	Industri-Plex	Woburn	VR	I
6	02	NJ	Price Landfill*	Pleasantville	RF	O
7	02	NY	Pollution Abatement Services *	Oswego	RF	O
8	07	IA	LaBounty Site	Charles City	VFS	O
9	03	DE	Army Creek Landfill	New Castle County	VF	
10	02	NJ	CPS/Madison Industries	Old Bridge Township	S	
11	01	MA	Nyanza Chemical Waste Dump	Ashland	R	
12	02	NJ	Gems Landfill	Gloucester Township	R	I
13	05	MI	Berlin & Farro	Swartz Creek	VRFS	O
14	01	MA	Baird & McGuire	Holbrook	RF	O
15	02	NJ	Lone Pine Landfill	Freehold Township	R	
16	01	NH	Somersworth Sanitary Landfill	Somersworth	R	
17	05	MN	FMC Corp. (Fridley Plant)	Fridley	VFS	O
18	06	AR	Vertac, Inc.	Jacksonville	VF	I
19	01	NH	Keefe Environmental Services	Epping	VRS	O
20	08	SD	Whitewood Creek*	Whitewood	V	
21	08	MT	Silver Bow Creek	Sil Bow/Deer Lodge	R	
22	06	TX	French, Ltd.	Crosby	RF	O

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
23	01	NH	Sylvester *	Nashua	RS	O
24	05	MI	Liquid Disposal, Inc.	Utrca	RF	O
25	03	PA	Tyson's Dump	Upper Merion Twp	R	O
26	03	PA	McAdoo Associates *	McAdoo Borough	R	
27	06	TX	Motco Inc. *	La Marque	R	O
28	05	OH	Arcanum Iron & Metal	Darke County	RF	
29	08	MT	East Helena Site	East Helena		
30	06	TX	Sikes Disposal Pits	Crosby	RF	O
31	04	AL	Triana/Tennessee River	Limestone/Morgan	VRF	
32	09	CA	Stringfellow*	Glen Avon Heights RF	RF	O
33	01	ME	McKin Co.	Gray	RS	O
34	06	TX	Crystal Chemical Co.	Houston	RF	O
35	02	NJ	Bridgeport Rental & Oil Services	Bridgeport	R	O
36	08	CO	Sand Creek Industrial	Commerce City		
37	06	TX	Geneva Industries/Fuhrmann Energy	Houston	RF	O
38	01	MA	W. R. Grace & Co. (Acton Plant)	Acton	VF	I
39	05	MN	Reilly Par (St. Louis Park Plant)	St. Louis Park	RFS	I
40	02	NJ	Burnt Fly Bog	Marlboro Township	RS	O
41	02	NJ	Vineland Chemical Co., Inc.	Vineland	D	
42	04	FL	Schuylkill Metals Corp.	Plant City	D	O
43	05	MN	New Brighton /Arden Hills	New Brighton	R	O
44	02	NY	Old Bethpage Landfill	Oyster Bay	VS	
45	02	NJ	Shieldalloy Corp.	Newfield Borough	D	
46	04	FL	Reeves SE Galvanizing Corp.	Tampa	D	O
47	08	MT	Anaconda Co. Smelter	Anaconda	VR	
48	10	WA	Western Processing Co., Inc.	Kent	VRF	O
49	05	WI	Omega Hills North Landfill	Germantown	D	
50	04	FL	American Creosote Works	Pensacola	RF	O

National Priorities List - Final Sites - Group 2

RANK	EPA RG	ST	Site name *	City/county	Response category#	Cleanup status@
51	02	NJ	Caldwell Trucking Co.	Fairfield	RS	
52	02	NY	GE Moreau	South Glen Falls	V	
53	05	IN	Seymour Recycling Corp.*	Seymour	VRF	O
54	05	OH	United Scrap Lead Co., Inc.	Troy	D	
55	06	OK	Tar Creek (Ottawa County)	Ottawa County	R	I
56	07	KS	Cherokee County	Cherokee County	R	
57	02	NJ	Brick Township Landfill	Brick Township	D	
58	05	MI	Northernaire Plating	Cadillac	R	O
59	05	WI	Janesville Old Landfill	Janesville	D	
60	10	WA	Frontier Hard Chrome, Inc.	Vancouver	R	
61	04	SC	Independent Nail Co.	Beaufort	D	
62	04	SC	Kalama Specialty Chemicals	Beaufort	S	
63	05	WI	Janesville Ash Beds	Janesville	D	
64	04	FL	Davie Landfill	Davie	D	
65	05	OH	Miami County Incinerator	Troy	F	
66	04	FL	Gold Coast Oil Corp.	Miami	D	
67	05	WI	Wheeler Pit	La Prairie Township	D	
68	09	AZ	Tucson Intl Airport Area	Tucson	R	
69	02	NY	Wide Beach Development	Brant	R	
70	09	CA	Iron Mountain Mine	Redding	R	
71	02	NJ	Scientific Chemical Processing	Carlstadt	S	
72	08	CO	California Gulch	Leadville		
73	02	NJ	D'Imperio Property	Hamilton Township	R	
74	05	MI	Gratiot County Landfill*	St. Louis	VRFS	
75	01	RI	Picillo Farm*	Coventry	RS	O
76	01	MA	New Bedford Site*	New Bedford	VRFS	I
77	06	LA	Old Inger Oil Refinery*	Darrow	R	O
78	05	OH	Chem-Dyne*	Hamilton	VRFS	O
79	04	SC	SCRDI Bluff Road*	Columbia	VRF	O

