

(f) A generic SOP may be written when more than one piece of equipment designed to perform the same function is located at the facility. Such a generic SOP must cover all hazardous substances utilized with all the equipment and must delineate any special conditions associated with a specific piece of equipment or hazardous substance.

(g) Modifications to the standard operating procedures shall be incorporated into the standard operating procedures prior to their implementation.

(h) A current index of the standard operating procedures with corresponding latest dates of issue shall be maintained and readily available.

Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

### 7:1E-2.15 Recordkeeping

(a) The owner or operator of a major facility shall maintain records of employee training and drills for discharge prevention, and hazardous substance inventories for a period of three years.

(b) The owner or operator of a major facility shall maintain records of confirmation reports on discharges pursuant to N.J.A.C. 7:1E-5.8b inspection, major maintenance, and major repair of all structures other than aboveground storage tanks, equipment, and detection or monitoring, prevention or safety devices related to discharge prevention and response for 10 years or the lifetime of the structure, equipment or device, whichever is shorter.

(c) For aboveground storage tanks, the owner or operator of a major facility shall maintain records of integrity testing, inspection, major maintenance, and major repair for the lifetime of the tank.

(d) All records shall be available for inspection upon the request of the Department or appropriate local agencies.

(e) Records may be retained on microfilm or microfiche or may be kept in an electronic or computerized form if they are adequately backed up.

Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

## SUBCHAPTER 3. TRANSMISSION PIPELINES

### 7:1E-3.1 Scope

This subchapter prescribes the rules of the Department for information to be submitted concerning transmission pipelines. The following rules shall govern the preparation and submission of registrations.

### 7:1E-3.2 Registration of transmission pipelines

(a) By February 1, 1992, and by each February 1 at five year intervals thereafter, the owner or operator of a transmission pipeline shall submit the following information to the Department, on forms provided by the Department:

1. The business name(s), address and telephone number of the owner or operator of the facility;
2. The name and business address of the owner or operator's registered agent;
3. The storage capacity of any facility;
4. A description of the hazardous substances which are stored, held, handled, transferred or transported by the facility;
5. The transfer capacity and the average daily throughput, on an annual basis, of the transmission pipeline for each hazardous substance;
6. An accurate map or maps, showing the location of each of the owner or operator's pipeline facilities, storage areas, transfer areas, or other structures in or on which hazardous substances are stored or handled, the geographical features of the surrounding area, and the location at which the pipeline facility enters or leaves the State. Those maps which are currently maintained pursuant to regulations of the U.S. Department of Transportation are sufficiently accurate;
7. An inventory of all types of pipe used for the transmission of hazardous substances, including a history of major repairs, major maintenance and major leaks from all pipes; and
8. Any certifications required pursuant to N.J.A.C. 7:1E-4.11(b).

(b) Any change in the information supplied pursuant to (a) above or N.J.A.C. 7:1E-3.4(a) shall be reported to the Department within 60 days.

(c) The information required by (a) or (b) above shall be sent to:

Bureau of Discharge Prevention  
New Jersey Department of Environmental Protection  
CN 424  
Trenton, New Jersey 08625-0424  
Attention: Pipeline Registration

Amended by R.1996 d.252, effective June 3, 1996.  
See: 27 N.J.R. 2337(a), 27 N.J.R. 2882(a), 28 N.J.R. 2858(a).  
Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

**7:1E-3.3 Standards**

All transmission pipelines shall conform to 49 CFR 195, "Transportation of Liquids by Pipeline", and any future supplements and amendments thereto.

**7:1E-3.4 Discharge cleanup information**

(a) By February 1, 1992, and by each February 1 at five year intervals thereafter, the owner or operator of a transmission pipeline shall submit the following information to the Department at the address specified in N.J.A.C. 7:1E-3.2(c):

1. A summary of the action plan used in responding to, and minimizing health and environmental dangers from, fires, explosions or discharges, including the deployment of personnel and equipment, the chain of command for an emergency response action, and notification procedures pursuant to N.J.A.C. 7:1E-5;

2. A list of containment and removal equipment and materials to which the transmission pipeline has access through ownership, contract or other means, including, but not limited to, vehicles, vessels, pumps, skimmers, booms, chemicals, and communications devices;

3. A list of the trained personnel who are available to operate such equipment and a brief description of their qualifications. In lieu of supplying a list of names, the owner or operator may supply a list of job titles of employees who will be assigned to operate containment and removal equipment, and a statement of the minimum qualifications that will be required of each employee so assigned;

4. The name, title and 24-hour business telephone number of facility's response coordinator or other person authorized to hire contractors and release funds for discharge response, containment, cleanup and removal. A response coordinator or alternate shall be available at all times; and

5. Procedures for determining the recycling or disposal options for hazardous substances or contaminated soil, debris, and so forth gathered during cleanup and removal operations.

Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

**SUBCHAPTER 4. PLANS****Cross References**

Designation of environmentally sensitive areas, see N.J.A.C. 7:1E-1.8.

**7:1E-4.1 Scope**

This subchapter prescribes the rules of the Department for information to be submitted concerning major facilities. The following rules shall govern the preparation and submission of discharge prevention, containment and countermeasure plans, and discharge cleanup and removal plans.

Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

**Case Notes**

Regulatory requirement for submission of discharge cleanup and recovery plan is at odds with Spill Compensation and Control Act where overlapping federal statutes or regulations also require submission of such a plan. *GATX Terminals Corp. v. Dept. of Environmental Protection*, 173 N.J.Super. 531, 414 A.2d 980 (App.Div.1980), reversed 86 N.J. 46, 429 A.2d 355 (1981).

Discharge cleanup and removal (DCR) plan pertains to procedures to be followed in the event of a discharge, as well as equipment available to contain and remove discharged hazardous substances. *GATX Terminals Corp. v. Dept. of Environmental Protection*, 173 N.J.Super. 531, 414 A.2d 980 (App.Div.1980), reversed 86 N.J. 46, 429 A.2d 355 (1981).

**7:1E-4.2 Discharge prevention, containment and countermeasure plans**

(a) The owner or operator of a major facility shall prepare a DPCC plan demonstrating compliance with the standards in N.J.A.C. 7:1E-2, and shall appoint a response coordinator for each site who shall be responsible for insuring compliance with the DPCC plan, the Act, and this chapter. The response coordinator shall be responsible for submission of all reports required by this chapter to the Department.

(b) The DPCC plan shall contain the following general information:

1. The name, telephone number and location of the facility including street and mailing address, county, municipality, tax lot and block number, and the coordinate centroid in New Jersey State Plane;

2. The name(s), telephone number(s) and business address(es) of the owner or operator of the facility;

3. The name and business address of the owner's or operator's registered agent, if applicable;

4. A general site plan, which accurately reflects the current facility, showing the location of storage tanks, drum storage areas, process buildings, loading or unloading areas, marine transfer areas, and any other structures in or on which hazardous substances are stored or handled, or which are used for the prevention of discharges, and all facility fencing and gates. It shall be drawn to a scale in the range of one inch equals 30 feet to one inch equals 200 feet, such that it is sufficient to delineate all items to be mapped and is appropriate to the size of the facility, shall meet the standards contained in N.J.A.C. 7:1, Appendix A, and shall be certified by a licensed land surveyor;

5. A drainage and land use map, in the format prescribed in N.J.A.C. 7:1E-4.10, which accurately reflects the current facility and the surrounding area, including the direction of surface water runoff from the site, location of all major sewers, storm sewers and all water-courses into which the surface water runoff from the facility drains and the location of supply or monitoring wells;

6. Topographical maps, in the format prescribed in N.J.A.C. 7:1E-4.10, covering all surrounding area which could be affected by a discharge from the facility, including environmentally sensitive areas; and

7. The anticipated date on which the facility will become operational, if the facility is a new one.

(c) If the facility has experienced two or more discharge events within the previous 12 months, the DPCC plan shall include a description of each such event, corrective action taken, and plans for preventing recurrences.

(d) The DPCC plan shall include, at a minimum, the following technical information, keyed to the following paragraphs, in sequential order:

1. A description of all storage areas, addressing all standards under N.J.A.C. 7:1E-2.2, including, but not limited to, overfill protection measures, the schedule for integrity testing and the schedule or criteria for scheduling maintenance or reconstruction. This description must also include the size and contents of storage tanks, drum storage areas, and all other storage areas;

2. A description of any tank car or tank truck loading/unloading area, addressing all standards under N.J.A.C. 7:1E-2.3, and including the size of the largest compartment in any tank car or tank truck utilizing the area and the hazardous substances loaded or unloaded;

3. A description of the marking of in-facility pipes and procedures for minimizing the chance of a vehicular collision with overhead pipes, pursuant to N.J.A.C. 7:1E-2.4;

4. A description of all secondary containment or diversion systems, including their capacity and materials of construction and including those utilized for process areas, pursuant to N.J.A.C. 7:1E-2.6. This description can be included with the information required pursuant to (d)1 and 2 above, as appropriate;

5. A description of marine transfer areas, including materials transferred, booming operations pursuant to N.J.A.C. 7:1E-2.7, and the fixed and portable lighting in use in marine transfer areas pursuant to N.J.A.C. 7:1E-2.8;

6. A description of any flood hazard areas within the facility's boundaries, and any measures implemented to

protect hazardous substances from flood waters, pursuant to N.J.A.C. 7:1E-2.9;

7. A description of all leak detection or monitoring procedures, pursuant to N.J.A.C. 7:1E-2.10;

8. An outline of the housekeeping and maintenance program, pursuant to N.J.A.C. 7:1E-2.11;

9. An outline of the personnel training program and procedures for instructing contractors, pursuant to N.J.A.C. 7:1E-2.12;

10. A description of the physical security measures at the facility, pursuant to N.J.A.C. 7:1E-2.13;

11. A catalog list of all standard operating procedures that have been written pursuant to N.J.A.C. 7:1E-2.14; and

12. A description of the recordkeeping system employed by the facility, pursuant to N.J.A.C. 7:1E-2.15.

(e) The DPCC plan shall include a schedule, to be approved by the Department, for upgrading equipment or portions of the facility to meet the requirements of N.J.A.C. 7:1E-2, excluding N.J.A.C. 7:1E-2.2(a)4 and 2.2(a)5.

(f) The owner or operator shall maintain and make available for Department review, at either the facility or the Department's offices at the discretion of the Department, the following updated documentation including a catalog list of all such documents showing title, identification number and date of issue:

1. Facility inventory of hazardous substances;
2. Updated process flow and piping and instrumentation diagrams;
3. Standard operating procedures;
4. Facility emergency response plan;
5. Job classifications and job descriptions; and
6. Housekeeping and maintenance program procedures and records.

Amended by R.1996 d.252, effective June 3, 1996.

See: 27 N.J.R. 2337(a), 27 N.J.R. 2882(a), 28 N.J.R. 2858(a).

Recodified from 7:1E-4.3 and amended by R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former section, "Registration of discharge cleanup organizations", repealed.

#### 7:1E-4.3 Discharge cleanup and removal plan

(a) The owner or operator of a major facility shall prepare and implement a DCR plan containing, at a minimum, the following information:

1. The name, title and 24-hour business telephone number of the facility's response coordinator or other person authorized to hire contractors and release funds for discharge response, containment, cleanup and removal. A response coordinator or alternate shall be available at all times;

2. The chain of command for an emergency response action;

3. Notification procedures, pursuant to N.J.A.C. 7:1E-5;

4. Provisions for annual emergency response drills to determine the currency and adequacy of, and personnel familiarity with, the emergency response action plan. This drill shall be critiqued in writing and that critique retained pursuant to the recordkeeping requirements at N.J.A.C. 7:1E-2.15. The drill shall be based on different scenarios from year to year in order to address all anticipated emergency response scenarios at the facility. When possible, this annual drill can be combined with other required emergency response drills;

5. A list of types and quantities of containment and removal equipment and materials to which the facility has access through ownership, contract or other means, including, but not limited to, vehicles, vessels, pumps, skimmers, booms, chemicals, and communications devices, and indicating if access is through ownership, contract or other means. A copy of all current contracts or agreements between the owner or operator and a discharge cleanup organization for emergency response service shall be maintained at the facility or with the facility's registered agent, as appropriate, and shall be available to the Department for review upon request;

6. A list of the trained personnel who are available to operate such equipment and a brief description of their qualifications, and whether personnel are employed at the facility or by a discharge cleanup organization. In lieu of supplying a list of names, the owner or operator may supply a list of job titles of employees who will be assigned to operate containment and removal equipment, and a statement of the minimum qualifications that will be required of each employee so assigned;

7. A deployment plan for personnel and equipment that includes:

i. On-site response measures;

ii. Identification of and protection and mitigation measures for off-site residential, environmentally sensitive, or other areas, prioritized based on use, seasonal sensitivity, or other relevant factors. The mapping required by N.J.A.C. 7:1E-4.2(b)5 and 6 may serve as the identification;

iii. Provisions for an environmental assessment of the impact of any discharge; and

iv. A certification, pursuant to N.J.A.C. 7:1E-4.11, by a marine biologist or aquatic biologist or ecologist or freshwater equivalent and ornithologist acceptable to the Department;

8. Procedures for determining the recycling or disposal options for hazardous substances or contaminated soil, debris, and so forth, gathered during cleanup and removal operations;

9. A copy of an agreement with the local emergency planning committee or committees that coordinates the emergency responses of the parties to the agreement; and

10. A copy of all financial responsibility documents required pursuant to N.J.A.C. 7:1E-4.4 in accordance with N.J.A.C. 7:1E-4.4(e) or Appendix B.

(b) Each major facility shall have available to it, by ownership or by arrangement with a discharge cleanup organization, adequate equipment and personnel to clean up any discharge that occurs at the facility.

Recodified from 7:1E-4.4 and amended by R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former N.J.A.C. 7:1E-4.3, "Discharge prevention, containment and countermeasure plans", recodified to 7:1E-4.2.

#### Case Notes

Regulation provides for preconstruction review of major facilities. *GATX Terminals Corp. v. Dept. of Environmental Protection*, 173 N.J.Super. 531, 414 A.2d 980 (App.Div.1980), reversed 86 N.J. 46, 429 A.2d 355 (1981).

#### 7:1E-4.4 Financial responsibility

(a) The owner or operator of a major facility shall demonstrate financial responsibility for cleanup and removal activities, and for the removal of any abandoned structure owned or operated, as the case may be, by the owner or operator.

(b) The owner or operator of a major facility shall demonstrate financial responsibility in the minimum amount of \$1 million per occurrence and \$2 million annual aggregate; provided, however, that if the owner or operator establishes to the satisfaction of the Department that a lesser amount will be sufficient to protect the environment and public health, safety and welfare, the Department may accept evidence of financial responsibility in such lesser amount. In determining the sufficiency of the amount of financial responsibility, the Department may consider factors including, without limitation, the nature and quantity of the hazardous substances which may be present at the facility, and the proximity and nature of environmentally sensitive areas located near the facility.

## Case Notes

While new major facilities must meet the standards of the discharge prevention regulations, existing facilities have a reasonable time to meet the standards. *GATX Terminals Corp. v. Dept. of Environmental Protection*, 86 N.J. 46, 429 A.2d 355 (1981).

**7:1E-4.6 Approval and conditional approval of plans**

(a) The Department shall act to approve or deny approval of a complete submission of a DPCC or DCR plan, pursuant to N.J.A.C. 7:1E-4.5, within 180 days of receipt, or no later than the date on which the new major facility is issued treatment works approvals pursuant to N.J.A.C. 7:14A-22 which are required as conditions precedent to lawful operation of the facility, whichever is longer.

(b) If the Department finds a plan to be incomplete, the owner or operator shall have 30 days within which to submit information to make the plan complete, unless the Department extends the time for good cause shown.

(c) The Department may conditionally approve a plan if the maps required pursuant to N.J.A.C. 7:1E-4.2(b)5 and 6 are incomplete or are not in the format prescribed by N.J.A.C. 7:1E-4.10. The Department shall grant such conditional approval if the Department determines that:

1. The plan otherwise satisfies all of the requirements of this subchapter; and
2. The owner or operator is making a good faith effort to provide complete, acceptable maps.

(d) The conditional approval under (c) above shall set forth a date on which the conditional approval will expire unless the owner or operator has provided maps which satisfy the requirements of N.J.A.C. 7:1E-4.10.

(e) The owner or operator shall demonstrate financial responsibility pursuant to N.J.A.C. 7:1E-4.4 by the time the Department acts to deny or approve a DPCC or DCR plan pursuant to (a) above. If the owner or operator demonstrates to the satisfaction of the Department that none of the methods of financial responsibility set forth in N.J.A.C. 7:1E-4.4 is practicable to him or her, and that a good faith effort has been made to secure financial responsibility in the full aggregate amount, the Department shall:

1. Conditionally approve the plan; or
2. Establish an alternate minimum amount of financial responsibility pursuant to N.J.A.C. 7:1E-4.4(b).

(f) A conditional approval under (e) above shall set forth a date on which the conditional approval will expire unless the owner or operator has demonstrated financial responsibility in compliance with the requirements of N.J.A.C. 7:1E-4.4.