RANK	EPA RG	ST	Site name *	City/county	Response category#	Cleanup status@
80	01	CT	Laurel Park, Inc. *	Naugatook Borough	VS	
81	08	CO	Marshall Landfill*	Boulder County		
82	05	IL	Outboard Marine Corp.*	Waukegan	RFS	
83	06	NM	South Valley*	Albuquerque	RF	
84	01	VT	Pine Street Canal*	Burlington	V	I
85	03	WV	West Virginia Ordnance*	Point Pleasant	V	O
86	07	MO	Ellisville Site*	Ellisville	R	O
87	08	ND	Arsenic Trioxide Site*	Southeastern N.D.	R	
88	09	TT	PCB Wastes*	Pacific Trust Terr	R	C
89	03	VA	Matthews Electroplating*	Roanoke County	R	
90	07	IA	Ardex Corp.	Council Bluffs	RF	O
91	09	AZ	Mountain View Mobile Homes*	Globe	RF	I
92	09	AS	Taputimu Farm*	American Samoa	R	C
93	04	TN	North Hollywood Dump*	Memphis	RS	
94	04	KY	A.L. Taylor (Valley of Drums)*	Brooks	RF	O
95	04	NC	PCB Spills*	210 Miles of Roads	RF	C
96	09	CU	Ordot Landfill*	Guam	R	
97	04	MS	Flowood Site*	Flowood	D	
98	08	UT	Rose Park Sludge Pit*	Salt Lake City	V	
99	07	KS	Arkansas City Dump*	Arkansas City	R	
100	09	CM	PCB Warehouse*	Marianas	R	C

National Priorities List - Final Sites - Group 3

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
101	05	MN	Oakdale Dump	Oakdale	F	
102	05	IL	A & F Material Reclaiming, Inc.	Greenup	VRFS	O
103	03	PA	Douglasville Disposal	Douglasville	R	
104	02	NJ	Krysowaty Farm	Hillsborough	R	
105	05	MN	Koppers Coke	St. Paul	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
106	01	MA	Plymouth Harbor/Cannon Engrng	Plymouth	VRS	O
107	10	ID	Bunker Hill Mining & Metallurg	Smeltonville	D	
108	02	NY	Hudson River PCBs	Hudson River	R	
109	02	NJ	Universal Oil Products (Chem Div)	East Rutherford	S	
110	09	CA	Aerojet General Corp.	Rancho Cordova	S	
111	10	WA	Com Bay, South Tacoma Channel	Tacoma	RF	O
112	03	PA	Osborne Landfill	Grove City	VS	
113	01	CT	Old Southington Landfill	Southington	D	
114	02	NY	Syosset Landfill	Oyster Bay	D	
115	09	AZ	Nineteenth Avenue Landfill	Phoenix	S	
116	10	OR	Teledyne Wah Chang	Albany	D	
117	02	NY	Sinclair Refinery	Wellsville	VR	
118	04	AL	Mowbray Engineering Co.	Greenville	R	O
119	05	MI	Spiegelberg Landfill	Green Oak Township	R	
120	04	FL	Miami Drum Services	Miami	R	O
121	02	NJ	Reich Farms	Pleasant Plains	D	
122	10	ID	Union Pacific Railroad Co.	Pocatello	D	
123	02	NJ	South Brunswick Landfill	South Brunswick	V	I
124	04	AL	Ciba-Geigy Corp. (McIntosh Plant)	Mcintosh	D	
125	04	AL	Bassauf-Kimerling Battery	Tampa	RF	
126	05	IL	Wauconda Sand & Gravel	Wauconda	R	
127	01	NH	Ottati & Goss/Kingston Steel Drum	Kingston	VRFS	O
128	05	MI	Ott/Story/Cordova	Dalton Township	R	O
129	02	NJ	NL Industries	Pedricktown	S	O
130	05	MN	St. Regis Paper Co.	Cass Lake	D	
131	02	NJ	Ringwood Mines/Landfill	Ringwood Borough	V	
132	04	FL	Whitehouse Oil Pits	Whitehouse	R	
133	04	GA	Hercules 009 Landfill	Brunswick	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
134	05	MI	Velsicol Chemical (Michigan)	St. Louis	VFS	O
135	05	OH	Summit National	Deerfield Township	R	
136	02	NY	Love Canal	Niagara Falls	RFS	O
137	05	IN	Fisher-Calo	LaPorte	F	
138	04	FL	Pioneer Sand Co.	Warrington	R	S
139	05	MI	Springfield Township Dump	Davisburg	R	
140	03	PA	Hranica Landfill	Buffalo Township	D	
141	04	NC	Martin Marietta, Sodyeco, Inc.	Charlotte	D	
142	04	FL	Zellwood Ground Water Contam	Zellwood	F	
143	05	MI	Packaging Corp. of America	Filer City	F	
144	05	WI	Muskego Sanitary Landfill	Muskego	D	
145	02	NY	Hooker (S Area)	Niagara Falls	FS	
146	03	PA	Lindane Dump	Harrison Township	D	
147	08	CO	Central City-Clear Creek	Idaho Springs	R	
148	02	NJ	Ventron/Velsicol	Wood Ridge Borough	S	
149	04	FL	Taylor Road Landfill	Seffner	VF	O
150	01	RI	Western Sand & Gravel	Burrillville	RS	O

National Priorities List - Final Sites - Group 4

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
151	04	SC	Koppers Co., Inc (Florence Plant)	Florence	S	
152	02	NJ	Maywood Chemical Co.	Maywood/Rochelle Pk	I	
153	02	NJ	Nascolite Corp.	Millville	VR	
154	06	OK	Hardage/Criner	Criner	F	
155	05	MI	Rose Township Dump	Rose Township	R	
156	05	MN	Waste Disposal Engineering	Andover	VRF	
157	02	NJ	Kin-Buc Landfill	Edison Township	VRF	O
158	05	OH	Bowers Landfill	Circleville	V	
159	02	NJ	Ciba-Geigy Corp.	Toms River	R	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
160	05	MI	Butterworth #2 Landfill	Grand Rapids	F	
161	02	NJ	American Cyanamid Co.	Bound Brook	S	
162	03	PA	Heleva Landfill	North Whitehall Twp	R	
163	02	NJ	Ewan Property	Shamong Township	D	
164	02	NY	Batavia Landfill	Batavia	V	
165	05	MN	Boise Cascade/Onan/Medtronics	Fridley	S	I
166	01	RI	L&RR, Inc.	North Smithfield	VS	
167	04	FL	NW 58th Street Landfill	Hialeah	R	
168	02	NJ	Delilah Road	Egg Harbor Township	R	
169	03	PA	Mill Creek Dump	Erie	R	O
170	04	FL	Sixty-Second Street Dump	Tampa	R	
171	05	MI	G&H Landfill	Utica	R	
172	02	NJ	Metaltec/Aerosystems	Franklin Borough	R	
173	05	WI	Schmalz Dump	Harrison	D	
174	02	NJ	Lang Property	Pemberton Township	D	
175	02	NJ	Sharkey Landfill	Parsippany Troy Hls	R	
176	09	CA	Selma Treating Co.	Selma	S	
177	06	LA	Cleve Reber	Sorrento	VR	O
178	05	IL	Velsicol Chemical (Illinois)	Marshall	D	
179	05	MI	Tar Lake	Mancelona Township	D	
180	08	CO	Lowry Landfill	Arapahoe County	VR	
181	05	MN	MacGillis & Gibbs/Bell Lumber	New Brighton	S	
182	02	NJ	Combe Fill North Landfill	Mount Olive Twp	R	
183	01	MA	Re-Solve, Inc.	Dartmouth	RF	I
184	02	NJ	Goose Farm	Plumstead Township	RF	O
185	04	IN	Velsicol Chem (Hardeman County)	Toone	D	
186	02	NY	York Oil Co.	Moira	RF	O
187	04	FL	Sapp Battery Salvage	Cottdondale	R	I
188	04	SC	Wamchem, Inc.	Burton	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
189	02	NJ	Chemical Teaman Tank Lines, Inc.	Bridgeport	D	
190	05	WI	Master Disposal Service Landfill	Brookfield	D	
191	07	KS	Doepke Disposal Site (Holliday)	Johnson County	D	
192	02	NJ	Florence Land Recontouring LF	Florence Township	R	
193	01	RI	Davis Liquid Waste	Smithfield	RS	
194	01	MA	Charles-George Reclamation Lf	Tyngsborough	RF	O
195	02	NJ	King of Prussia	Winslow Township	D	
196	03	VA	Chisman Creek	York County	R	
197	05	OH	Nease Chemical	Salem	D	
198	02	NJ	W. R. Grace & Co. (Wayne Plant)	Wayne Township	R	O
199	02	NJ	Chemical Control	Elizabeth	RS	O
200	04	SC	Leonard Chemical Co., Inc.	Rock Hill	S	O