(g) Implementation of the DPCC and DCR plans shall begin immediately upon receipt of the Department's approval.

(h) The Department may inspect major facilities prior to approving DPCC or DCR plans and at reasonable intervals thereafter in order to ascertain compliance with the plans.

(i) The major facility shall keep a copy of the approved or conditionally approved plan onsite at all times.

Amended by R.1996 d.252, effective June 3, 1996.

See: 27 N.J.R. 2337(a), 27 N.J.R. 2882(a), 28 N.J.R. 2858(a).

Recodified from 7:1E-4.7 and amended by R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former N.J.A.C. 7:1E-4.6, "Preparation and submission of plans", recodified to 7:1E-4.5.

## Case Notes

Comparison of regulation to similar federal regulations as basis for guidance in determining authority of Department of Environmental Protection. *GATX Terminals Corp. v. Dept. of Environmental Protection*, 86 N.J. 46, 429 A.2d 355 (1981).

**7:1E-4.7 Denial or revocation of approval of DPCC or DCR plans or amendments**

(a) The Department shall state in writing its reasons for denying or revoking approval of any DPCC or DCR plans or amendments thereto.

(b) The Department may revoke its approval of a DPCC or DCR plan if the owner or operator fails to comply with an approved schedule for bringing the facility's plan into compliance with the requirements of these rules, or submits to the Department false or willfully misleading information.

(c) If the Department denies or revokes approval of a plan, the owner or operator shall have 30 days within which to submit an acceptable plan.

(d) The owner or operator of a major facility who is aggrieved by any decision of the Department to deny or revoke approval of a DPCC or DCR plan or amendment thereto has the right to a hearing before the Department, pursuant to the procedure outlined in N.J.A.C. 7:1E-6.

Recodified from 7:1E-4.8 and amended by R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former N.J.A.C. 7:1E-4.7, "Approval and conditional approval of plans", recodified to 7:1E-4.6.

**7:1E-4.8 Amendment of plans by owners or operators**

(a) Written notice of proposed new construction or installation, substantial modification or replacement of any aboveground storage tank, other aboveground enclosed storage space, any appurtenant structures, or leak detection or other monitoring, prevention, or safety systems or devices shall be provided to the Department at the address in N.J.A.C. 7:1E-4.5(h) at least 60 days prior to the commencement of construction, installation or modification. This provision does not apply to construction, installation or modification contained in a schedule for upgrading in an approved DPCC plan.

(b) Within 30 days of any change except those delineated in (e) below, the owner or operator of a major facility having an approved DPCC or DCR plan shall report to the Department at the address in N.J.A.C. 7:1E-4.5(h) any change in facility design, construction, operation or maintenance which will materially affect the facility's potential for discharges of hazardous substances or the substance of existing plans. The owner or operator shall amend the DPCC or DCR plan to reflect such changes, and shall certify the amendments pursuant to N.J.A.C. 7:1E-4.11, prior to submission to the Department for approval.

(c) The Department shall act to approve or deny approval of proposed amendments within 60 days.

(d) Amendments to DPCC or DCR plans shall be implemented promptly upon approval by the Department.

(e) Changes to the following information shall be reported to the Department at the address in N.J.A.C. 7:1E-4.5(h) within 30 days, but shall not be considered plan amendments subject to the certification and approval requirements of this section:

1. Name and mailing address of the facility, if the change is not the result of a change of ownership;
2. Facility and personnel telephone numbers;
3. Name and business address of the owner's or operator's registered agent;
4. Employee names that are included in the DPCC or DCR plan; and
5. New or revised financial responsibility documents.

Recodified from 7:1E-4.9 and amended by R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former N.J.A.C. 7:1E-4.8, "Denial or revocation of approval of DPCC or DCR plans or amendments", recodified to 7:1E-4.7.

#### 7:1E-4.9 Plan renewals

(a) At least once every three years following approval or conditional approval of the DPCC and DCR plans, the owner or operator shall renew the DPCC and DCR plans.

(b) One copy of the renewal shall be submitted to the Department at the address in N.J.A.C. 7:1E-4.5(h) at least 180 days prior to the expiration date of the DPCC and DCR plans. It shall consist of revised plans or a certification that the existing plans on file with the Department are current. A revised plan may be required at the time of renewal so as to incorporate into the plan all amendments adopted since the approval, conditional approval, or last renewal. Within 30 days of receipt of approval pursuant to N.J.A.C. 7:1E-4.6, a second copy of the approved renewal shall be submitted to the Department.

(c) Any change in an approved DPCC plan or DCR plan necessitated by amendments to this chapter shall be incorporated into the plan when the plan is renewed.

(d) As of October 7, 1996 and until the dates set forth in (d)1 and 2 below, general site plans, drainage and land use maps and topographical maps delineating environmentally sensitive areas shall be revised to meet the standards contained in N.J.A.C. 7:1, Appendix A, only when there is a change in the information required to be depicted pursuant to N.J.A.C. 7:1E-4.2(b)4, 5 or 6.

1. Effective January 1, 1998, all general site plans shall meet the standards in N.J.A.C. 7:1, Appendix A.

2. Effective January 1, 2001, all drainage and land use maps and all topographical maps delineating environmentally sensitive areas shall meet the standards contained in N.J.A.C. 7:1, Appendix A.

(e) Renewals shall be accompanied by a list of discharges that have occurred at the facility since the plan approval, conditional approval, or renewal, whether those discharges were immediately reported to the Department pursuant to N.J.A.C. 7:1E-5.3 or not, consisting of the substance(s) discharged, the quantity(ies) discharged, the location(s) of the discharge(s) and the case number(s) for those discharges that were reported.

(f) All renewals shall be certified pursuant to N.J.A.C. 7:1E-4.11.

(g) Any DPCC or DCR plan which is not renewed within three years of the date of approval, conditional approval, or last renewal, shall be considered expired.

New Rule, R.1996 d.462, effective October 7, 1996.

See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

Former N.J.A.C. 7:1E-4.9, "Amendment of plans by owners or operators", recodified to 7:1E-4.8.

#### 7:1E-4.10 Mapping criteria

(a) Drainage and land use, and topographical maps delineating environmentally sensitive areas, required pursuant to N.J.A.C. 7:1E-4.2(b)5 and 6, shall meet the following standards:

1. All mapping shall employ current commercially available mylar orthophoto basemaps (quarterquads) or other comparable current basemaps at a scale equal to or larger than 1:12,000, such as 1:9,600.

2. Mapped information shall meet the standards contained in N.J.A.C. 7:1, Appendix A.

(b) Drainage and land use maps, required pursuant to N.J.A.C. 7:1E-4.2(b)5, shall:

1. Include maps for the land area within 1,000 feet from the major facility's boundary. This boundary includes all lands owned or used by the owner or operator at a given location. The following categories of land use shall be included:

- i. Residential;
- ii. Transportation/communication/utilities;
- iii. Industrial and commercial complexes;
- iv. Industrial;
- v. Recreational land and parks;
- vi. Schools;
- vii. Hospitals and nursing care facilities;
- viii. Other urban lands not specified in (b)1i through vii above;
- ix. River channels;
- x. Lakes and ponds;
- xi. Reservoirs;
- xii. Bays and estuaries;
- xiii. Cranberry bogs;
- xiv. Coastal wetlands;
- xv. Interior wetlands;
- xvi. Agricultural land;
- xvii. Beaches;
- xviii. Extractive mining;
- xix. Other barren or altered lands;
- xx. Deciduous forest;
- xxi. Coniferous forest;
- xxii. Mixed forest; and
- xxiii. Brushland and shrubland;

2. Locate and label all arterial and collector sewers, storm sewers, catchment or containment systems or basins, diversion systems, and watercourses into which surface water run-off from the facility drains; and

3. Locate and label water supply wells and wellhead protection areas which have been delineated by the Department within 1,000 feet from the major facility's boundary, and monitoring wells owned or operated by the owner or operator at the facility.

(c) Topographical maps showing environmentally sensitive areas, required pursuant to N.J.A.C. 7:1E-4.2(b)6, shall:

1. Cover that area in which the major facility is located which is downgradient or topographically lower than the highest land point within the major facility and which

could be affected by a discharge as delineated in (c)2 below;

2. Extend to the maximum area of potential impact, taking into account the sizes of the tanks, containers, or vessel compartments utilized by the facility, the loss of secondary containment, consideration of containment measures in addition to secondary containment, the dispersiveness of the hazardous substance, temperature extremes, average rainfall and stream flows, tidal cycles, prevailing winds, and potential threat to the environment. This area shall be the lesser of the following:

i. The distance and path an uncontrolled discharge would travel in 48 hours, including all floodprone areas around any surface water or wetlands features;

ii. The distance downstream from the facility at which the concentration of the hazardous substance would fall below EPA's Quality Criteria for Water issued by EPA's Office of Water Regulations and Standards, including all floodprone areas around any surface water or wetlands features; or

iii. Fifteen miles from the facility boundary, downgradient along the path a discharge would follow, including all floodprone areas around any surface water or wetland features; and

3. Include, at a minimum, the following types of environmentally sensitive areas:

i. Environmentally sensitive areas for which information concerning the existence and location of the area, sufficient to allow for the location of the area on the topographical map, is available from any of the following:

(1) The Department;

(2) Other government agencies and published sources listed by the Department, which lists are available from the Department upon request; or

(3) A review and interpretation of the photo base-map;

ii. Without limiting the generality of the foregoing, the Department has determined that information from the sources listed in (c)3i(1), (2) and (3) above is available for wetlands and wetland transition areas; bay islands and barrier island corridors; dunes; and areas designated as wild, scenic, recreational or developed recreational rivers; and

iii. The environmentally sensitive areas listed in (c)3iii(1) through (4) below:

(1) Of the surface waters listed in N.J.A.C. 7:1E-1.8(a)1, large rivers, medium rivers, streams, creeks, ponds, lakes and canals;

(2) Of the sources of water supply listed in N.J.A.C. 7:1E-1.8(a)2, intakes and wells;

(3) Beaches, as listed in N.J.A.C. 7:1E-1.8(a)4;

(4) Of the breeding areas and migratory stopover areas listed in N.J.A.C. 7:1E-1.8(a)7 and 8, those which are known to the ornithologist who certifies the DCR plan under N.J.A.C. 7:1E-4.11(e).

(d) All maps required by N.J.A.C. 7:1E-4.2(b)4, 5 and 6 shall be submitted in digital and paper copy form. The digital and one paper copy shall accompany the initial plan submission for approval.

(e) An owner or operator may apply for an exemption from compliance with the mapping criteria set forth above.

1. The application shall be in writing and shall contain the following:

i. A copy of a written estimate of the cost of preparing the required maps in accordance with the criteria set forth in this section; and

ii. An affidavit, signed and sworn to by the person required to provide certifications pursuant to N.J.A.C. 7:1E-4.11(c), stating that the owner or operator is a small business and that incurring the cost of obtaining maps in compliance with this section would substantially impair the owner or operator's ability to continue as a going concern.

2. The owner or operator shall submit such certified financial statements as the Department requests.

3. The Department shall grant the exemption if it determines that the cost of obtaining maps in compliance with this section would substantially impair the owner or operator's ability to continue as a going concern. The grant of the exemption shall set forth other mapping criteria, which the Department determines will satisfactorily serve the purposes of this subchapter.

Amended by R.1996 d.252, effective June 3, 1996.  
See: 27 N.J.R. 2337(a), 27 N.J.R. 2882(a), 28 N.J.R. 2858(a).  
Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

#### 7:1E-4.11 Certifications

(a) Any person who submits summary test results, a plan, plan amendment, plan renewal, or confirmation report to the Department shall include, as an integral part of the summary test results, plan, plan amendment, plan renewal, or confirmation report, the following certification, signed by the highest ranking individual with overall responsibility for the information contained in the certified documents:

"I certify under penalty of law that the information provided in this document is, to the best of my knowledge, true, accurate and complete. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for submitting false, inaccurate or incomplete information."

(b) In addition to the certification in (a) above, any person who submits a plan, plan amendment, plan renewal or transmission pipeline registration to the Department shall include, as an integral part of the plan, plan amendment, plan renewal or transmission pipeline registration, the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this plan and all attached documents and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

(c) The additional certification in (b) above shall be signed by the ranking official, as follows:

1. For a corporation, a principal executive officer of at least the level of vice president;

2. For a partnership or sole proprietorship, a general partner or the proprietor, respectively;

3. For a municipality, the mayor or other official authorized by the local governing body to bind the municipality;

4. For a county, the county executive or other official authorized by the board of chosen freeholders to bind the county;

5. For the State, the agency head or person designated by the agency head; or

6. For any other public agency, a principal executive officer or other official authorized by the public agency's governing body to bind the public agency.

(d) Notwithstanding the provisions of (b) above, the certification contained in (a) above shall be the only certification required if the individual required in (a) above to sign the certification is the same individual required in (c) above to sign the additional certification.

(e) Any person submitting a DCR plan containing an environmentally sensitive areas protection plan, or submitting an amendment or renewal to the environmentally sensitive areas protection plan, shall include, as an integral part of the plan, plan amendment or plan renewal, a certification, signed by a marine biologist or aquatic biologist or ecologist or freshwater equivalent and an ornithologist stating that the environmentally sensitive areas protection plan identifies those environmentally sensitive areas that could be affected by a discharge from this facility and the seasonal sensitivity of those areas, provides for protection from, and mitigation of, any potentially adverse impact on the identified areas, and for an environmental assessment in the event of a discharge.

3. The time the discharge occurred;
4. The location in the aircraft flight path of the discharge;
5. The wind speed and direction; and
6. The area likely to be affected by the discharge.

#### 7:1E-5.5 Notification of malfunctions in discharge detection systems

(a) The owner or operator of a major facility shall immediately notify the Department at (609) 292-7172 of any malfunction of a discharge detection or other discharge monitoring, prevention or safety system or device. In the event that this number is inoperable, any owner or operator of a major facility shall immediately notify the State Police at (609) 882-2000.

(b) Notification received by the Department pursuant to (a) above within 15 minutes of the time that the owner or operator knew, or reasonably should have known, of the occurrence of a malfunction shall be considered immediate. It shall be presumed that notification received by the Department more than 15 minutes after the owner or operator knew, or reasonably should have known, of the malfunction is not immediate. The owner or operator may rebut this presumption by satisfying the requirements of N.J.A.C. 7:1E-5.6.

(c) Within two hours of the initial notification, the owner or operator of a major facility shall notify the Department that one of the following situations exists:

1. The malfunction has been repaired;
2. An alternate discharge detection system has been activated for the equipment utilizing the malfunctioning system; or
3. The equipment protected by the discharge detection system has been taken out of service.

#### 7:1E-5.6 Justification of delay

(a) The Department, at its discretion, may determine that a period of longer than 15 minutes for initiating the notification of the Department of a discharge is immediate if the person responsible for the discharge can show, by clear and convincing evidence, that the notification of the Department was initiated as soon as possible or reasonable and that notification within 15 minutes was impossible or unreasonable because of:

1. Essential immediate response activities;
2. The circumstances under which the discharge occurred;
3. The circumstances under which the discharge was first discovered; or
4. Some other valid cause or reason.

(b) A person who does not initiate the notification of the Department of a discharge within 15 minutes and who desires to establish that the notification was as immediate as reasonably possible under the circumstances in which the discharge occurred, shall submit a sworn affidavit so attesting with the written confirmation report required by N.J.A.C. 7:1E-5.8. This affidavit shall set forth the circumstances of the discharge to establish that the notification of the Department was as immediate as reasonably possible under the circumstances in which the discharge occurred. The affidavit shall be signed by the person or persons required to sign any certifications pursuant to N.J.A.C. 7:1E-4.11, and shall include, but not be limited to, the following information:

1. The address of the facility at which the discharge occurred;
2. The date and time at which the discharge began and the date and time at which it ceased;
3. The name, job title, affiliation, business telephone number and business address of the individual who first discovered the discharge;
4. The date, the time, and the circumstances under which the discharge was first discovered;
5. The reason(s), if any, why the discharge was not immediately discovered;
6. The date and time which the discharge was first reported to the Department;
7. The name, business telephone number, and business address of the individual who first notified the Department of the discharge;
8. Any reason why initiation of notification of the Department within 15 minutes of the onset of the discharge was impossible or unreasonable; and
9. A demonstration that initiation of notification was carried out as soon as possible or reasonable.

#### 7:1E-5.7 Discharge response

(a) Any person responsible for a discharge shall take immediate action to stop the discharge and shall take all necessary and appropriate measures to contain, mitigate, cleanup and remove the discharge, or shall follow the action plan in the facility's approved DCR plan, prepared and implemented in accordance with N.J.A.C. 7:1E-4. All persons shall coordinate such actions with the Department.

(b) No person shall apply chemicals to a discharge without the prior approval of the Department or the Federal on-scene coordinator under the National Contingency Plan pursuant to 40 CFR 300, unless such application is necessary to prevent or mitigate a situation that poses a serious and imminent threat to human life. In any such situation of imminent threat to human life, the owner or operator shall make reasonable efforts to secure the approval of the

Department or the Federal on-scene coordinator before applying chemicals. Approval to apply chemicals may be obtained verbally, including by telephone. Application of chemicals pursuant to a DCR plan approved by the Department shall be deemed to have prior approval. Unauthorized use of chemicals shall be regarded as a discharge in violation of N.J.A.C. 7:1E-1.11.

(c) Upon learning that a discharge of a hazardous substance has occurred, the Department may act to contain, mitigate, clean up and remove the discharge, unless it determines that such action will be done properly and expeditiously by the person responsible for the discharge, or by any other authorized person.

(d) The Department, at its discretion, may observe, supervise or participate in any aspect of containment, or cleanup and removal activities. In the exercise of its supervisory power, the Department may order any person to cease cleanup and removal activities and other discharge-related operations if it determines that the person is not capable of properly containing, cleaning up or removing a discharge, or if the Department determines that person is failing to conduct cleanup operations in a proper and expeditious manner.

#### Case Note

Coverage under policy for damages insured became "legally obligated to pay" extended to costs of cleaning up environmental contamination for which Spill Compensation and Control Act imposed liability, even before issuance of agency directive or commencement of lawsuit making insured liable for those costs. *Metex Corp. v. Federal Ins. Co.*, 290 N.J.Super. 95, 675 A.2d 220 (A.D.1996).

#### 7:1E-5.8 Confirmation report and recordkeeping

(a) Any owner or operator of a transmission pipeline or of a major facility who has notified the Department of a discharge from a regulated portion of the transmission pipeline or from a regulated portion of the major facility pursuant to N.J.A.C. 7:1E-5.3 shall send to the Department a written confirmation report within 30 days of said notification.

(b) Any person responsible for a discharge who is not the owner or operator of a major facility or transmission pipeline, or who has experienced a discharge from a non-regulated portion of a major facility or transmission pipeline, and who has notified the Department pursuant to N.J.A.C. 7:1E-5.3, shall keep records of the cleanup and removal actions taken in accordance with the requirements of N.J.A.C. 7:26E, Technical Requirements for Site Remediation.

(c) Any person required to submit a confirmation report pursuant to (a) above shall include the following in the confirmation report:

1. The name, address and telephone number of the individual that reported the discharge pursuant to N.J.A.C. 7:1E-5.3;

2. The name, address and telephone number of the individual submitting the confirmation report if different from the individual identified in (c)1 above, and the relationship between said persons, such as employer-employee, or contractor-client;

3. The name, address and telephone number of each owner and operator of the facility at which the discharge occurred, or the vessel or vehicle from which the discharge occurred;

4. The source of the discharge, if known;

5. The location of the discharge, as follows:

i. For a discharge from sites located on land, the name of the site, the street address, the tax lot and block, the municipality, the county, and comma-delimited State Plane coordinates of the point of discharge;

ii. For discharges on, under or into water, the name of the water body, and comma-delimited State Plane coordinates of the place the discharge originated; and

iii. For all discharges that affect areas not under the control of the owner or operator, a map of the area affected by the discharge which meets the standards in N.J.A.C. 7:1, Appendix A;

6. A list of the common name and Chemical Abstract Service number of each of the hazardous substances discharged;

7. A list of the quantities of each hazardous substance discharged, including best estimates if the quantities are unknown;

8. The date and time at which the discharge began, the date and time at which the discharge was discovered, the date and time at which the discharge ended, and the date and time at which the Department was notified pursuant to N.J.A.C. 7:1E-5.3;

9. A description of the measures taken to contain, clean up and remove the discharge, and a summary of costs incurred;

10. Corrective or preventive measures taken or proposed to minimize the possibility of recurrence;

11. The name, addresses and telephone numbers of all entities involved in containment, cleanup or removal of the discharge;

12. A description of samples taken at or around the site of the discharge, whether before, during or after any containment, cleanup or removal. The samples shall be taken and analyzed in accordance with N.J.A.C. 7:26E-2. Records of the results shall be kept on-site and made available for Department review, at either the facility or the Department's offices at the discretion of the Department;

13. A certification stating that financial responsibility demonstrated pursuant to N.J.A.C. 7:1E-4.5 and submitted to the Department pursuant to N.J.A.C. 7:1E-4.4(a)9 is in full force and effect;

14. Information supplementing any information previously provided to the Department if additional relevant information is discovered, or if it is determined that the information previously provided was false, inaccurate or misleading;

15. Any other information concerning the discharge which the Department may request; and

16. A fully executed certification pursuant to N.J.A.C. 7:1E-4.11.

(d) Any person required to submit a confirmation report pursuant to (a) above shall promptly notify the Department in writing of any additional or corrected information which becomes available after the submission of a confirmation report, within 10 days of the availability of that information. Such information shall reference the date, title and author of the confirmation report which is being supplemented.

(e) Any person required to submit a confirmation report for a discharge at a major facility or transmission pipeline shall submit the confirmation report to:

Bureau of Discharge Prevention  
New Jersey Department of Environmental Protection  
401 East State Street  
CN 424  
Trenton, New Jersey 08625-0424  
Attention: Discharge Confirmation Report

(f) Any person required to submit a written report pursuant to N.J.A.C. 7:1E-5.2, shall submit the report to:

Site Remediation Program  
Discharge Response Element  
New Jersey Department of Environmental Protection  
401 East State Street  
CN 028  
Trenton, New Jersey 08625-0028  
Attention: Discharge Report

Amended by R.1996 d.252, effective June 3, 1996.  
See: 27 N.J.R. 2337(a), 27 N.J.R. 2882(a), 28 N.J.R. 2858(a).  
Amended by R.1996 d.462, effective October 7, 1996.  
See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).

#### Case Notes

Commencing transfer operations of leaking gasoline in severe weather conditions that increased risk of discharge warranted civil administrative penalties. Department of Environmental Protection v. Stolt-Nielsen, 95 N.J.A.R.2d (EPE) 157.

#### 7:1E-5.9 Reporting responsibilities of the Department

(a) Upon obtaining any information which leads it to suspect that a discharge has occurred in a municipality's jurisdiction, the Department shall immediately notify orally the contact persons for the governing body of the municipality and the local board of health as specified in (b) below, unless these entities have been notified previously.

(b) The governing body of the municipality and the local board of health shall provide the Department with the name, address and telephone number of a 24 hour contact point and an alternate 24 hour contact point. The governing body of the municipality and the local board of health may change the contact point and alternate contact point upon written notice to the Department. If a contact point and an alternate contact point are not specified, the local police department or local fire department shall be the points designated by the Department to receive notification pursuant to (a) above.

(c) Within 10 days of the initial oral notification required by (a) above, the Department shall issue a letter confirming and, if appropriate, expanding upon that initial oral notification.

(d) The Department shall take appropriate action to verify that a discharge has occurred as suspected, including the authorization of agent(s) or officer(s) of the municipality or local board of health by an appropriate Department official to investigate the site of the suspected discharge. Such investigation shall include conducting visual assessment of the site of the discharge and contacting any persons potentially responsible for the discharge.

(e) The agent(s) or officer(s) of the municipality shall report all findings to the Department.

#### 7:1E-5.10 Discharge reporting requirements of local officials

(a) When any governing body of a municipality or local board of health obtains information which leads it to suspect that a discharge has occurred, the governing body or local board of health shall immediately notify, as specified in (b) below, the Department, unless the Department has already been notified of the discharge.

(b) The governing body or local board of health shall provide the Department with information regarding any discharge pursuant to (a) above in the format specified at N.J.A.C. 7:1E-5.3(a).

(c) The local governing body and the local board of health shall coordinate all responses to the discharge with the Department.

#### 7:1E-5.11 Amendment of plans following a discharge

(a) Following submission of a confirmation report pursuant to N.J.A.C. 7:1E-5.8, the Department may review a

facility's DPCC and DCR plans and may require the owner or operator of the facility to amend the plans if it finds that a plan does not meet the requirements of this chapter or that amendment of the plan is necessary to prevent and contain similar discharges.

(b) Amendments required by the Department shall become part of the DPCC or DCR plan within 30 days after approval by the Department, unless the Department specifies another effective date. The owner or operator shall implement the amendment of the plan as soon as possible, in accordance with a schedule submitted by the owner or operator and approved by the Department.

## SUBCHAPTER 6. CIVIL ADMINISTRATIVE PENALTIES AND REQUESTS FOR ADJUDICATORY HEARINGS

### Subchapter Historical Note

Petition for Rulemaking: Notice of Receipt of and Action on a Petition for Rulemaking. See: 28 N.J.R. 5499(a), 29 N.J.R. 704(a).

### 7:1E-6.1 Scope

This subchapter shall govern the Department's assessment of civil administrative penalties for violation of any provision of the Act, including any rule, regulation, plan, information request, access request, order or directive promulgated or issued pursuant to the Act. This subchapter shall also govern the procedures for requesting an adjudicatory hearing on a notice of civil administrative penalty assessment, an administrative order, conditions of approval for any plan, or amendment to a plan, or a denial or revocation of approval of a plan or amendment to a plan required under the Act.

### 7:1E-6.2 Applicability

(a) The Department may assess a civil administrative penalty of not more than \$50,000 for any discharge less than 100,000 gallons, not more than \$10,000,000 for any discharge of 100,000 gallons or more, and not more than \$50,000 for each violation of the Act or of any rule, regulation, plan, information request, access request, order or directive promulgated or issued pursuant to the Act.

(b) Each violation of any provision of the Act, or any rule, regulation, plan, information request, access request, order or directive promulgated or issued pursuant thereto shall constitute a separate and distinct offense.

(c) Each day during which a violation continues shall constitute an additional, separate, and distinct offense.

(d) The Department may, in its discretion, treat an offense as a first offense solely for civil administrative penalty determination purposes, if the violator has not committed the same offense in the five years immediately preceding the date of the pending offense.

(e) Neither the assessment of a civil administrative penalty nor the payment of any such civil administrative penalty shall be deemed to affect the availability of any other enforcement provisions provided for by the Act, or any other statute, in connection with the violation for which the assessment is levied.

### 7:1E-6.3 Procedures for issuance of administrative orders and assessment, settlement and payment of civil administrative penalties

(a) In order to assess a civil administrative penalty under the Act, for violation of the Act or any rule, regulation, plan, information request, access request, order or directive promulgated or issued pursuant to the Act, the Department shall, by means of an administrative order or notice of civil administrative penalty assessment, notify the violator by certified mail (return receipt requested) or by personal service. The Department may, in its discretion, assess a civil administrative penalty for more than one offense in a single administrative order or notice of civil administrative penalty assessment or in multiple administrative orders or notices of civil administrative penalty assessment. This Administrative Order or Notice of Civil Administrative Penalty Assessment shall:

1. Identify the section of the Act, rule, plan, request, order or directive violated;
2. Concisely state the facts which constitute the violation;
3. Order such violation to cease;
4. Specify the amount of the civil administrative penalty to be imposed; and
5. Advise the violator of the right to request an adjudicatory hearing pursuant to the procedures in N.J.A.C. 7:1E-6.4.

(b) Payment of the civil administrative penalty is due upon receipt by the violator of the Department's Final Order in a contested case or when a Notice of Civil Administrative Penalty becomes a Final Order, as follows:

1. If no hearing is requested pursuant to the procedures in N.J.A.C. 7:1E-6.4, a Notice of Civil Administrative Penalty Assessment becomes a Final Order on the 21st calendar day following receipt of the Notice of Civil Administrative Penalty Assessment by the violator;
2. If the Department denies the hearing request pursuant to N.J.A.C. 7:1E-6.4(a), a Notice of Civil Administrative Penalty becomes a Final Order and is deemed received on the 21st day following receipt of the Notice of Civil Administrative Penalty Assessment by the violator;
3. If the Department denies the hearing request pursuant to N.J.A.C. 7:1E-6.4(c), a Notice of Civil Administrative Penalty Assessment becomes a Final Order upon receipt by the violator of such denial; or

2. The name of the agency or other person to which the Department disclosed the confidential information; and

3. A description of the confidential information disclosed.

#### **7:1E-9.5 Disclosure by consent**

(a) The Department may disclose confidential information in accordance with the written consent of the claimant.

(b) A claimant's consent to a particular disclosure shall not operate as a waiver of a confidentiality claim with regard to further disclosures, unless the authorized disclosure is of such nature that the disclosed information is no longer confidential information.

#### **7:1E-9.6 Incorporation of confidential information into cumulations of data**

Nothing in this chapter shall be construed as prohibiting the incorporation of confidential information into cumulations of data subject to disclosure as public records, provided that after consultation with the claimant, the Department has determined that such disclosure is not in a form that would foreseeably allow persons, not otherwise having knowledge of such confidential information, to deduce from it the confidential information or the identity of the person who supplied it to the Department.

#### **7:1E-9.7 Disclosure of confidential information in rulemaking, permitting, and enforcement proceedings**

(a) Notwithstanding any other provision of this subchapter, the Department may disclose confidential information in rulemaking, permitting and enforcement proceedings.

(b) The following procedures shall apply to the disclosure of confidential information by the Department in rulemaking, permitting and enforcement proceedings:

1. The Department may disclose confidential information in an adjudicatory hearing, subject to the protection from making the information available to the public which the administrative law judge may impose under the Uniform Administrative Procedure Rules, N.J.A.C. 1:1 including without limitation N.J.A.C. 1:1-14.1.

2. The Department may disclose confidential information in any enforcement, permitting, or rulemaking proceeding which does not involve an adjudicatory hearing, pursuant to the following procedure:

i. The Department shall inform the claimant that the Department is considering using the information in connection with the proceeding and shall afford the claimant a reasonable period for comment;

ii. The claimant shall submit comments to the Department within the time allotted pursuant to (b)2i above, concerning the proposed uses of confidential

information, including comments which may support a determination that the confidential information is not relevant to the proceeding, or that the disclosure of the confidential information in the proceeding is not necessary to serve the public interest;

iii. The Department may disclose the confidential information in the proceeding if, upon consideration of comments submitted pursuant to (b)2ii above, the Department determines that the information is relevant to the subject of the proceeding, that the use of the information in the proceeding will serve the public interest, and that it materially impairs such service of the public interest to limit the use of the information to a manner which preserves its confidentiality; and

iv. The Department shall give the affected person at least five days notice prior to using the information in the proceeding in a manner which may result in the information being made available to the public.

#### **7:1E-9.8 Hearing before disclosure of information for which a confidentiality claim has been made**

(a) A claimant may request an adjudicatory hearing to contest disclosure of any information for which a confidentiality claim has been made, at any time before disclosure. The request shall be in accordance with the requirements of N.J.A.C. 7:1E-6.4(b), and shall be delivered to the Department at the following address:

Department of Environmental Protection  
Office of Legal Affairs  
Attention—Adjudicatory Hearing Requests—  
DPCC Confidentiality  
401 East State Street  
CN 402  
Trenton, New Jersey 08625-0402

(b) The Department may deny a request for an adjudicatory hearing under (a) above if:

1. The claimant fails to provide all information required under N.J.A.C. 7:1E-6.4(b);

2. The Department receives the request after disclosure of the assertedly confidential information occurs;

3. The Department has been ordered to disclose the information by a court of competent jurisdiction, or by any other person or entity with the power and authority to compel disclosure; or

4. The Department determines that disclosure is necessary to alleviate an imminent danger to the environment or to public health or safety, as provided in N.J.A.C. 7:1E-9.3.

(d) All adjudicatory hearings shall be conducted in accordance with the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., and the Uniform Administrative Procedure Rules, N.J.A.C. 1:1.

(e) At the adjudicatory hearing, the respondent shall have the burden of showing that the proposed disclosure is not in accordance with this chapter.

(f) Pending the completion of the adjudicatory hearing, the Department will refrain from disclosing the assertedly confidential information, unless:

1. The Department has been ordered to disclose the information by a court of competent jurisdiction, or by any other person or entity with the power and authority to compel disclosure; or

2. The Department determines that disclosure is necessary to alleviate an imminent danger to the environment or to public health or safety.

## SUBCHAPTER 10. TREATMENT OF CONFIDENTIAL INFORMATION

### Source and Effective Date

R.1992 d.186, effective April 20, 1992.  
See: 23 N.J.R. 2848(a), 24 N.J.R. 1484(a).

### 7:1E-10.1 Nondisclosure of confidential information

Unless specifically required by any Federal or State law, regulation or order, court order, or applicable court rule, the Department shall not disclose confidential information to any person other than as provided in N.J.A.C. 7:1E-9.

### 7:1E-10.2 Safeguarding of confidential information

(a) Submissions to the Department required under this chapter will be opened only by persons authorized by the Department to be engaged in administering this chapter.

(b) Only those Department employees whose activities necessitate access to information for which a confidentiality claim has been made may open any envelope which is marked "CONFIDENTIAL".

(c) The Department shall store any records containing confidential information only in locked cabinets in secure rooms; provided, however, that if such records are in a form which is not amenable to such storage, the Department shall store such records in a manner which similarly restricts access by persons to whom disclosure of the confidential information in question is restricted.

(d) Any records made, possessed, or controlled by the Department or its contractors, and containing confidential information, shall contain indicators identifying the confidential information.

(e) Every Department employee, representative, and contractor who has custody or possession of confidential information shall take appropriate measures to safeguard such information and to protect against its improper disclosure.