National Priorities List - Final Sites - Group 5

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
201	05	OH	Allied Chemical & Ironton Coke	Ironton	RF	
202	05	MI	Verona Well Field	Battle Creek	RFS	O
203	01	CT	Beacon Heights Landfill	Beacon Falls	R	
204	04	AL	Stauffer Chem (Cold Creek Plant)	Bucks	D	
205	05	MN	Burlington Northern (Brainerd)	Brainerd/Baxter	FS	
206	03	PA	Malvern TCE	Malvern	D	
207	02	NY	Facet Enterprises, Inc.	Elmira	V	
208	03	DE	Delaware Sand & Gravel Landfill	New Castle County	R	O
209	04	TN	Murray-Ohio Dump	Lawrenceburg	S	
210	05	IN	Envirochem Corp.	Zionsville	VRFS	O
211	05	IN	MIDCO I	Gary	RF	O
212	05	OH	South Point Plant	South Point	D	
213	04	FL	Coleman-Evans Wood Preserving Co.	Whitehouse	S	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
214	03	PA	Dorney Road Landfill	Upper Macungie Twp	R	
215	05	IN	Northside Sanitary Landfill, Inc.	Zionsville	F	
216	04	FL	Florida Steel Corp.	Indiantown	D	
217	09	AZ	Litchfield Airport Area	Goodyear/Avondale	F	
218	02	NJ	Spence Farm	Plumstead Township	R	
219	06	AR	Mid-South Wood Products	Mena	F	
220	09	CA	Atlas Asbestos Mine	Fresno County	D	
221	09	CA	Coalinga Asbestos Mine	Coalinga	D	
222	04	FL	Brown Wood Preserving	Live Oak	F	
223	02	NY	Port Washington Landfill	Port Washington	D	
224	02	NJ	Combe Fill South Landfill	Chester Township	R	
225	02	NJ	JIS Landfill	Jamesburg/S. Brnswck	S	
226	03	PA	Centre County Kepone	State College Boro	S	O
227	05	OH	Fields Brook	Ashtabula	D	
228	01	CT	Solvents Recovery Service	Southington	V	
229	08	CO	Woodbury Chemical Co.	Commerce City	R	
230	01	MA	Hocomonco Pond	Westborough	R	
231	04	KY	Distler Brickyard	West Point	RF	O
232	02	NY	Ramapo Landfill	Ramapo	V	
233	09	CA	Coast Wood Preserving	Ukiah	S	
234	02	NY	Mercury Refining, Inc.	Colonie	D	
235	04	FL	Hollingsworth Solderless Terminal	Fort Lauderdale	D	
236	02	NY	Olean Well Field	Olean	VR	O
237	04	FL	Varsol Spill	Miami	R	
238	05	MN	Joslyn Manufacturing & Supply Co.	Brooklyn Center	FS	
239	08	CO	Denver Radium Site	Denver	R	
240	04	FL	Tower Chemical Co.	Clermont	RF	O
241	07	MO	Syntex Facility	Verona	VF	I
242	08	MT	Milltown Reservoir Sediments	Milltown	R	
243	05	MN	Arrowhead Refinery Co.	Hermantown	R	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
244	02	NJ	Pijak Farm	Plumstead Township	R	
245	02	NJ	Syncon Resins	South Kearny	R	O
246	09	CA	Liquid Cold Oil Corp.	Richmond	S	
247	09	CA	Purity Oil Sales, Inc.	Malaga	R	
248	01	NH	Tinkham Garage	Londonderry	RS	O
249	04	FL	Alpha Chemical Corp.	Galloway	D	
250	02	NJ	Bog Creek Farm	Howell Township	R	