### 7:1E-10.3 Confidentiality agreements

The provisions of this chapter shall supersede the provisions of any agreement imposing any duties of confidentiality or nondisclosure upon the Department or any employee, contractor or agent thereof. Such provisions imposing confidentiality or nondisclosure duties upon the Department of any employee, contractor or agent thereof shall be of no force or effect.

### 7:1E-10.4 Wrongful access or disclosure; penalties

(a) No person shall disclose, obtain or have possession of any confidential information, except as authorized by this chapter.

(b) Except in accordance with this chapter, no Department employee, representative, or contractor shall disclose any confidential information which came into his or her possession, or to which he or she gained access, by virtue of his or her official position of employment or contractual relationship with the Department. No such person shall use any such information for his or her private gain or advantage, except as permitted by a contract between such person and the Department. If a contractor discloses confidential information in violation of this chapter or of contractual provisions restricting disclosure, such disclosure shall constitute grounds for debarment or suspension as provided in N.J.A.C. 7:1-5, Debarment, Suspension and Disqualification from Department Contracting.

(c) If the Department finds that any person has violated the provisions of this subchapter, it may:

1. Commence civil action in Superior Court for a restraining order and an injunction barring that person from further disclosing confidential information; and/or
2. Pursue any other remedy available at law or equity.

(d) In addition to any other penalty that may be sought by the Department, violation of this subchapter by a Department employee shall constitute grounds for dismissal, suspension, fine or other adverse personnel action.

(e) Use of any of the remedies specified under this section shall not preclude the use of any other remedy.

## APPENDIX A

### LIST OF HAZARDOUS SUBSTANCES

(Alphabetical Order)

Name	CAS Number
Abamectin	71751-41-2
Acenaphthene	83-32-9
Acenaphthylene	208-96-8
Acephate	30560-19-1
Acetaldehyde	75-07-0
Acetamide	60-35-5
Acetic acid	64-19-7
Acetic anhydride	108-24-7

Name	CAS Number	Name	CAS Number
Acetone	67-64-1	Ammonium sulfamate	7773-06-0
Acetone cyanohydrin	75-86-5	Ammonium sulfate (solution)	7783-20-2
Acetone thiosemicarbazide	1752-30-3	Ammonium sulfide	12135-76-1
Acetonitrile	75-05-8	Ammonium sulfite	10196-04-0
Acetophenone	98-86-2	Ammonium tartrate, diammonium salt	3164-29-2
Acetoxytriphenylstannane	900-95-8	Ammonium tartrate	14307-43-8
2-Acetylaminofluorene	53-96-3	Ammonium thiocyanate	1762-95-4
Acetyl bromide	506-96-7	Ammonium vanadate	7803-55-6
Acetyl chloride	75-36-5	Amphetamine	300-62-9
Acetylene*	74-86-2	n-Amyl acetate	628-63-7
1-Acetyl-2-thiourea	591-08-2	iso-Amyl acetate	123-92-2
Acifluorfen, sodium salt	62476-59-9	sec-Amyl acetate	626-38-0
Acrolein	107-02-8	tert-Amyl acetate	625-16-1
Acrylamide	79-06-1	Anilazine	101-05-3
Acrylic acid	79-10-7	Aniline	62-53-3
Acrylonitrile	107-13-1	o-Anisidine	90-04-0
Acrylyl chloride	814-68-6	p-Anisidine	104-94-9
Adipic acid	124-04-9	o-Anisidine hydrochloride	134-29-2
Adiponitrile	111-69-3	Anthracene	120-12-7
Alachlor	15972-60-8	Antimony	7440-36-0
Aldicarb	116-06-3	Antimony compounds	*****
Aldicarb sulfone	1646-88-4	Antimony pentachloride	7647-18-9
Aldrin	309-00-2	Antimony pentafluoride	7783-70-2
d-trans-Allethrin	28057-48-9	Antimony potassium tartrate	28300-74-5
Allyl alcohol	107-18-6	Antimony tribromide	7789-61-9
Allyl amine	107-11-9	Antimony trichloride	10025-91-9
Allyl chloride	107-05-1	Antimony trifluoride	7783-56-4
Aluminum (fume or dust)	7429-90-5	Antimony trioxide	1309-64-4
Aluminum oxide (fibrous forms)	1344-28-1	Antimycin A	1397-94-0
Aluminum phosphide	20859-73-8	ANTU (concentrations above 4%)	86-88-4
Aluminum sulfate	10043-01-3	Aroclor 1016	12674-11-2
Ametryn	834-12-8	Aroclor 1221	11104-28-2
2-Aminoanthraquinone	117-79-3	Aroclor 1232	11141-16-5
4-Aminoazobenzene	60-09-3	Aroclor 1242	53469-21-9
4-Aminobiphenyl	92-67-1	Aroclor 1248	12672-29-6
(4-Aminobutyl)diethoxymethylsilane	3037-72-7	Aroclor 1254	11097-69-1
1-Amino-2-methylantraquinone	82-28-0	Aroclor 1260	11096-82-5
p-Aminopropiophenone	70-69-9	Aroclor 5442	12642-23-8
Aminopterin	54-62-6	Arsenic	7440-38-2
4-Aminopyridine	504-24-5	Arsenic acid	1327-52-2
Amiton	78-53-5		7778-39-4
Amiton oxalate	3734-97-2	Arsenic compounds	*****
Amitraz	33089-61-1	Arsenic disulfide	1303-32-8
Amitrole	61-82-5	Arsenic pentoxide	1303-28-2
Ammonia	7664-41-7	Arsenic trioxide (concentrations above 1.5%)	1327-53-3
Ammonium acetate	631-61-8	Arsenic trisulfide	1303-33-9
Ammonium benzoate	1863-63-4	Arsenous trichloride	7784-34-1
Ammonium bicarbonate	1066-33-7	Arsine	7784-42-1
Ammonium bichromate	7789-09-5	Asbestos (friable)	1332-21-4
Ammonium bifluoride	1341-49-7	Atrazine	1912-24-9
Ammonium bisulfite	10192-30-0	Auramine	492-80-8
Ammonium carbamate	1111-78-0	Azaserine	115-02-6
Ammonium carbonate	506-87-6	Azinphos-ethyl	2642-71-9
Ammonium chloride	12125-02-9	Azinphos-methyl	86-50-0
Ammonium chromate	7788-98-9	Barban	101-27-9
Ammonium citrate dibasic	3012-65-5	Barium	7440-39-3
Ammonium fluoborate	13826-83-0	Barium azide	18810-58-7
Ammonium fluoride	12125-01-8	Barium compounds	*****
Ammonium hydroxide	1336-21-6	Barium cyanide	542-62-1
Ammonium nitrate	6484-52-2	Barium styphnate	20236-55-9
Ammonium oxalate	14258-49-2	Bendiocarb (conc. above 15%)	22781-23-3
Ammonium oxalate, monohydrate	6009-70-7	Bendiocarb phenol	22961-82-6
Ammonium oxalate, unspecified hydrate	5972-73-6	Benfluralin	1861-40-1
Ammonium perchlorate	7790-98-9	Benomyl	17804-35-2
Ammonium picrate	131-74-8	Benzacridine	225-51-4
Ammonium silicofluoride	16919-19-0	Benzal chloride	98-87-3

Name	CAS Number	Name	CAS Number
Benzamide	55-21-0	iso-Butane*	75-28-5
Benzanthracene	56-55-3	Butene*	25167-67-3
Benzene	71-43-2	1-Butene*	106-98-9
Benzeneearsonic acid	98-05-5	2-Butene*	107-01-7
Benzenesulfonyl chloride	98-09-9	2-Butene-cis*	590-18-1
Benzenethiol	108-98-5	2-Butene-trans*	624-64-6
Benzidine	92-87-5	n-Butyl acetate	123-86-4
Benzo(b)fluoranthene	205-99-2	iso-Butyl acetate	110-19-0
Benzo(j)fluoranthene	205-82-3	sec-Butyl acetate	105-46-4
Benzo(k)fluoranthene	207-08-9	tert-Butyl acetate	540-88-5
Benzoic acid	65-85-0	Butyl acrylate	141-32-2
Benzonitrile	100-47-0	n-Butyl alcohol	71-36-3
Benzoperylene	191-24-2	iso-Butyl alcohol	78-83-1
Benzopyrene	50-32-8	sec-Butyl alcohol	78-92-2
Benzotrichloride	98-07-7	tert-Butyl alcohol	75-65-0
Benzoyl chloride	98-88-4	Butylamine	109-73-9
Benzoyl peroxide	94-36-0	iso-Butylamine	78-81-9
Benzyl chloride	100-44-7	sec-Butylamine	513-49-5
Benzyl cyanide	140-29-4		13952-84-6
Beryllium	7440-41-7	tert-Butylamine	75-64-9
Beryllium chloride	7787-47-5	Butylate	2008-41-5
Beryllium compounds	*****	Butyl benzyl phthalate	85-68-7
Beryllium fluoride	7787-49-7	1,2-Butylene oxide	106-88-7
Beryllium nitrate	7787-55-5	Butyraldehyde	123-72-8
	13597-99-4	iso-Butyraldehyde	78-84-2
alpha-BHC	319-84-6	Butyric acid	107-92-6
beta-BHC	319-85-7	iso-Butyric acid	79-31-2
delta-BHC	319-86-8	C.I. Acid Blue 1, sodium salt	129-17-9
Bifenthrin	82657-04-3	C.I. Acid Blue 9, diammonium salt	2650-18-2
Biphenyl	92-52-4	C.I. Acid Green 3	4680-78-8
Bis(2-chloroethoxy)methane	111-91-1	C.I. Acid Green 5	5141-20-8
Bis(2-chloroisopropyl)ether	108-60-1	C.I. Acid Red 114	6459-94-5
Bis(chloromethyl)ether	542-88-1	C.I. Basic Green 4	569-64-2
Bis(chloromethyl)ketone	534-07-6	C.I. Basic Red 1	989-38-8
3,3-Bis(chloromethyl)oxetane	78-71-7	C.I. Direct Black 38	1937-37-7
Bis(dimethylthiocarbamoyl)sulfide	97-74-5	C.I. Direct Blue 6	2602-46-2
Bis(2-ethylhexyl)adipate	103-23-1	C.I. Direct Blue 218	28407-37-6
1,3-Bis(methylisocyanate)cyclohexane	38661-72-2	C.I. Direct Brown 95	16071-86-6
1,4-Bis(methylisocyanate)cyclohexane	10347-54-3	C.I. Disperse Yellow 3	2832-40-8
Bis(pentamethylene)thiuram tetrasulfide	120-54-7	C.I. Food Red 5	3761-53-3
Bisphenol A	80-05-7	C.I. Food Red 15	81-88-9
Bithionol	97-18-7	C.I. Food Red 6	3564-09-8
Bitoscanate	4044-65-9	C.I. Solvent Orange 7	3118-97-6
Black powder	*****	C.I. Solvent Orange 2	2646-17-5
Boron trichloride	10294-34-5	C.I. Solvent Red 80	6358-53-8
Boron trifluoride	7637-07-2	C.I. Solvent Yellow 3	97-56-3
Boron trifluoride compound with methyl ether (1:1) (conc. above 0.0005%)	353-42-4	C.I. Solvent Yellow 14	842-07-9
Bromacil	314-40-9	C.I. Vat Yellow 4	128-66-5
Bromacil, lithium salt	53404-19-6	Cacodylic acid	75-60-5
Bromadiolone (concentrations above 0.01%)	28772-56-7	Cadmium	7440-43-9
Bromine	7726-95-6	Cadmium acetate	543-90-8
Bromoacetone	598-31-2	Cadmium bromide	7789-42-6
1-Bromo-1-(bromomethyl)-1,3-propanedi-carbonitrile	35691-65-7	Cadmium chloride	10108-64-2
Bromochlorodifluoromethane (Halon 1211)	353-59-3	Cadmium compounds	*****
Bromoform	75-25-2	Cadmium oxide	1306-19-0
4-Bromophenyl phenyl ether	101-55-3	Cadmium stearate	2223-93-0
Bromotrifluoroethylene*	598-73-2	Calcium arsenate	7778-44-1
Bromotrifluoromethane (Halon 1301)	75-63-8	Calcium arsenite	52740-16-6
Bromoxynil	1689-84-5	Calcium carbide	75-20-7
Bromoxynil octanoate	1689-99-2	Calcium chromate	13765-19-0
Bronopol	52-51-7	Calcium cyanamide	156-62-7
Brucine	357-57-3	Calcium cyanide	592-01-8
1,3-Butadiene	106-99-0	Calcium dodecylbenzenesulfonate	26264-06-2
Butane*	106-97-8	Calcium hypochlorite	7778-54-3
		Cantharidin	6-25-7
		Caprolactum	105-60-2

Name	CAS Number	Name	CAS Number
Captan	133-06-2	Chloropicrin	76-06-2
Carbachol chloride	51-83-2	Chloroprene	126-99-8
Carbamimidoseleonic acid	630-10-4	3-Chloropropionitrile	542-76-7
Carbaryl	63-25-2	1-Chloropropylene*	590-21-6
Carbendazim	10605-21-7	2-Chloropropylene*	557-98-2
Carbofuran	1563-66-2	3-Chloropropylsulfoxide	3569-57-1
Carbofuran phenol	1563-38-8	Chlorosulfonic acid	7790-94-5
Carbon disulfide	75-15-0	Chlorotetrafluoroethane*	63938-10-3
Carbon tetrachloride	56-23-5	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)*	354-25-6
Carbonyl fluoride	353-50-4	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)*	2837-89-0
Carbonyl sulfide	463-58-1	Chlorothalonil	1897-45-6
Carbophenothion	786-19-6	4-Chloro-o-toluidine hydrochloride	3165-93-3
Carbosulfan	55285-14-8	p-Chloro-o-toluidine	95-69-2
Carboxin	5234-68-4	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)*	75-88-7
Catechol	120-80-9	Chlorotrifluoromethane (CFC-13)*	75-72-9
Chinomethionat	2349-01-2	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)*	460-35-5
Chloramben	133-90-4	Chloroxuron	1982-47-4
Chlorambucil	305-03-3	Chlorpyrifos (concentrations above 15%)	2921-88-2
Chlordane	57-74-9	Chlorpyrifos methyl	5598-13-0
Chlordane metabolites	*****	Chlorsulfuron	64902-72-3
Chlorendic acid	115-28-6	Chlorthiophos	21923-23-9
Chlorfenvinfos	470-90-6	Chromic acetate	1066-30-4
Chlorimuron ethyl	90982-32-4	Chromic acid	1333-82-0
Chlorinated benzenes	*****		1115-74-5
Chlorinated ethanes	*****	Chromic acid (H <sub>2</sub> CrO <sub>4</sub> )	7738-94-5
Chlorinated naphthalene	*****	Chromic chloride	10025-73-7
Chlorinated phenols	*****	Chromic(II) chloride	10049-05-5
Chlorine	7782-50-5	Chromic sulfate	10101-53-8
Chlorine dioxide	10049-04-4	Chromium	7440-47-3
Chlorine monoxide*	7791-21-1	Chromium compounds	*****
Chlormepfos	24934-91-6	Chrysene	218-01-9
Chlormequat chloride	999-81-5	Cobalt	7440-48-4
Chlornaphazine	494-03-1	Cobalt carbonyl	10210-68-1
Chloroacetaldehyde	107-20-0	Cobalt compounds	*****
Chloroacetic acid	79-11-8	Cobaltous bromide	7789-43-7
2-Chloroacetophenone	532-27-4	Cobaltous formate	544-18-3
Chloroalkyl ethers	*****	Cobaltous sulfamate	14017-41-5
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080-31-3	Coke oven emissions	*****
p-Chloroaniline	106-47-8	Colchicine	64-86-8
Chlorobenzene	108-90-7	Copper	7440-50-8
Chlorobenzilate	510-15-6	Copper compounds	*****
4-Chloro-m-cresol	59-50-7	Copper cyanide	544-92-3
3-Chloro-6-cyano-2-norbornanone-o-(methycarbamoyl)oxime	5271-41-7	Copper dimethyldithiocarbamate	137-29-1
Chlorodibromomethane	24-48-1	Coumaphos (concentrations above 5%)	56-72-4
1-Chloro-1,1-difluoroethane (HCFC-142b)*	75-68-3	Coumatetralyl	5836-29-3
Chlorodifluoromethane (HCFC-22)*	74-45-6	Creosote	8001-58-9
Chloroethane	75-00-3	p-Cresidine	120-71-8
2-Chloroethanesulfonyl chloride	1622-32-8	Cresol (mixed isomers)	1319-77-3
Chloroethanol	107-07-3	m-Cresol	108-39-4
Chloroethyl chloroformate	627-11-2	o-Cresol	95-48-7
2-Chloroethyl vinyl ether	110-75-8	p-Cresol	106-44-5
Chloroform	67-66-3	Crimidine	535-89-7
Chloromethyl methyl ether	107-30-2	Crotonaldehyde, (E)-	123-73-9
1-Chloromethyl-4-nitrobenzene	100-14-1	Crotonaldehyde	4170-30-3
3-Chloro-2-methyl-1-propene	563-47-3	Cumene	98-82-8
2-Chloronaphthalene	91-58-7	Cumene hydroperoxide	80-15-9
Chloropentafluoroethane (CFC-115)*	76-15-3	Cupferron	135-20-6
Chlorophacinone (concentrations 0.2% and above)	3691-35-8	Cupric acetate	142-71-2
o-Chlorophenol	95-57-8	Cupric acetoarsenite	12002-03-8
Chlorophenols	*****	Cupric chloride	7447-39-4
p-Chlorophenyl isocyanate	104-12-1	Cupric nitrate	3251-23-8
4-Chlorophenyl phenyl ether	7005-72-3	Cupric oxalate	5893-66-3
1-(o-Chlorophenyl)thiourea	5344-82-1		