National Priorities Update List - Final Sites - Group 6

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
251	01	ME	Saco Tannery Waste Pits	Saco	R	O
252	04	FL	Pickettville Road Landfill	Jacksonville	D	
253	01	MA	Iron Horse Park	Billerica	R	
254	03	PA	Palmerton Zinc Pile	Palmerton	F	
255	05	IN	Neal's Landfill (Bloomington)	Bloomington	VFS	
256	05	WI	Kohler Co. Landfill	Kohler	D	
257	01	MA	Silresim Chemical Corp.	Lowell	RS	O
258	01	MA	Wells C&H	Woburn	VF	
259	02	NJ	Chemsol, Inc.	Piscataway	S	
260	05	WI	Lauer I Sanitary Landfill	Menomonee Falls	D	
261	05	MI	Petoskey Municipal Well Field	Petoskey	F	
262	05	MN	Union Scrap	Minneapolis	S	
263	02	NJ	Radiation Technology, Inc.	Rockaway Township	V	
264	02	NJ	Fair Lawn Well Field	Fair Lawn	S	I
265	05	IN	Main Street Well Field	Elkhart	D	
266	05	MN	Lehillier/Mankato Site	Lehillier	R	O
267	10	WA	Lakewood Site	Lakewood	RS	I
268	03	PA	Industrial Lane	Williams Township	F	
269	05	WI	Onalaska Municipal Landfill	Onalaska	D	
270	02	NJ	Monroe Township Landfill	Monroe Township	S	O
271	02	NJ	Rockaway Borough Well Field	Rockaway Township	R	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
272	05	IN	Wayne Waste oil	Columbia City	RS	
273	10	ID	Pacific Hide & Fur Recycling Co.	Pocatello	RF	O
274	07	IA	Des Moines TCE	Des Moines	F	
275	02	NJ	Beachwood/Berkley Wells	Berkley Township	R	
276	02	NY	Vestal Water Supply Well 4-2	Vestal	S	
277	02	PR	Vega Alta Public Supply Wells	Vega Alta	R	
278	05	MI	Sturgis Municipal Wells	Sturgis	D	
279	05	MN	Washington County Landfill	Lake Elmo	S	
280	09	AZ	Indian Bend Wash Area	Scottsdale/Tempe	F	
281	09	CA	San Gabriel Valley (Area 1)	El Monte	R	I
282	09	CA	San Gabriel Valley (Area 2)	Baldwin Park Area	R	
283	10	WA	Com Bay, Near Shore/Tide Flats	Pierce County	R	
284	05	IL	LaSalle Electric Utilities	LaSalle	R	
285	05	IL	Cross Brothers Pail (Pembroke)	Pembroke Township	R	
286	02	PR	Upjohn Facility	Barceloneta	D	
287	09	CA	McCull	Fullerton	RF	I
288	03	PA	Hernderson Road	Upper Merion Twp	D	
289	10	WA	Colbert Landfill	Colbert	R	O
290	06	IA	Petro-Processors	Scotlandville	VF	
291	02	PR	Frontera Creek	Rio Abajo	D	
292	02	PR	Barceloneta Landfill	Florida Afuera	D	
293	03	MD	Sand, Gravel & Stone	Elkton	R	I
294	05	MI	Spartan Chemical Co.	Wyoming	D	
295	02	NJ	Roebing Steel Co.	Florence	R	
296	03	PA	East Mount Zion	Springettsbury Twp	R	
297	04	TN	Amnicola Dump	Chattanooga	D	
298	02	NJ	Vineland State School	Vineland	D	
299	03	PA	Enterprise Avenue	Philadelphia	RS	O
300	01	MA	Groveland Wells	Groveland	VRS	

National Priorities List - Final Sites - Group 7

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
301	02	NY	General Motors (Cent Foundry Div)	Massena	F	
302	04	SC	SCRDI Dixiana	Cayce	RFS	O
303	07	MO	Fulbright Landfill	Springfield	D	
304	03	PA	Presque Isle	Erie	D	
305	02	NJ	Williams Property	Swainton	R	
306	02	NJ	Renora, Inc.	Edison Township	D	
307	02	NJ	Denzer & Schafer X-Ray Co.	Bayville	D	
308	02	NJ	Hercules, Inc. (Gibbstown Plant)	Gibbstown	D	
309	05	IN	Ninth Avenue Dump	Gary	V	
310	06	AR	Gurley Pit	Edmondson	VRF	O
311	01	RI	Peterson/Puritan, Inc.	Lincoln/Cumberland	D	
312	07	MO	Times Beach Site	Times Beach	R	O
313	05	MI	Wash King Laundry	Pleasant Plains Twp	S	
314	05	MN	Whittaker Corp.	Minneapolis	S	
315	05	MN	NL Industries/Taracorp/Golden	St. Louis Park	D	
316	01	CT	Kellogg-Deering Well Field	Norwalk	R	
317	01	MA	Cannon Engineering Corp. (CEC)	Bridgewater	RS	
318	02	NY	Niagara County Refuse	Wheatfield	D	
319	04	FL	Sherwood Medical Industries	Deland	D	
320	04	AL	Olin Corp. (McIntosh Plant)	McIntosh	D	
321	05	MI	Southwest Ottawa County Landfill	Park Township	S	
322	02	NY	Kentucky Avenue Well Field	Horseheads	R	
323	02	NJ	Asbestos Dump	Millington	F	
324	04	KY	Lee's Lane Landfill	Louisville	F	
325	06	AR	Frit Industries	Walnut Ridge	VF	I
326	05	OH	Fultz Landfill	Jackson Township	R	
327	04	FL	Tri-City Oil Conservationist, Inc	Tampa	RF	O
328	05	OH	Coshocton Landfill	Franklin Township	F	
329	03	PA	Lord-Shope Landfill	Girard Township	VS	I
330	10	WA	IMC Corp. (Yakima Pit)	Yakima	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
331	05	WI	Northern Engraving Co.	Sparta	D	
332	01	MA	PSC Resources	Palmer	S	I
333	05	MI	Forest Waste Products	Otisville	RF	I
334	03	PA	Drake Chemical	Lock Haven	RF	O
335	01	NH	Kearsarge Metallurgical Corp.	Conway	S	
336	04	SC	Palmetto Wood Preserving	Dixianna	D	
337	05	MI	Clare Water Supply	Clare	D	
338	03	PA	Havertown PCP	Haverford	R	
339	03	DE	New Castle Spill	New Castle County	D	
340	05	MN	Morris Arsenic Dump	Morris	R	
341	05	IN	Lake Sandy Jo (M&M Landfill)	Gary	R	
342	05	IL	Johns-Manville Corp.	Waukegan	VF	
343	05	MI	Chem Central	Wyoming Township	S	
344	05	MI	Novaco Industries	Temperance	F	
345	02	NJ	Jackson Township Landfill	Jackson Township	D	
346	05	MI	K&L Avenue Landfill	Oshtemo Township	D	
347	10	WA	Kaiser Aluminum Mead Works	Mead	V	O
348	05	MN	Perham Arsenic Site	Perham	R	
349	05	MI	Charlevoix Municipal Well	Charlevoix	R	I
350	02	NJ	Montgomery Township Housing Dev	Montgomery Township	R	