Name	CAS Number	Name	CAS Number
Cupric sulfate	7758-98-7	Dichloran	99-30-9
Cupric sulfate, ammoniated	10380-29-7	p,p'-Dichlorodiphenylethane	3547-04-4
Cupric tartrate	815-82-7	Dichlorobenzene (mixed isomers)	25321-22-6
Cyanazine (concentrations above 30%)	21725-46-2	m-Dichlorobenzene	541-73-1
Cyanide	57-12-5	o-Dichlorobenzene	95-50-1
Cyanide compounds	****	p-Dichlorobenzene	106-46-7
Cyanogen	460-19-5	3,3'-Dichlorobenzidine	91-94-1
Cyanogen bromide	506-68-3	3,3'-Dichlorobenzidine dihydrochloride	612-83-9
Cyanogen chloride	506-77-4	3,3'-Dichlorobenzidine sulfate	64969-34-2
Cyanogen iodide	506-78-5	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE)	72-55-9
Cyanophos	2636-26-2	Dichlorobromomethane	75-27-4
Cyanuric fluoride	675-14-9	1,4-Dichloro-2-butene	764-41-0
Cycloate	1134-23-2	trans-1,4-Dichlorobutene	110-57-6
Cyclohexane	110-82-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)*	1649-08-7
1,4-Cyclohexane diisocyanate	2556-36-7	Dichlorodifluoromethane (CFC-12)*	75-71-8
Cyclohexanol	108-93-0	(trans-4)-Dichloro(4,4-dimethylzinc	58270-08-9
Cyclohexanone	108-94-1	5(((methylamino)carbonyl)oxy)imino)pentanenitrile)	
Cycloheximide	66-81-9	Dichlorodiphenyldichloroethane (DDD)	72-54-8
Cyclohexylamine	108-91-8	Dichlorodiphenyltrichloroethane (DDT)	50-29-3
2-Cyclohexyl-4,6-dinitrophenol	131-89-5	DDT metabolites	****
Cyclophosphamide	50-18-0	1,1-Dichloroethane	75-34-3
Cyclopropane*	75-19-4	1,2-Dichloroethanol acetate	10140-87-1
Cyclotetramethylenetetranitramine	2691-41-0	1,2-Dichloroethylene	540-59-0
Cyclotetramethylenetrinitramine	121-82-4	1,2-trans-Dichloroethylene	156-60-5
Cyfluthrin	68359-37-5	Dichloroethylenes (1,1-, and 1,2-Dichloroethylene)	****
Cyhalothrin	68085-85-8	Dichloroethyl ether	111-44-4
2,4-D 2-ethyl-4-methylpentyl ester	53404-37-8	1,1-Dichloro-1-fluoroethane (HCFC-141b)*	1717-00-6
Daunomycin	20830-81-3	Dichlorofluoromethane*	75-43-4
Dazomet	533-74-4	Dichloromethylphenylsilane	149-74-6
Dazomet, sodium salt	53404-60-7	Dichloropentafluoropropane*	127564-92-5
Decaborane(14)	17702-41-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)*	13474-88-9
Decabromodiphenyl oxide	1163-19-5	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)*	111512-56-2
Demeton	65-48-3	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)*	422-44-6
Desmedipham	13684-56-5	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)*	431-86-7
Dialifor	10311-84-9	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)*	507-55-1
Diallate	2303-16-4	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)*	136013-79-1
2,4-Diaminoanisole	615-05-4	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)*	128903-21-9
2,4-Diaminoanisole sulfate	39156-41-7	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)*	422-48-0
4,4'-Diaminodiphenyl ether	101-80-4	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)*	422-56-0
Diaminotoluene (mixed isomers)	25376-45-8	Dichlorophene	97-23-4
2,4-Diaminotoluene	95-80-7	2,4-Dichlorophenol	120-83-2
2,6-Diaminotoluene	823-40-5	2,6-Dichlorophenol	87-65-0
3,4-Diaminotoluene	496-72-0	2,4-Dichlorophenoxyacetic acid (2,4-D) (concentrations above 20%)	94-75-7
Diazinon (concentrations above 25%)	333-41-5	2,4-Dichlorophenoxyacetic acid butoxyethanol ester	1929-73-3
Diazodinitrophenol	87-31-0	(conc. above 20%)	
Diazomethane	334-88-3	2,4-Dichlorophenoxyacetic acid n-butyl ester	94-80-4
Dibasic lead stearate	56189-09-4	2,4-Dichlorophenoxyacetic acid sec-butyl ester	94-79-1
Dibenz(a,h)acridine	226-36-8	2,4-Dichlorophenoxyacetic acid chlorocrotyl ester	2971-38-2
Dibenz(a,j)acridine	224-42-0	2,4-D Esters	53467-11-1
Dibenzanthracene	53-70-3		
7H-Dibenzo(c,g)carbazole	194-59-2		
Dibenzo(a,e)fluoranthene	5385-75-1		
Dibenzofuran	132-64-9		
Dibenzo(a,e)pyrene	192-65-4		
Dibenzo(a,h)pyrene	189-64-0		
Dibenzopyrene	189-55-9		
Dibenzo(a,l)pyrene	191-30-0		
Diborane	19287-45-7		
1,2-Dibromo-3-chloropropane	96-12-8		
2,2-Dibromo-3-nitrilopropionamide	10222-01-2		
Dibromotetrafluoroethane (Halon 2402)	124-73-2		
N,N'-Dibutylhexamethylenediamine	4835-11-4		
Dibutyl phthalate	84-74-2		
Dicamba	1918-00-9		
Dichlobenil	94-65-6		
Dichlone	117-80-6		

Name	CAS Number	Name	CAS Number
2,4-Dichlorophenoxyacetic acid 2-ethylhexyl ester (concentrations above 20%)	1928-43-4	Diglycidyl resorcinol ether	101-90-6
2,4-Dichlorophenoxyacetic acid isooctyl ester (conc. above 20%)	25168-26-7	Digoxin	20830-75-5
2,4-Dichlorophenoxyacetic acid isopropyl ester	94-11-1	Dihydrosafrole	94-58-6
2,4-Dichlorophenoxyacetic acid methyl ester	1928-38-7	4,4'-Diisocyanatodiphenyl ether	4128-73-8
2,4-Dichlorophenoxyacetic acid propyl ester	1928-61-6	2,4'-Diisocyanatodiphenyl sulfide	75790-87-3
2,4-Dichlorophenoxyacetic acid propylene glycol butyl ether ester	1320-18-9	Dimefox	115-26-4
2,4-Dichlorophenoxyacetic acid sodium salt (conc. above 20%)	2702-72-9	Dimethipin	55290-64-7
4-(2,4-Dichlorophenoxy)butyric acid	94-82-6	Dimethoate (concentrations above 25%)	60-51-5
2-(2,4-Dichlorophenoxy)propionic acid	120-36-5	3,3'-Dimethoxybenzidine	119-90-4
Dichlorophenylarsine	696-28-6	3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0
Dichloropropane	26638-19-7	3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0
1,1-Dichloropropane	78-99-9	3,3'-Dimethoxybenzidine hydrochloride	111984-09-9
1,2-Dichloropropane	78-87-5	Dimethylamine	124-40-3
1,3-Dichloropropane	142-28-9	Dimethylamine dicamba	2300-66-5
trans-1,3-Dichloropropane	10061-02-6	4-Dimethylaminoazobenzene	60-11-7
Dichloropropane-Dichloropropene (mixture)	8003-19-8	2-(Dimethylamino-N-hydroxy-2-oxo)ethanimidothioic acid, methyl ester	30558-43-1
Dichloropropene(s) (mixtures)	26952-23-8	Dimethylaniline	121-69-7
1,3-Dichloropropene	542-75-6	7,12-Dimethylbenzanthracene	57-97-6
2,3-Dichloropropene	78-88-6	3,3'-Dimethylbenzidine	119-93-7
2,2-Dichloropropionic acid	75-99-0	Dimethylcarbonyl chloride	79-44-7
Dichlorotetrafluoroethane (CFC-114)	76-14-2	Dimethyldichlorosilane	75-78-5
Dichlorotrifluoroethane*	34077-87-7	3,3'-Dimethyl-4,4'-diphenylene diisocyanate	91-97-4
1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)*	812-04-4	3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate	139-25-3
Dichloro-1,1,2-trifluoroethane*	90454-18-5	O-(((2,4-Dimethyl-1,3-dithiolan-2-yl)methylene)amino) methyl carbamic acid	26419-73-8
1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)*	354-23-4	N,N-Dimethylformamide	68-12-2
2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)*	306-83-2	1,1-Dimethylhydrazine	57-14-7
4,5-Dichloro-2-(trifluoromethyl)benzimidazole	3615-21-2	1,2-Dimethylhydrazine	540-73-8
Dichlorosilane	4109-96-0	alpha,alpha-Dimethylphenethylamine	122-09-8
Dichlorvos (concentrations above 3%)	62-73-7	2,4-Dimethylphenol	105-67-9
Diclofop methyl	51338-27-3	2,6-Dimethylphenol	576-26-1
Dicofol	115-32-2	Dimethyl-p-phenylenediamine	99-98-9
Dicrotophos	141-66-2	Dimethyl phosphorochloridothioate	2524-03-0
Dicyclopentadiene	77-73-6	Dimethyl phthalate	131-11-3
Dieldrin	60-57-1	2,2-Dimethylpropane*	463-82-1
Diepoxybutane	1464-53-5	Dimethyl sulfate	77-78-1
Diethanolamine	111-42-2	Dimethyl sulfide	75-18-3
Diethyl ethyl	38727-55-8	Dimetilan	644-64-4
Diethylamine	109-89-7	Dinitrobenzene (mixed isomers)	25154-54-5
N,N-Diethylaniline	91-66-7	m-Dinitrobenzene	99-65-0
Diethylarsine	692-42-2	o-Dinitrobenzene	528-29-0
Diethylcarbamazine citrate	1642-54-2	p-Dinitrobenzene	100-25-4
Diethyl chlorophosphate	814-49-3	4,6-Dinitro-o-cresol	534-52-1
Diethyldiisocyanatobenzene	134190-37-7	Dinitroglucuril	55510-04-8
Diethylene glycol dicarbamate	5952-26-1	Dinitrophenol (mixed isomers)	25550-58-7
Diethyleneglycol dinitrate	693-21-0	2,4-Dinitrophenol	51-28-5
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	2,5-Dinitrophenol	329-71-5
1,2-Diethylhydrazine	1615-80-1	2,6-Dinitrophenol	573-56-8
O,O-Diethyl S-methyl dithiophosphate	3288-58-2	Dinitroresorcinol	35860-51-6
Diethyl-p-nitrophenyl phosphate	311-45-5	Dinitrotoluene (mixed isomers)	25321-14-6
Diethyl phthalate	84-66-2	2,4-Dinitrotoluene	121-14-2
Diethylstilbestrol	56-53-1	2,6-Dinitrotoluene	606-20-2
Diethyl sulfate	64-67-5	3,4-Dinitrotoluene	610-39-9
Diflubenuron	35367-38-5	Dinocap	39300-45-3
Difluoroethane	75-37-6	Dinoseb	88-85-7
Digitoxin	71-63-6	Dinoterb	1420-07-1
Diglycidyl ether	2238-07-5	Di-n-octyl phthalate	117-84-0
		1,4-Dioxane	123-91-1
		Dioxathion	78-34-2
		Diphacinone (concentrations above 3%)	82-66-6
		Diphenamid	957-51-7
		Diphenylamine	122-39-4
		1,2-Diphenylhydrazine	122-66-7
		Dipicryl sulfide	2217-06-3

Name	CAS Number	Name	CAS Number
Dipotassium endothall	2164-07-0	F001: The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures: (a) tetrachloroethylene; (b) trichloroethylene; (c) methylene chloride; (d) 1,1,1-trichloroethane; (e) carbon tetrachloride; (f) chlorinated fluorocarbons	*****
Dipropylamine	142-84-7	F002: The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures: (a) tetrachloroethylene; (b) methylene chloride; (c) trichloroethylene; (d) 1,1,1-trichloroethane; (e) chlorobenzene; (f) 1,1,2-trichloro-1,2,2-trifluoroethane; (g) o-dichlorobenzene; (h) trichlorofluoromethane; (i) 1,1,2-trichloroethane	*****
Dipropyl isocinchomeronate	136-45-8	F003: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) xylene; (b) acetone; (c) ethyl acetate; (d) ethylbenzene; (e) ethyl ether; (f) methyl isobutyl ketone; (g) n-butyl alcohol; (h) cyclohexanone; (i) methanol	*****
Diquat	2764-72-9	F004: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) cresols/cresylic acid; (b) nitrobenzene	*****
Diquat bromide	85-00-7	F005: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) toluene; (b) methyl ethyl ketone; (c) carbon disulfide; (d) isobutanol; (e) pyridine	*****
Disodium cyanodithioimidocarbonate	138-93-2	F006: Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.	*****
Disulfiram	97-77-8	F007: Spent cyanide plating bath solutions from electroplating operations.	*****
Disulfoton (concentrations above 2%)	298-04-4	F008: Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.	*****
Dithiazanine iodide	514-73-8	F009: Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	*****
Dithiobiuret	541-53-7	F010: Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	*****
Diuron	330-54-1		
Dodecylbenzenesulfonic acid	27176-87-0		
Dodine	2439-10-3		
Emetine dihydrochloride	316-42-7		
Endosulfan	115-29-7		
alpha-Endosulfan	959-98-8		
beta-Endosulfan	33213-65-9		
Endosulfan metabolites	*****		
Endosulfan sulfate	1031-07-8		
Endothall	145-73-3		
Endothion	2778-04-3		
Endrin	72-20-8		
Endrin aldehyde	7421-93-4		
Endrin metabolites	*****		
Epichlorohydrin	106-89-8		
Epinephrine	51-43-4		
EPN	2104-64-5		
Ergocalciferol	50-14-6		
Ergotamine tartrate	379-79-3		
Ethane*	74-84-0		
1,2-Ethanediybis(2-mercaptoethyl)carbamodithioic acid	111-54-6		
Ethion (concentrations above 6% granular and 3% other formulations)	563-12-2		
Ethoprophos	13194-48-4		
2-Ethoxyethanol	110-80-5		
Ethyl acetate	141-78-6		
Ethyl acetylene*	107-00-6		
Ethyl acrylate	140-88-5		
Ethylamine	75-04-7		
Ethylbenzene	100-41-4		
Ethylbis(2-chloroethyl)amine	538-07-8		
Ethyl chloroformate	541-41-3		
Ethyl-S-dimethylaminoethyl methylphosphonothiolate	50782-69-9		
Ethyl dipropylthiocarbamate (EPTC)	759-94-4		
Ethylene*	74-85-1		
Ethylenebisdithiocarbamic acid, salts and esters	*****		
N,N'-Ethylene bis(3-fluorosallylideneiminato)cobalt(II)	62207-76-5		
Ethylenediamine	107-15-3		
Ethylenediamine-tetraacetic acid (EDTA)	60-00-4		
Ethylene dibromide*	106-93-4		
Ethylene dichloride	107-06-2		
Ethylene fluorohydrin	371-62-0		
Ethylene glycol	107-21-1		
Ethylene oxide	75-21-8		
Ethylenimine	151-56-4		
Ethyl ether*	60-29-7		
Ethyl mercaptan	75-08-1		
Ethyl methacrylate	97-63-2		
Ethyl methanesulfonate	62-50-0		
Ethyl nitrite*	109-95-5		
Ethylthiocyanate	542-90-5		
Ethyl ziram	14324-55-1		

<u>Name</u>	<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>
F011: Spent cyanide solution from salt bath pot cleaning from metal heat treating operations.	*****	F026: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.	*****
F012: Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.	*****	F027: Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)	*****
F019: Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.	*****	F028: Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.	*****
F020: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)	*****	F032: Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drip-page, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with 40 CFR 261.35 or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e. F034 or F035), and where the generator does not resume or initiate the use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****
F021: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.	*****	F034: Wastewaters (except those that have not come into contact with the process contaminants), process residuals, preservative drip-page, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****
F022: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.	*****	F035: Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drip-page, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****
F023: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)	*****	F037: Petroleum refinery primary oil/water/solids separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily	*****
F024: Wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.32.)	*****		
F025: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	*****		