National Priorities List - Final Sites - Group 8

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
351	02	NJ	Rocky Hill Municipal Well	Rocky Hill Borough	R	
352	02	NY	Brewster Well Field	Putnam County	R	
353	02	NY	Vestal Water Supply Well 1-1	Vestal	R	
354	05	MN	Nutting Truck & Caster Co.	Faribault	S	
355	02	NJ	U.S. Radium Corp.	Orange	R	
356	06	TX	Highlands Acid Pit	Highlands	R	
357	03	PA	Resin Disposal	Jefferson Borough	D	
358	08	MT	Libby Ground Water Contamination	Libby	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
359	04	KY	Newport Dump	Newport	D	
360	03	PA	Moyers Landfill	Eagleville	RF	
361	04		Parramore Surplus	Mount Pleasant	D	
362	01	NH	Savage Municipal Water Supply	Milford	RS	O
363	05	IN	Poer Farm	Hancock County	R	O
364	05	MI	Medblum Industries	Oscoda	F	
365	06	TX	United Creosoting Co.	Conroe	VR	C
366	08	WY	Baxter/Union Pacific Tie Treating	Laramie	D	
367	02	NJ	Sayreville Landfill	Sayreville	D	
368	01	NH	Dover Municipal Landfill	Dover	R	
369	02	NY	Ludlow Sand & Gravel	Clayville	D	
370	05	WI	City Disposal Corp. Landfill	Dunn	D	
371	02	NJ	Tabernacle Drum Dump	Tabernacle Twp	VF	
372	02	NJ	Cooper Road	Voorhees Township	D	
373	07	MO	Minker/Stout/Romaine Creek	Imperial	R	O
374	01	CT	Yaworski Waste Lagoon	Canterbury	RS	
375	03	WV	Leetown Pesticide	Leetown	R	O
376	04	FL	Cabot/Koppers	Gainesville	RS	
377	02	NJ	Evor Phillips Leasing	Old Bridge Township	D	
378	03	PA	Wade (ABM)	Chester	RFS	O
379	03	PA	Lackawanna Refuse	Old Forge Borough	RF	O
380	06	OK	Compass Industries (Avery Drive)	Tulsa	R	
381	02	NJ	Mannheim Avenue Dump	Galloway Township	D	
382	02	NY	Fulton Terminals	Fulton	D	O
383	01	NH	Auburn Road Landfill	Londonderry	RS	
384	03	WV	Pike Chemical, Inc.	Nitro	VF	I
385	05	MN	Coheral Mills/Henkel Corp.	Minneapolis	S	
386	05	OH	Laskin/Poplar Oil Co.	Jefferson Township	RF	O

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
387	05	OH	Old Mill	Rock Creek	RF	O
388	07	KS	Johns' Sludge Pond	Wichita	VF	I
389	09	CA	Del Norte Pesticide Storage	Crescent City	R	
390	02	NJ	De Rewal Chemical Co.	Kingwood Township	D	
391	02	NJ	Swope Oil & Chemical Co.	Pennsauken	VR	I
392	04	GA	Monsanto Corp. (Augusta Plant)	Augusta	V	
393	01	NH	South Municipal Water Supply Well	Peterborough	S	
394	01	ME	Winthrop Landfill	Winthrop	VF	I
395	06	AR	Cecil Lindsey	Newport	R	
396	05	OH	Zanesville Well Field	Zanesville	V	
397	05	WI	Eau Claire Municipal Well Field	Eau Claire	D	
398	04	CA	Powersville Site	Peach County	D	
399	05	MI	Grand Traverse Overall Supply Co.	Creilickville	D	
400	05	MI	Metamora Landfill	Metamora	D	

National Priorities List - Final Sites - Group 9

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
401	05	MI	Whitehall Municipal Wells	Whitehall	R	
402	05	MN	South Andover Site	Andover	D	
403	02	NJ	Diamond Alkali Co.	Newark	V	I
404	05	MI	Kentwood Landfill	Kentwood	D	
405	05	MI	Electrovoice	Buchanan	D	
406	02	PR	Fibers Public Supply Wells	Jobos	D	
407	05	IN	Marion (Bragg) Dump	Marion	D	
408	05	OH	Pristine, Inc.	Reading	F	I
409	05	WI	Mid-State Disposal, Inc. Landfill	Cleveland Township	R	
410	08	CO	Broderick Wood Products	Denver	R	
411	05	OH	Buckeye Reclamation	St. Clairsville	D	
412	06	TX	Bio-Ecology Systems, Inc.	Grand Prairie	R	O

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status®
413	02	NJ	Woodland Route 532 Dump	Woodland Township	D	
414	05	IN	American Chemical Service, Inc.	Griffith	D	
415	01	VT	Old Springfield Landfill	Springfield	VRF	O
416	02	NY	Solvent Savers	Lincklaen	D	
417	03	VA	U.S. Titanium	Piney River	FS	
418	05	IL	Galesburg/Koppers Co.	Galesburg	D	
419	02	NY	Hooker (Hyde Park)	Niagara Falls	VFS	O
420	05	MI	SCA Independent Landfill	Muskegon Heights	D	
421	09	CA	MGM Brakes	Cloverdale	S	
422	06	LA	Bayou Sorrell	Bayou Sorrell	F	
423	05	MI	Duell & Gardner Landfill	Dalton Township	D	
424	02	NJ	Ellis Property	Evesham Township	R	O
425	04	KY	Distler Farm	Jefferson County	RF	O
426	10	WA	Harbor Island (Lead)	Seattle	D	
427	05	WI	Lemberger Transport & Recycling	Franklin Township	D	
428	05	OH	E.H. Schilling Landfill	Hamilton Township	D	
429	05	MI	Cliff/Dow Dump	Marquette	F	
430	10	WA	Queen City Farms	Maple Valley	F	
431	05	WI	Scrap Processing Co., Inc.	Medford	S	
432	06	NM	Homestake Mining Co.	Milan	VF	I
433	05	MI	Mason County Landfill	Pore Marquette Twp	D	
434	05	MI	Cemetery Dump	Rose Center	R	
435	02	NJ	Hopkins Farm	Plumstead Township	D	
436	01	RI	Stamina Mills, Inc.	North Smithfield	R	
437	05	IN	Reilly Iar (Indianapolis Plant)	Indianapolis	F	
438	01	ME	Pinette's Salvage Yard	Washburn	R	O
439	06	TX	Harris (Barley Street)	Houston	V	
440	02	NJ	Wilson Farm	Plumstead Township	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
441	03	PA	Old City of York Landfill	Seven Valleys	D	
442	05	IL	Byron Salvage Yard	Byron	R	I
443	03	PA	Stanley Kessler	King of Prussia	F	
444	02	NJ	Friedman Property	Upper Freehold Twp	R	
445	02	NJ	Imperial Oil/Champion Chemicals	Morganville	D	
446	02	NJ	Myers Property	Franklin Township	R	I
447	02	NJ	Pepe Field	Boonton	R	
448	05	MI	Ossineke Ground Water Contam	Ossineke	D	
449	03	WV	Follansbee Site	Follansbee	F	
450	09	CA	Koppers Co., Inc. (Oroville Plant)	Oroville	S	

National Priorities List - Final Sites - Group 10

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
451	05	MI	U. S. Aviex	Howard Township	S	
452	03	PA	Walsh Landfill	Honeybrook Township	R	
453	02	NJ	Landfill & Development Co.	Mount Holly	S	I
454	02	NJ	Upper Deerfield Township Slf	Upper Deerfield Twp	D	
455	06	NM	AT & SF (Clovis)	Clovis	VF	
456	02	NY	American Thermostat Co.	South Cairo	V	
457	04	TN	Lewisburg Dump	Lewisburg	D	
458	05	MI	McGraw Edison Corp.	Albion	V	
459	04	KY	Airco	Calvert City	D	
460	03	PA	Metal Banks	Philadelphia	VF	
461	04	KY	B. F. Goodrich	Calvert City	D	
462	05	MI	Organic Chemicals, Inc.	Grandville	D	
463	01	MA	Sullivan's Ledge	New Bedford	R	
464	02	PR	Juncos Landfill	Juncos	VF	O
465	05	IN	Bennett Stone Quarry	Bloomington	S	O
466	04	FL	Munisport Landfill	North Miami	D	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
467	04	AL	Stauffer Chem (Le Moyne Plant)	Axis	D	
468	02	NJ	M&T Delisa Landfill	Asbury Park	VR	
469	04	SC	Geiger (C & M Oil)	Rantowles	D	
470	05	WI	Moss-American (Kerr-McGee Oil Co.)	Milwaukee	D	
471	05	WI	Waste Research & Reclamation Co.	Eau Claire	D	
472	10	OR	Gould, Inc.	Portland	V	I
473	05	MN	St. Louis River Site	St. Louis County	D	
474	05	MI	Auto Ion Chemicals, Inc.	Kalamazoo	V	
475	04	SC	Carolawn, Inc.	Fort Lawn	RF	O
476	03	PA	Berks Sand Pit	Longswamp Township	R	O
477	05	MI	Sparta Landfill	Sparta Township	S	
478	05	IL	ACME Solvent (Morristown Plant)	Morristown	R	
479	04	FL	Hipps Road Landfill	Duval County	D	
480	04	FL	Pepper Steel & Alloys, Inc.	Medley	RF	O
481	01	ME	O'Connor Co.	Augusta	D	
482	05	WI	Oconomowoc Electroplating Co. Inc.	Ashippin	D	
483	05	MI	Rasmussen's Dump	Green Oak Township	R	
484	03	PA	Westline Site	Westline	R	O
485	05	OH	Powell Road Landfill	Dayton	D	
486	05	MI	Ionia City Landfill	Ionia	F	I
487	08	CO	Lincoln Park	Canon City	D	
488	05	IN	Wedzeb Enterprises, Inc.	Lebanon		I
489	02	PR	GE Wiring Devices	Juana Diaz	VF	
490	05	OH	New Lyme Landfill	New Lyme	V	
491	02	NJ	Woodland Route 72 Dump	Woodland Township	D	
492	02	PR	RCA Del Caribe	Barceloneta	D	C
493	03	PA	Brodhead Creek	Stroudsburg	RF	O
494	10	OR	United Chrome Products, Inc.	Corvallis	R	