Name	CAS Number	Name	CAS Number
cooling wastewaters from petroleum refineries.	*****	Heptachlor epoxide	1024-57-3
F038: Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries.	*****	Heptachlor metabolites	*****
Famphur	52-85-7	Hexachlorobenzene	118-74-1
Fenbutatin oxide	13356-08-6	Hexachlorobutadiene	87-68-3
Fenamiphos	22224-92-6	Hexachlorocyclohexane (mixed isomers)	608-73-1
Fenarimol	60168-88-9	Hexachlorocyclopentadiene	77-47-4
Fenitrothion	122-14-5	Hexachloroethane	67-72-1
Fenoxaprop ethyl	66441-23-4	Hexachloronaphthalene	1335-87-1
Fenoxycarb	72490-01-8	Hexachlorophene	70-30-4
Fenpropathrin	39515-41-8	Hexachloropropene	1888-71-7
Fensulfothion	115-90-2	Hexaethyl tetraphosphate	757-58-4
Fenthion (conc. above 0.5%)	55-38-9	Hexamethylene-1,6-diisocyanate	822-06-0
Fenvalerate	51630-58-1	Hexamethylphosphoramide	680-31-9
Ferbam	14484-64-1	n-Hexane	110-54-3
Ferric ammonium citrate	1185-57-5	Hexanitrodiphenylamine	131-73-7
Ferric ammonium oxalate	2944-67-4	Hexanitrostilbene	20062-22-0
Ferric ammonium oxalate, unspecified hydrate	55488-87-4	Hexatonal, cast	*****
Ferric chloride	7705-08-0	Hexazinone	51235-04-2
Ferric fluoride	7783-50-8	Hydramethylnon	67485-29-4
Ferric nitrate	10421-48-4	Hydrazine	302-01-2
Ferric sulfate	10028-22-5	Hydrazine sulfate	10034-93-2
Ferrous ammonium sulfate	10045-89-3	Hydrogen*	1333-74-0
Ferrous chloride	7758-94-3	Hydrogen chloride	7647-01-0
Ferrous sulfate	7720-78-7	Hydrogen cyanide	74-90-8
Ferrous sulfate heptahydrate	7782-63-0	Hydrogen fluoride	7664-39-3
Flash powder	*****	Hydrogen peroxide (Conc. > 52%)	7722-84-1
Fluazifop butyl	69806-50-4	Hydrogen selenide	7783-07-5
Fluometuron	2164-17-2	Hydrogen sulfide	7783-06-4
Fluoranthene	206-44-0	Hydroquinone	123-31-9
Fluorene	86-73-7	Imazalil	35554-44-0
Fluorine	7782-41-4	2-Imidazolidinethione	96-45-7
Fluoroacetamide	640-19-7	Indeno(1,2,3-cd)pyrene	193-39-5
Fluoroacetic acid	144-49-0	3-Iodo-2-propynyl n-butylcarbamate	55406-53-6
Fluoroacetyl chloride	359-06-8	Iron pentacarbonyl	13463-40-6
Fluorouracil	51-21-8	Isobenzan	297-78-9
Fluvalinate	69409-94-5	Isobutyronitrile	78-82-0
Folpet	133-07-3	Isocyanic acid, 3,4-dichlorophenyl ester	102-36-3
Fomesafen	72178-02-0	Isodrin	465-73-6
Fonofos	944-22-9	Isfenphos	25311-71-1
Formaldehyde	50-00-0	Isofluorphate	55-91-4
Formaldehyde cyanohydrin	107-16-4	Isophorone	78-59-1
Formetanate hydrochloride	23422-53-9	Isophorone diisocyanate	4098-71-9
Formic acid	64-18-6	Isoprene*	78-79-5
Formothion	2540-82-1	Isopropanolamine dodecylbenzene sulfonate	42504-46-1
Formparanate	17702-57-7	Isopropyl alcohol	67-63-0
Fosthietan	21548-32-3	Isopropyl chloride*	75-29-6
Freon 113	76-13-1	Isopropyl chloroformate	108-23-6
Fuberidazole	3878-19-1	Isopropyl formate	625-55-8
Fumaric acid	110-17-8	Isopropylmethylpyrazolyl dimethylcarbamate	119-38-0
Furan	110-00-9	Isosafrole	120-58-1
Furfural	98-01-1	K001: Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.	*****
Gallium trichloride	13450-90-3	K002: Wastewater treatment sludge from the production of chrome yellow and orange pigments	*****
Glycidylaldehyde	765-34-4	K003: Wastewater treatment sludge from the production of molybdate orange pigments.	*****
Glycol ethers	*****	K004: Wastewater treatment sludge from the production of zinc yellow pigments.	*****
Guanyl nitrosaminoguanilylidene hydrazine	*****	K005: Wastewater treatment sludge from the production of chrome green pigments.	*****
Haloethers	*****	K006: Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).	*****
Halomethanes	*****		
Heptachlor	76-44-8		

<u>Name</u>	<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>
K007: Wastewater treatment sludge from the production of iron blue pigments.	*****	K035: Wastewater treatment sludges generated in the production of creosote.	*****
K008: Oven residue from the production of chrome oxide green pigments.	*****	K036: Still bottoms from toluene reclamation distillation in the production of disulfoton.	*****
K009: Distillation bottoms from the production of acetaldehyde from ethylene.	*****	K037: Wastewater treatment sludges from the production of disulfoton.	*****
K010: Distillation side cuts from the production of acetaldehyde from ethylene.	*****	K038: Wastewater from the washing and stripping of phorate production.	*****
K011: Bottom stream from the wastewater stripper in the production of acrylonitrile.	*****	K039: Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.	*****
K013: Bottom stream from the acetonitrile column in the production of acrylonitrile.	*****	K040: Wastewater treatment sludge from the production of phorate.	*****
K014: Bottoms from the acetonitrile purification column in the production of acrylonitrile.	*****	K041: Wastewater treatment sludge from the production of toxaphene.	*****
K015: Still bottoms from the distillation of benzyl chloride.	*****	K042: Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.	*****
K016: Heavy ends or distillation residues from the production of carbon tetrachloride.	*****	K043: 2,6-Dichlorophenol waste from the production of 2,4-D.	*****
K017: Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.	*****	K044: Wastewater treatment sludges from the manufacturing and processing of explosives.	*****
K018: Heavy ends from the fractionation column in ethyl chloride production.	*****	K045: Spent carbon from the treatment of wastewater containing explosives.	*****
K019: Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.	*****	K046: Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.	*****
K020: Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.	*****	K047: Pink/red water from TNT operations.	*****
K021: Aqueous spent antimony catalyst waste from fluoromethanes production.	*****	K048: Dissolved air flotation (DAF) float from the petroleum refining industry.	*****
K022: Distillation bottom tars from the production of phenol/acetone from cumene.	*****	K049: Slop oil emulsion solids from the petroleum refining industry.	*****
K023: Distillation light ends from the production of phthalic anhydride from naphthalene.	*****	K050: Heat exchanger bundle cleaning sludge from the petroleum refining industry.	*****
K024: Distillation bottoms from the production of phthalic anhydride from naphthalene.	*****	K051: API separator sludge from the petroleum refining industry.	*****
K025: Distillation bottoms from the production of nitrobenzene by the nitration of benzene.	*****	K052: Tank bottoms (leaded) from the petroleum refining industry.	*****
K026: Stripping still tails from the production of methyl ethyl pyridines.	*****	K060: Ammonia still lime sludge from coking operations.	*****
K027: Centrifuge and distillation residues from toluene diisocyanate production.	*****	K061: Emission control dust/sludge from the primary production of steel in electric furnaces.	*****
K028: Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.	*****	K062: Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).	*****
K029: Waste from the product steam stripper in the production of 1,1,1-trichloroethane.	*****	K064: Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production.	*****
K030: Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.	*****	K065: Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.	*****
K031: By-product salts generated in the production of MSMA and cacodylic acid.	*****	K066: Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.	*****
K032: Wastewater treatment sludge from the production of chlordane.	*****	K069: Emission control dust/sludge from secondary lead smelting.	*****
K033: Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.	*****	K071: Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.	*****
K034: Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.	*****	K073: Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.	*****

Name	CAS Number	Name	CAS Number
K083: Distillation bottoms from aniline extraction.	*****	K108: Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides	*****
K084: Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	*****	K109: Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	*****
K085: Distillation or fractionation column bottoms from the production of chlorobenzenes.	*****	K110: Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	*****
K086: Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.	*****	K111: Product washwaters from the production of dinitrotoluene via nitration of toluene.	*****
K087: Decanter tank tar sludge from coking operations.	*****	K112: Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****
K088: Spent potliners from primary aluminum reduction.	*****	K113: Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene	*****
K090: Emission control dust or sludge from ferrochromiumsilicon production.	*****	K114: Vicinals from the purification of toluenediamine in the production of dinitrotoluene.	*****
K091: Emission control dust or sludge from ferrochromium production.	*****	K115: Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****
K093: Distillation light ends from the production of phthalic anhydride from ortho-xylene.	*****	K116: Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.	*****
K094: Distillation bottoms from the production of phthalic anhydride from ortho-xylene.	*****	K117: Wastewater from the reactor vent gas scrubber in the production of ethylene bromide via bromination of ethene.	*****
K095: Distillation bottoms from the production of 1,1,1-trichloroethane.	*****	K118: Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.	*****
K096: Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.	*****	K123: Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.	*****
K097: Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.	*****	K124: Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.	*****
K098: Untreated process wastewater from the production of toxaphene.	*****	K125: Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.	*****
K099: Untreated wastewater from the production of 2,4-D.	*****	K126: Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts.	*****
K100: Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.	*****	K131: Wastewater from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide.	*****
K101: Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	*****	K132: Spent absorbent and wastewater solids from the production of methyl bromide.	*****
K102: Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	*****	K136: Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	*****
K103: Process residues from aniline extraction from the production of aniline.	*****		
K104: Combined wastewater streams generated from nitrobenzene/aniline production.	*****		
K105: Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.	*****		
K106: Wastewater treatment sludge from the mercury cell process in chlorine production.	*****		
K107: Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.	*****		

Name	CAS Number	Name	CAS Number
K141: Process related from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations.)	*****	K160: Solids (including filter wastes, separation solids, and spent catalysts) from the production of thiocarbamates and solids from the treatment of thiocarbamate wastes.	*****
K142: Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.	*****	K161: Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust, and floor sweepings from the production of dithiocarbamate acids and their salts (This listing does not include K125 or K126).	*****
K143: Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.	*****	Kepone	143-50-0
K144: Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products from coal.	*****	Lactofen	77501-63-4
K145: Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.	*****	Lactonitrile	78-97-7
K147: Tar storage tank residues from coal tar refining.	*****	Lasiocarpine	303-34-4
K148: Residues from coal tar distillation, including, but not limited to, still bottoms.	*****	Lead	7439-92-1
K149: Distillation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillation of benzyl chloride.)	*****	Lead acetate	301-04-2
K150: Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.	*****	Lead arsenate	7784-40-9
K151: Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.	*****	Lead arsenate, unspecified	10102-48-4
K156: Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.	*****	Lead azide	7645-25-2
K157: Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not include sludges derived from the treatment of these wastewaters).	*****	Lead chloride	13424-46-9
K158: Bag house dust and filter/separation solids from the production of carbamates and carbamoyl oximes.	*****	Lead compounds	7758-95-4
K159: Organics from the treatment of thiocarbamate wastes.	*****	Lead fluoborate	13814-96-5
		Lead fluoride	7783-46-2
		Lead iodide	10101-63-0
		Lead mononitroresorcinate	51317-24-9
		Lead nitrate	10099-74-8
		Lead phosphate	7446-27-7
		Lead stearate	7428-48-0
		Lead stearate dibasic	52652-59-2
		Lead stearate (stearic acid, lead(2+) salt)	1072-35-1
		Lead styphnate	63918-97-8
		Lead subacetate	1335-32-6
		Lead sulfate	7446-14-2
			15739-80-7
		Lead sulfide	1314-87-0
		Lead thiocyanate	592-87-0
		Leptophos	21609-90-5
		Lewisite	541-25-3
		Lindane (concentrations above 20%)	58-89-9
		Linuron	330-55-2
		Lithium carbonate	554-13-2
		Lithium chromate	14307-35-8
		Lithium hydride	7580-67-8
		Malathion	121-75-5
		Maleic acid	110-16-7
		Maleic anhydride	108-31-6
		Maleic hydrazide	123-33-1
		Malononitrile	109-77-3
		Maneb	12427-38-2
		Manganese	7439-96-5
		Manganese compounds	*****
		Manganese dimethyldithiocarbamate	15339-36-3
		Mannitol hexanitrate	15825-70-4
		Mecoprop	93-65-2
		Melphalan	148-82-3
		Mepfosfolan	950-10-7
		2-Mercaptobenzothiazole	149-30-4
		Mercaptodimethur	203-65-7
		Mercuric acetate	1600-27-7
		Mercuric chloride	7487-94-7
		Mercuric cyanide	592-04-1
		Mercuric nitrate	10045-94-0
		Mercuric oxide	21908-53-2
		Mercuric sulfate	7783-35-9
		Mercuric thiocyanate	592-85-8

Name	CAS Number	Name	CAS Number
Mercurous nitrate	7782-86-7	Methyl parathion	298-00-0
Mercury	10415-75-5	Methyl phenkapton	3735-23-7
Mercury compounds	7439-97-6	(2-Methylphenyl)thiourea	614-78-8
Mercury fulminate	****	Methyl phosphonic dichloride	676-97-1
Merphos	628-86-4	Methylphosphonothioic acid-O-ethyl O-(p-(methylthio)phenyl)ester	2703-13-1
Metaphosphoric acid, trisodium salt	150-50-5	Methylphosphonothioic acid-O-(4-nitrophenyl)-O-phenyl ester	2665-30-7
Methacrolein diacetate	7785-84-4	Methylpropene*	115-11-7
Methacrylic anhydride	10476-95-6	N-Methyl-2-pyrrolidone	872-50-4
Methacryloyl chloride	760-93-0	Methyl tert-butyl ether	1634-04-4
Methacryloyloxyethyl isocyanate	920-46-7	Methyl thiocyanate	556-64-9
Methamidophos	30674-80-7	Methylthiouracil	56-04-2
Metham sodium	10265-92-6	Methyltrichlorosilane	75-79-6
Methane*	137-42-8	Methyl vinyl ketone	78-94-4
Methanesulfonyl fluoride	74-82-8	2-Methyl-5-vinylpyridine	140-76-1
Methanol	558-25-8	Metiram	9006-42-2
Methapyrilene	67-56-1	Metolcarb	1129-41-5
Methazole	91-80-5	Metribuzin	21087-64-9
Methidathion	20354-26-1	Mevinphos	7786-34-7
Methiocarb (concentrations above 2%)	950-37-8	Mexacarbate (concentrations above 2%)	315-18-4
Methomyl	2032-65-7	Michler's ketone	90-94-8
Methoxone	16752-77-5	Mirex	2385-85-5
Methoxone sodium salt	94-74-6	Mitomycin C	50-07-7
Methoxychlor	3653-48-3	Molinate	2212-67-1
2-Methoxyethanol	72-43-5	Molybdenum trioxide	1313-27-5
Methoxyethylmercuric acetate	109-86-4	Monocrotophos	6923-22-4
Methyl acrylate	151-38-2	Monuron	150-68-5
Methylacrylonitrile	96-33-3	Muscimol	2763-96-4
Methylamine	126-98-7	Mustard gas	505-60-2
Methyl bromide	74-89-5	Myclobutanil	88671-89-0
1-Methylbutadiene	74-83-9	Nabam	142-59-6
2-Methyl-1-butene*	504-60-9	Naled	300-76-5
3-Methyl-1-butene*	563-46-2	Naphthalene	91-20-3
Methyl chloride	563-45-1	1,5-Naphthalene diisocyanate	3173-72-6
Methyl 2-chloroacrylate	74-87-3	1,4-Naphthalenedione	130-15-4
Methyl chloroformate	80-63-7	Naphthenic acid	1338-24-5
3-Methylcholanthrene	79-22-1	1-Naphthylamine	134-32-7
5-Methylchrysene	56-49-5	2-Naphthylamine	91-59-8
Methylcyclopentadienylmanganese tricarbonyl	3697-24-3	Nickel	7440-02-0
Methyl demeton (concentrations above 7%)	12108-13-3	Nickel ammonium sulfate	15699-18-0
Methyl demeton methyl	919-86-8	Nickel carbonyl	13463-39-3
4-Methyldiphenylmethane-3,4-diisocyanate	2587-90-8	Nickel chloride	37211-05-5
Methyl disulfide	75790-84-0	Nickel(II) chloride	7718-54-9
4,4'-Methylenebis(2-chloroaniline)	624-92-0	Nickel compounds	****
4,4'-Methylenebis(N,N-dimethyl)benzenamine	101-14-4	Nickel cyanide	557-19-7
1,1-Methylene bis(4-isocyanatocyclohexane)	101-61-1	Nickel hydroxide	12054-48-7
Methylenebis(phenylisocyanate)	5124-30-1	Nickel nitrate	14216-75-2
Methylene bromide	101-68-8	Nickel sulfate	7786-81-4
Methylene chloride	74-95-3	Nicotine	54-11-5
4,4'-Methylenedianiline	75-09-2	Nicotine salts	****
Methyl ether*	101-77-9	Nicotine sulfate	65-30-5
Methyl ethyl ketone	115-10-6	Nitrapyrin	1929-82-4
Methyl ethyl ketone peroxide	78-93-3	Nitrate compounds (water dissociable)	****
3-(1-Methylethyl)phenol methylcarbamate	1338-23-4	Nitric acid	7697-37-2
Methyl formate*	64-00-6	Nitric oxide	10102-43-9
Methyl hydrazine	107-31-3	Nitrioltriacetic acid	139-13-9
Methyl iodide	60-34-4	p-Nitroaniline	100-01-6
Methyl isobutyl ketone	74-88-4	5-Nitro-o-anisidine	99-59-2
Methyl isocyanate	108-10-1	Nitrobenzene	98-95-3
Methyl isothiocyanate	624-83-9	5-Nitrobenzotriazole	2338-12-7
Methyl mercaptan	556-61-6	4-Nitrobiphenyl	92-93-3
Methylmercuric dicyanamide	74-93-1	Nitrocellulose (dry or wetted with less than 25 percent water (or alcohol) by mass)	9004-70-0
Methyl methacrylate	502-39-6		
N-Methyl-N'-nitro-N-nitrosoguanidine	80-62-6		
N-Methylolacrylamide	70-25-7		
	924-42-5		