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
495	05	MI	Anderson Development Co.	Adrian	D	
496	05	MI	Shiawassee River	Howell	D	
497	03	PA	Taylor Borough Dump	Taylor Borough	R	O
498	03	DE	Harvey & Knott Drum, Inc.	Kirkwood	RF	O
499	04	TN	Gallaway Pits	Gallaway	RF	O
500	05	OH	Big D Campground	Kingsville	D	

National Priorities List - Final Sites - Group 11

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status @
501	03	DE	Wildcat Landfill	Dover	D	
502	05	MI	Burrows Sanitation	Hartford	D	
503	03	PA	Blosenski Landfill	West Caln Township	F	
504	03	DE	Delaware City PVC Plant	Delaware City	VF	
505	03	MD	Limestone Road	Cumberland	R	
506	02	NY	Hooker (102nd Street)	Niagara Falls	VFS	
507	03	DE	New Castle Steel	New Castle County	D	
508	06	NM	United Nuclear Corp.	Church Rock	F	
509	06	AR	Industrial Waste Control	Fort Smith	F	
510	09	CA	Celtor Chemical Works	Hoopa	R	O
511	04	AL	Perdido Ground Water Contam	Perdido	D	O
512	02	NY	Marathon Battery Corp.	Cold Springs	R	
513	03	PA	Lehigh Electric & Engineering Co.	Old Forge Borough	RF	O
514	05	OH	Skinner Landfill	West Chester	D	
515	04	NC	Chemtronics, Inc.	Swannanoa	D	
516	07	MO	Shenandoah Stables	Moscow Mills	VF	O
517	06	IA	Bayou Bonfouca	Slidell	R	
518	03	VA	Saltville Waste Disposal Ponds	Saltville	R	
519	03	PA	Kimberton Site	Kimberton Borough	D	
520	03	MD	Middletown Road Dump	Annapolis	R	I
521	10	WA	Pesticide Lab (Yakima)	Yakima	D	
522	05	IN	Lemon Lane Landfill	Bloomington	RS	I

RANK	EPA RG	ST	Site name *	City/county	Response category #	Cleanup status@
523	10	ID	Arrcom (Drexler Enterprises)	Rathdrum	R	O
524	03	PA	Fischer & Porter Co.	Warminster	VF	
525	09	CA	Jibboom Junkyard	Sacramento	R	
526	02	NJ	A. O. Polymer	Sparta Township	D	O
527	02	NJ	Dover Municipal Well 4	Dover Township	D	
528	02	NJ	Rockaway Township Wells	Rockaway	V	I
529	05	WI	Delavan Municipal Well #4	Delavan	D	
530	09	CA	San Gabriel Valley (Area 3)	Alhambra	R	
531	09	CA	San Gabriel Valley (Area 4)	La Puente	R	
532	10	WA	American Lake Gardens	Tacoma	V	O
533	10	WA	Greenacres Landfill	Spokane County	D	
534	06	TX	Triangle Chemical Co.	Bridge City	RF	O
535	02	NJ	PJP Landfill	Jersey City	S	I
536	03	PA	Craig Farm Drum	Parker	D	
537	03	PA	Voortman Farm	Upper Saucon Twp	R	
538	05	IL	Belvidere Municipal Landfill	Belvidere	D	

Total Sites Listed: 538.

* = States' Designated Top Priority Sites.

#: V=Voluntary or negotiated response; R=Federal and State response; F=Federal enforcement; S=State enforcement; D=Actions to be determined.

@: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity completed for all operable units.

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