<u>Name</u>	<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>
Nitrocellulose (unmodified or plasticized with less than 18 percent plasticizing substance, by mass)	9004-70-0	Pentachloroethane	76-01-7
Nitrocyclohexane	1122-60-7	Pentachloronitrobenzene	82-68-8
Nitrofen	1836-75-5	Pentachlorophenol (concentrations above 5%)	87-86-5
Nitrogen dioxide	10102-44-0	Pentadecylamine	2570-26-5
Nitrogen mustard	51-75-2	Pentaerythrite tetranitrate	78-11-5
Nitrogen tetroxide	10544-72-6	Pentane*	109-66-0
Nitroglycerin	55-63-0	iso-Pentane*	78-78-4
Nitroguanidine	556-88-7	Pentasodium triphosphate	7758-29-4
Nitrophenol (mixed isomers)	25154-55-6	1-Pentene*	109-67-1
m-Nitrophenol	554-84-7	2-Pentene, (Z)-*	627-20-3
o-Nitrophenol	88-75-5	2-Pentene, (E)-*	646-04-8
p-Nitrophenol	100-02-7	Pentobarbital sodium	57-33-0
2-Nitropropane	79-46-9	Pentolite	8066-33-9
1-Nitropyrene	5522-43-0	Perchloromethylmercaptan	594-42-3
4-Nitropyridine 1-oxide	1124-33-0	Permethrin	52645-53-1
Nitrosamines	*****	Peroxyacetic acid	79-21-0
N-Nitrosodi-n-butylamine	924-16-3	Phenacetin	62-44-2
N-Nitrosodiethanolamine	1116-54-7	Phenanthrene	85-01-8
N-Nitrosodiethylamine	55-18-5	Phenol	108-95-2
N-Nitrosodimethylamine	62-75-9	Phenothrin	26002-80-2
p-Nitrosodimethylaniline	138-89-6	p-Phenylenediamine	106-50-3
N-Nitrosodiphenylamine	86-30-6	1,2-Phenylenediamine	95-54-5
p-Nitrosodiphenylamine	156-10-5	1,3-Phenylenediamine	108-45-2
N-Nitrosodi-n-propylamine	621-64-7	1,2-Phenylenediamine dihydrochloride	615-28-1
N-Nitroso-N-ethylurea	759-73-9	1,4-Phenylenediamine dihydrochloride	624-18-0
N-Nitroso-N-methylurea	684-93-5	1,3-Phenylene diisocyanate	123-61-5
N-Nitroso-N-methylurethane	615-53-2	1,4-Phenylene diisocyanate	104-49-4
N-Nitrosomethylvinylamine	4549-40-0	Phenyldiazine hydrochloride	59-88-1
N-Nitrosomorpholine	59-89-2	Phenylmercuric acetate	62-38-4
N-Nitrosornicotine	16543-55-8	2-Phenylphenol	90-43-7
N-Nitrosopiperidine	100-75-4	Phenylsilatrane	2097-19-0
N-Nitrosopyrrolidine	930-55-2	Phenylthiourea	103-85-5
Nitrostarch	9056-38-6	Phenytoin	57-41-0
Nitrotoluene (mixed isomers)	1321-12-6	Phorate	298-02-2
m-Nitrotoluene	99-08-1	Phosacetim	4104-14-7
o-Nitrotoluene	88-72-2	Phosfolan	947-02-4
p-Nitrotoluene	99-99-0	Phosgene	75-44-5
5-Nitro-o-toluidine	99-55-8	Phosmet (concentrations above 20%)	732-11-6
Nitrotriazolone	932-64-9	Phosphamidon	13171-21-6
Nitrourea	556-89-8	Phosphine	7803-51-2
Norbormide	991-42-4	Phosphoric acid	7664-38-2
Norflurazon	27314-13-2	Phosphoric acid, dimethyl 4-(methylthio) phenyl ester	3254-63-5
Octachloronaphthalene	2234-13-1	Phosphoric acid, disodium salt, dodecahydrate	10039-32-4
Octamethyl pyrophosphoramidate	152-16-9	Phosphoric acid, disodium salt, hydrate	10140-65-5
Organorhodium Complex (PMN-82-147)	*****	Phosphoric acid, trisodium salt, decahydrate	10361-89-4
Oryzalin	19044-88-3	Phosphorus	7723-14-0
Osmium tetroxide	20816-12-0	Phosphorus oxychloride	10025-87-3
Ouabain	630-60-4	Phosphorus pentachloride	10026-13-8
Oxamyl	23135-22-0	Phosphorus pentasulfide	1314-80-3
10,10'-Oxybisphenoxarsine	58-36-6	Phosphorus pentoxide	1314-56-3
Oxydemeton methyl	301-12-2	Phosphorus trichloride	7719-12-2
Oxydiazon	19666-30-9	Phthalate esters	*****
Oxydisulfoton	2497-07-6	Phthalic anhydride	85-44-9
Oxyfluorfen	42874-03-3	Physostigmine	57-47-6
Ozone	10028-15-6	Physostigmine salicylate (1:1)	57-64-7
Paraformaldehyde	30525-89-4	Picloram	1918-02-1
Paraldehyde	123-63-7	2-Picoline	109-06-8
Paraquat	1910-42-5	Picric acid	88-89-1
Paraquat methosulfate	2074-50-2	Picrotoxin	124-87-8
Parathion	56-38-2	Piperidine	110-89-4
Pebulate	1114-71-2	Piperonyl butoxide	51-03-6
Pendimethalin	40487-42-1	Piprotal	5281-13-0
Pentaborane	19624-22-7	Pirimifos-ethyl (concentrations above 20%)	23505-41-1
Pentachlorobenzene	608-93-5	Pirimiphos methyl	29232-93-7
		Polybrominated biphenyls	*****

Name	CAS Number	Name	CAS Number
Polychlorinated biphenyls (PCBs)	1336-36-3	Selenium	7782-49-2
Polymeric diphenylmethane diisocyanate	9016-87-9	Selenium compounds	*****
Polynuclear aromatic hydrocarbons	*****	Selenium dioxide	7446-08-4
Potassium arsenate	7784-41-0	Selenium oxychloride	7791-23-3
Potassium arsenite	10124-50-2	Selenium sulfide	7488-56-4
Potassium bichromate	7778-50-9	Selenium tetrakis(dimethyldithiocarbamate)	144-34-3
Potassium bromate	7758-01-2	Selenous acid	7783-00-8
Potassium chromate	7789-00-6	Semicarbazide hydrochloride	563-41-7
Potassium cyanide	151-50-8	Sethoxydim	74051-80-2
Potassium dimethyldithiocarbamate	128-03-0	Silane*	7803-62-5
Potassium hydroxide	1310-58-3	Silver	7440-22-4
Potassium n-hydroxymethyl-n-methyldithio- carbamate	51026-28-9	Silver compounds	*****
Potassium N-methyldithiocarbamate	137-41-7	Silver cyanide	506-64-9
Potassium permanganate	7722-64-7	Silver nitrate	7761-88-8
Potassium silver cyanide	506-61-6	Silvex	93-72-1
Powder cake	*****	Simazine	122-34-9
Powder, smokeless	*****	Sodium	7440-23-5
Profenofos	41198-08-7	Sodium arsenate	7631-89-2
Promecarb	2631-37-0	Sodium arsenite	7784-46-5
Prometryn	7287-19-6	Sodium azide (concentrations above 0.5%)	26628-22-8
Pronamide	23950-58-5	Sodium bichromate	10588-01-9
Propachlor	1918-16-7	Sodium bifluoride	1333-83-1
Propadiene*	463-49-0	Sodium bisulfite	7631-90-5
2-Propanamine	75-31-0	Sodium cacodylate	124-65-2
1-Propanamine	107-10-8	Sodium chromate	7775-11-3
Propane*	74-98-6	Sodium cyanide	143-33-9
1,3-Propane sultone	1120-71-4	Sodium dibutyldithiocarbamate	136-30-1
Propanil	709-98-8	Sodium dicamba	1982-69-0
Propargite	2312-35-8	Sodium diethyldithiocarbamate	148-18-5
Propargyl alcohol	107-19-7	Sodium dimethyldithiocarbamate	128-04-1
Propargyl bromide	106-96-7	Sodium dodecylbenzenesulfonate	25155-30-0
Propetamphos	31218-83-4	Sodium fluoride	7681-49-4
Propham	122-49-9	Sodium fluoroacetate	62-74-8
Propiconazole	60207-90-1	Sodium hexametaphosphate	10124-56-8
beta-Propiolactone	57-57-8	Sodium hydrosulfide	16721-80-5
Propionaldehyde	123-38-6	Sodium hydroxide	1310-73-2
Propionic acid	79-09-4	Sodium hypochlorite	7681-52-9
Propionic anhydride	123-62-6	Sodium hypochlorite, pentahydrate	10022-70-5
Propionitrile	107-12-0	Sodium methylate	124-41-4
Propoxur (concentrations above 2%)	114-26-1	Sodium nitrite	7632-00-0
Propyl chloroformate	109-61-5	Sodium pentachlorophenate	131-52-2
Propylene*	115-07-1	Sodium o-phenylphenoxide	132-27-4
Propyleneimine	75-55-8	Sodium phosphate dibasic	7558-79-4
Propylene oxide	75-56-9	Sodium selenate	13410-01-0
Propyne*	74-99-7	Sodium selenite	7782-82-3
Prosulfocarb	52888-80-9		10102-18-8
Prothoate	2275-18-5	Sodium tellurite	10102-20-2
Pyrene	129-00-0	Streptozotocin	18883-66-4
Pyrethrin I	121-21-1	Strobane	8001-50-1
Pyrethrin II	121-29-9	Strontium chromate	7789-06-2
Pyrethrum	8003-34-7	Strychnine	57-24-9
Pyridine	110-86-1	Strychnine salts	*****
Pyriminil	53558-25-1	Strychnine, sulfate	60-41-3
Quinoline	91-22-5	Styrene	100-42-5
Quinone	106-51-4	Styrene oxide	96-09-3
Quizalofop-ethyl	76578-14-8	Sulfallate	95-06-7
Radionuclides	*****	Sulfotep	3689-24-5
Reserpine	50-55-5	Sulfur chloride	12771-08-3
Resmethrin	10453-86-8	Sulfur dioxide	7446-09-5
Resorcinol	108-46-3	Sulfuric acid	7664-93-9
Saccharin	81-07-2		8014-95-7
Saccharin salts	*****	Sulfur tetrafluoride	7783-60-0
Safrole	94-59-7	Sulfur trioxide	7446-11-9
Salcomine	14167-18-1	Sulfuryl fluoride	2699-79-8
Sarin	107-44-8	Sulprofos	35400-43-2
		2,4,5-T amines	1319-72-8

Name	CAS Number	Name	CAS Number
	2008-46-0	Toluene diisocyanate (mixed isomers)	26471-62-5
	3813-14-7	Toluene-2,4-diisocyanate	584-84-9
	6369-96-6	Toluene-2,6-diisocyanate	91-08-7
	6369-97-7	o-Toluidine	95-53-4
2,4,5-T sodium salt	13560-99-1	p-Toluidine	106-49-0
Tabun	77-81-6	o-Toluidine hydrochloride	636-21-5
Tebuthiuron	34014-18-1	Toxaphene	8001-35-2
Tellurium	13494-80-9	Triadimefon	43121-43-3
Tellurium hexafluoride	7783-80-4	Triallate	2303-17-5
Temephos	3383-96-8	Triamiphos	1031-47-6
Terbacil	5902-51-2	Triaziquone	68-76-8
Terbufos	13071-79-9	Triazofos	24017-47-8
Tetrabutylthiuram disulfide	1634-02-2	Tribasic sodium phosphate dodecahydrate	10101-89-0
1,2,4,5-Tetrachlorobenzene	95-94-3	Tribenuron methyl	101200-48-0
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6	Tributyltin fluoride	1983-10-4
1,1,1,2-Tetrachloroethane	630-20-6	Tributyltin methacrylate	2155-70-6
1,1,2,2-Tetrachloroethane	79-34-5	S,S,S-Tributyltrithiophosphate	78-48-8
Tetrachloroethylene	127-18-4	Trichlorfon (concentrations above 15%)	52-68-6
1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)*	354-11-0	Trichloroacetaldehyde	75-87-6
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)*	354-14-3	Trichloroacetyl chloride	76-02-8
2,3,4,6-Tetrachlorophenol	58-90-2	1,2,4-Trichlorobenzene	120-82-1
Tetrachlorvinphos	961-11-5	Trichloro(chloromethyl)silane	1558-25-4
Tetracycline hydrochloride	64-75-5	Trichloro(dichlorophenyl)silane	27137-85-5
Tetraethyllead	78-00-2	1,1,1-Trichloroethane	71-55-6
Tetraethylpyrophosphate (TEPP)	107-49-3	1,1,2-Trichloroethane	79-00-5
Tetraethyltin	597-64-8	Trichloroethylene	79-01-6
Tetrafluoroethylene*	116-14-3	Trichloroethylsilane	115-21-9
Tetrahydrofuran	109-99-9	Trichlorofluoromethane (CFC-11)	75-69-4
Tetramethrin	7696-12-0	Trichloronate	327-98-0
Tetramethyllead	75-74-1	Trichlorophenol	25167-82-2
Tetramethylsilane*	75-76-3	2,3,4-Trichlorophenol	15950-66-0
Tetranitroaniline	53014-37-2	2,3,5-Trichlorophenol	933-78-8
Tetranitromethane	509-14-8	2,3,6-Trichlorophenol	933-75-5
Tetrazene	109-27-3	2,4,5-Trichlorophenol	95-95-4
Thallic oxide	1314-32-5	2,4,6-Trichlorophenol	88-06-2
Thallium	7440-28-0	3,4,5-Trichlorophenol	609-19-8
Thallium(I) acetate	563-68-8	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	93-76-5
Thallium compounds	*****	2,4,5-Trichlorophenoxyacetic acid butyl ester	93-79-8
Thallium(I) nitrate	10102-45-1	2,4,5-Trichlorophenoxyacetic acid 2-butyoxy-ethyl ester	2545-59-7
Thallium(I) selenide	12039-52-0	2,4,5-Trichlorophenoxyacetic acid 2-ethylhexyl ester	1928-47-8
Thallium sulfate	10031-59-1	2,4,5-Trichlorophenoxyacetic acid isooctyl ester	25168-15-4
Thallos carbonate	6533-73-9	2,4,5-Trichlorophenoxyacetic acid 1-methyl propyl ester	61792-07-2
Thallos chloride	7791-12-0	2-(2,4,5-Trichlorophenoxy)propanoic acid isooctyl ester	32534-95-5
Thallos malonate	2757-18-8	Trichlorophenylsilane	98-13-5
Thallos sulfate	7446-18-6	1,2,3-Trichloropropane	96-18-4
Thiabendazole	148-79-8	Trichlorosilane	10025-78-2
Thioacetamide	62-55-5	Triclopyr triethylammonium salt	57213-69-1
Thiobencarb	28249-77-6	Triethanolamine dodecylbenzene sulfonate	27323-41-7
2,2'-Thiobis(4-chloro-6-methyl)phenol	4418-66-0	Triethoxysilane	998-30-1
Thiocarbazine	2231-57-4	Triethylamine	121-44-8
4,4'-Thiodianiline	139-65-1	Trifluorochloethylene	79-38-9
Thiodicarb	59669-26-0	3-(Trifluoromethyl)benzenamine	98-16-8
Thiofanox	39196-18-4	Trifluralin	1582-09-8
Thionazin	297-97-2	Triforine	26644-46-2
Thiophanate ethyl	23564-06-9	Trimethylamine	75-50-3
Thiophanate methyl	23564-05-8	2,4,6-Trimethylaniline	88-05-1
Thiosemicarbazide	79-19-6	1,2,4-Trimethylbenzene	95-63-6
Thiourea	62-56-6	Trimethylchlorosilane	75-77-4
Thiram	137-26-8	2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0
Thorium dioxide	1314-20-1	2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5
Titanium tetrachloride	7550-45-0	Trimethylolpropane phosphite	824-11-3
o-Tolidine dihydrochloride	612-82-2	2,2,4-Trimethylpentane	540-84-1
o-Tolidine dihydrofluoride	41766-75-0		
Toluene	108-88-3		

Name	CAS Number
2,3,5-Trimethylphenyl methylcarbamate	2655-15-4
Trimethyltin chloride	1066-45-1
Trinitroaniline	26952-42-1
Trinitroanisole	606-35-9
Trinitrobenzenesulfonic acid	2508-19-2
1,3,5-Trinitrobenzene	99-35-4
Trinitrobenzoic acid	129-66-8
Trinitrochlorobenzene	28260-61-9
Trinitro-m-cresol	602-99-3
Trinitrofluorenone	25322-14-9
Trinitronaphthalene	55810-17-8
Trinitrophenetole	4732-14-3
Trinitrophenylmethylnitramine	479-45-8
Trinitroresorcinol	82-71-3
Trinitrotoluene	118-96-7
Triphenyltin chloride	639-58-7
Triphenyltin hydroxide (conc. above 10%)	76-87-9
Tris(2-chloroethyl)amine	555-77-1
Tris(2,3-dibromopropyl) phosphate	126-72-7
Trisodium phosphate	7601-54-9
Tritonal	54413-15-9
Trypan blue	72-57-1
Uracil mustard	66-75-1
Uranyl acetate	541-09-3
Uranyl nitrate	10102-06-4
Urea nitrate	36478-76-9
Urethane	124-47-0
Valinomycin	51-79-6
Vanadium (fume or dust)	2001-95-8
Vanadium pentoxide	7440-62-2
Vanadyl sulfate	1314-62-1
Vernolate	27774-13-6
Vinclozolin	1929-77-7
Vinyl acetate	50471-44-8
Vinyl acetylene*	108-05-4
Vinyl bromide	689-97-4
Vinyl chloride*	593-60-2
Vinyl ethyl ether*	75-01-4
Vinyl fluoride*	109-92-2
Vinylidene chloride*	75-02-5
Vinylidene fluoride*	75-35-4
Vinyl methyl ether*	75-38-7
Warfarin (concentrations above 3%)	107-25-5
Warfarin salts (concentrations above 3%)	81-81-2
Warfarin sodium	****
Xylene (mixed isomers)	129-06-6
m-Xylene	1330-20-7
o-Xylene	108-38-3
p-Xylene	95-47-6
Xylenol	106-42-3
2,6-Xylidine	1300-71-6
Xylylene dichloride	87-62-7
Zinc (fume or dust)	28347-13-9
Zinc acetate	7440-66-6
Zinc ammonium chloride (Zn.Cl4.2H4-N)	557-34-6
Zinc ammonium chloride (Zn.Cl5.3H4-N)	14639-97-5
Zinc ammonium chloride	14639-98-6
Zinc borate	52628-25-8
Zinc bromide	1332-07-6
Zinc carbonate	7699-45-8
Zinc chloride	3486-35-9
Zinc compounds	7646-85-7
Zinc cyanide	****
Zinc fluoride	557-21-1
Zinc formate	7783-49-5
Zinc hydrosulfite	557-41-5
Zinc nitrate	7779-86-4
	7779-88-6

Name	CAS Number
Zinc phenolsulfonate	127-82-2
Zinc phosphide (concentrations greater than 10%)	1314-84-7
Zinc silicofluoride	16871-71-9
Zinc sulfate	7733-02-0
Zineb	12122-67-7
Ziram	137-30-4
Zirconium nitrate	13746-89-9
Zirconium potassium fluoride	16923-95-8
Zirconium sulfate	14644-61-2
Zirconium tetrachloride	10026-11-6

LIST OF HAZARDOUS SUBSTANCES  
(Listed by CAS Number)

CAS Number	Name
*****	Antimony compounds
*****	Arsenic compounds
*****	Barium compounds
*****	Beryllium compounds
*****	Black powder
*****	Cadmium compounds
*****	Chlordane metabolites
*****	Chlorinated benzenes
*****	Chlorinated ethanes
*****	Chlorinated naphthalene
*****	Chlorinated phenols
*****	Chloroalkyl ethers
*****	Chlorophenols
*****	Chromium compounds
*****	Cobalt compounds
*****	Coke oven emissions
*****	Copper compounds
*****	Cyanide compounds
*****	DDT metabolites
*****	Dichloroethylenes (1,1-, and 1,2-Dichloroethylene)
*****	Endosulfan metabolites
*****	Endrin metabolites
*****	Ethylenebisdithiocarbamic acid, salts and esters
*****	F001: The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures: (a) tetrachloroethylene; (b) trichloroethylene; (c) methylene chloride; (d) 1,1,1-trichloroethane; (e) carbon tetrachloride; (f) chlorinated fluorocarbons
*****	F002: The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures: (a) tetrachloroethylene; (b) methylene chloride; (c) trichloroethylene; (d) 1,1,1-trichloroethane; (e) chlorobenzene; (f) 1,1,2-trichloro-1,2,2-trifluoroethane; (g) o-dichlorobenzene; (h) trichlorofluoromethane; (i) 1,1,2-trichloroethane

<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>	<u>Name</u>
*****	F003: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) xylene; (b) acetone; (c) ethyl acetate; (d) ethylbenzene; (e) ethyl ether; (f) methyl isobutyl ketone; (g) n-butyl alcohol; (h) cyclohexanone; (i) methanol	*****	F022: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
*****	F004: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) cresols/cresylic acid; (b) nitrobenzene	*****	F023: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
*****	F005: The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: (a) toluene; (b) methyl ethyl ketone; (c) carbon disulfide; (d) isobutanol; (e) pyridine	*****	F024: Wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.32.)
*****	F006: Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.	*****	F025: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.
*****	F007: Spent cyanide plating bath solutions from electroplating operations.	*****	F026: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
*****	F008: Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.	*****	F027: Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
*****	F009: Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	*****	F028: Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.
*****	F010: Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	*****	F032: Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drip-pate, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have
*****	F011: Spent cyanide solution from salt bath pot cleaning from metal heat treating operations.		
*****	F012: Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.		
*****	F019: Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.		
*****	F020: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)		
*****	F021: Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.		

<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>	<u>Name</u>
	had the F032 waste code deleted in accordance with 40 CFR 261.35 or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e. F034 or F035), and where the generator does not resume or initiate the use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****	K006: Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
*****	F034: Wastewaters (except those that have not come into contact with the process contaminants), process residuals, preservative drip-page, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****	K007: Wastewater treatment sludge from the production of iron blue pigments.
*****	F035: Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drip-page, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	*****	K008: Oven residue from the production of chrome oxide green pigments.
*****	F037: Petroleum refinery primary oil/water/solids separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries.	*****	K009: Distillation bottoms from the production of acetaldehyde from ethylene.
*****	F038: Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries.	*****	K010: Distillation side cuts from the production of acetaldehyde from ethylene.
*****	Flash powder	*****	K011: Bottom stream from the wastewater stripper in the production of acrylonitrile.
*****	Glycol ethers	*****	K013: Bottom stream from the acetonitrile column in the production of acrylonitrile.
*****	Guanyl nitrosaminoguanylidene hydrazine	*****	K014: Bottoms from the acetonitrile purification column in the production of acrylonitrile.
*****	Haloethers	*****	K015: Still bottoms from the distillation of benzyl chloride.
*****	Halomethanes	*****	K016: Heavy ends or distillation residues from the production of carbon tetrachloride.
*****	Heptachlor metabolites	*****	K017: Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
*****	Hexatol, cast	*****	K018: Heavy ends from the fractionation column in ethyl chloride production.
*****	K001: Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.	*****	K019: Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
*****	K002: Wastewater treatment sludge from the production of chrome yellow and orange pigments.	*****	K020: Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
*****	K003: Wastewater treatment sludge from the production of molybdate orange pigments.	*****	K021: Aqueous spent antimony catalyst waste from fluoromethanes production.
*****	K004: Wastewater treatment sludge from the production of zinc yellow pigments.	*****	K022: Distillation bottom tars from the production of phenol/acetone from cumene.
*****	K005: Wastewater treatment sludge from the production of chrome green pigments.	*****	K023: Distillation light ends from the production of phthalic anhydride from naphthalene.
		*****	K024: Distillation bottoms from the production of phthalic anhydride from naphthalene.
		*****	K025: Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
		*****	K026: Stripping still tails from the production of methyl ethyl pyridines.
		*****	K027: Centrifuge and distillation residues from toluene diisocyanate production.
		*****	K028: Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
		*****	K029: Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
		*****	K030: Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
		*****	K031: By-product salts generated in the production of MSMA and cacodylic acid.
		*****	K032: Wastewater treatment sludge from the production of chlordane.
		*****	K033: Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.

<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>	<u>Name</u>
*****	K034: Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.	*****	K073: Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
*****	K035: Wastewater treatment sludges generated in the production of creosote.	*****	K083: Distillation bottoms from aniline extraction.
*****	K036: Still bottoms from toluene reclamation distillation in the production of disulfoton.	*****	K084: Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
*****	K037: Wastewater treatment sludges from the production of disulfoton.	*****	K085: Distillation or fractionation column bottoms from the production of chlorobenzenes.
*****	K038: Wastewater from the washing and stripping of phorate production.	*****	K086: Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.
*****	K039: Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.	*****	K087: Decanter tank tar sludge from coking operations.
*****	K040: Wastewater treatment sludge from the production of phorate.	*****	K088: Spent potliners from primary aluminum reduction.
*****	K041: Wastewater treatment sludge from the production of toxaphene.	*****	K090: Emission control dust or sludge from ferrochromiumsilicon production.
*****	K042: Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.	*****	K091: Emission control dust or sludge from ferrochromium production.
*****	K043: 2,6-Dichlorophenol waste from the production of 2,4-D.	*****	K093: Distillation light ends from the production of phthalic anhydride from ortho-xylene.
*****	K044: Wastewater treatment sludges from the manufacturing and processing of explosives.	*****	K094: Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
*****	K045: Spent carbon from the treatment of wastewater containing explosives.	*****	K095: Distillation bottoms from the production of 1,1,1-trichloroethane.
*****	K046: Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.	*****	K096: Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
*****	K047: Pink/red water from TNT operations.	*****	K097: Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
*****	K048: Dissolved air flotation (DAF) float from the petroleum refining industry.	*****	K098: Untreated process wastewater from the production of toxaphene.
*****	K049: Slop oil emulsion solids from the petroleum refining industry.	*****	K099: Untreated wastewater from the production of 2,4-D.
*****	K050: Heat exchanger bundle cleaning sludge from the petroleum refining industry.	*****	K100: Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
*****	K051: API separator sludge from the petroleum refining industry.	*****	K101: Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
*****	K052: Tank bottoms (leaded) from the petroleum refining industry.	*****	K102: Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
*****	K060: Ammonia still lime sludge from coking operations.	*****	K103: Process residues from aniline extraction from the production of aniline.
*****	K061: Emission control dust/sludge from the primary production of steel in electric furnaces.	*****	K104: Combined wastewater streams generated from nitrobenzene/aniline production.
*****	K062: Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).	*****	K105: Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
*****	K064: Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production.	*****	K106: Wastewater treatment sludge from the mercury cell process in chlorine production.
*****	K065: Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.		
*****	K066: Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.		
*****	K069: Emission control dust/sludge from secondary lead smelting.		
*****	K071: Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.		

<u>CAS Number</u>	<u>Name</u>	<u>CAS Number</u>	<u>Name</u>
*****	K107: Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.	*****	K136: Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
*****	K108: Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	*****	K141: Process related from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations.)
*****	K109: Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	*****	K142: Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.
*****	K110: Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	*****	K143: Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
*****	K111: Product washwaters from the production of dinitrotoluene via nitration of toluene.	*****	K144: Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products from coal.
*****	K112: Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****	K145: Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
*****	K113: Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****	K147: Tar storage tank residues from coal tar refining.
*****	K114: Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****	K148: Residues from coal tar distillation, including, but not limited to, still bottoms.
*****	K115: Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.	*****	K149: Distillation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillation of benzyl chloride.)
*****	K116: Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.	*****	K150: Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
*****	K117: Wastewater from the reactor vent gas scrubber in the production of ethylene bromide via bromination of ethene.	*****	K151: Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
*****	K118: Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.	*****	K156: Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.
*****	K123: Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenbisdithiocarbamic acid and its salts.	*****	K157: Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes (This listing does not include sludges derived from the treatment of these wastewaters).
*****	K124: Reactor vent scrubber water from the production of ethylenbisdithiocarbamic acid and its salts.		
*****	K125: Filtration, evaporation, and centrifugation solids from the production of ethylenbisdithiocarbamic acid and its salts.		
*****	K126: Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenbisdithiocarbamic acid and its salts.		
*****	K131: Wastewater from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide.		
*****	K132: Spent absorbent and wastewater solids from the production of methyl bromide.		

CAS Number	Name	CAS Number	Name
*****	K158: Bag house dust and filter/separation solids from the production of carbamates and carbamoyl oximes.	56-49-5	3-Methylcholanthrene
*****	K159: Organics from the treatment of thiocarbamate wastes.	56-53-1	Diethylstilbestrol
*****	K160: Solids (including filter wastes, separation solids, and spent catalysts) from the production of thiocarbamates and solids from the treatment of thiocarbamate wastes.	56-55-3	Benzantracene
*****	K161: Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust, and floor sweepings from the production of dithiocarbamate acids and their salts (This listing does not include K125 or K126).	56-72-4	Coumaphos (concentrations above 5%)
*****	Lead compounds	57-12-5	Cyanide
*****	Manganese compounds	57-14-7	1,1-Dimethylhydrazine
*****	Mercury compounds	57-24-9	Strychnine
*****	Nickel compounds	57-33-0	Pentobarbital sodium
*****	Nicotine salts	57-41-0	Phenytoin
*****	Nitrate compounds (water dissociable)	57-47-6	Physostigmine
*****	Nitrosamines	57-57-8	beta-Propiolactone
*****	Organorhodium Complex (PMN-82-147)	57-64-7	Physostigmine salicylate (1:1)
*****	Phthalate esters	57-74-9	Chlordane
*****	Polybrominated biphenyls	57-97-6	7,12-Dimethylbenzantracene
*****	Polynuclear aromatic hydrocarbons	58-36-6	10,10'-Oxybisphenoxarsine
*****	Powder cake	58-89-9	Lindane (concentrations above 20%)
*****	Powder, smokeless	58-90-2	2,3,4,6-Tetrachlorophenol
*****	Radionuclides	59-50-7	4-Chloro-m-cresol
*****	Saccharin salts	59-88-1	Phenylhydrazine hydrochloride
*****	Selenium compounds	59-89-2	N-Nitrosomorpholine
*****	Silver compounds	60-00-4	Ethylenediamine-tetraacetic acid (EDTA)
*****	Strychnine salts	60-09-3	4-Aminoazobenzene
*****	Thallium compounds	60-11-7	4-Dimethylaminoazobenzene
*****	Warfarin salts (concentrations above 3%)	60-29-7	Ethyl ether*
*****	Zinc compounds	60-34-4	Methyl hydrazine
50-00-0	Formaldehyde	60-35-5	Acetamide
50-07-7	Mitomycin C	60-41-3	Strychnine, sulfate
50-14-6	Ergocalciferol	60-51-5	Dimethoate (concentrations above 25%)
50-18-0	Cyclophosphamide	60-57-1	Dieldrin
50-29-3	Dichlorodiphenyltrichloroethane (DDT)	61-82-5	Amitrole
50-32-8	Benzopyrene	62-38-4	Phenylmercuric acetate
50-55-5	Reserpine	62-44-2	Phenacetin
51-03-6	Piperonyl butoxide	62-50-0	Ethyl methanesulfonate
51-21-8	Fluorouracil	62-53-3	Aniline
51-28-5	2,4-Dinitrophenol	62-55-5	Thioacetamide
51-43-4	Epinephrine	62-56-6	Thiourea
51-75-2	Nitrogen mustard	62-73-7	Dichlorvos (concentrations above 3%)
51-79-6	Urethane	62-74-8	Sodium fluoroacetate
51-83-2	Carbachol chloride	62-75-9	N-Nitrosodimethylamine
52-51-7	Bronopol	63-25-2	Carbaryl
52-68-6	Trichlorfon (concentrations above 15%)	64-00-6	3-(1-Methylethyl)phenol methylcarbamate
52-85-7	Famphur	64-18-6	Formic acid
53-70-3	Dibenzanthracene	64-19-7	Acetic acid
53-96-3	2-Acetylaminofluorene	64-67-5	Diethyl sulfate
54-11-5	Nicotine	64-75-5	Tetracycline hydrochloride
54-62-6	Aminopterin	64-86-8	Colchicine
55-18-5	N-Nitrosodiethylamine	65-30-5	Nicotine sulfate
55-21-0	Benzamide	65-85-0	Benzoic acid
55-38-9	Fenthion (conc. above 0.5%)	66-75-1	Uracil mustard
55-63-0	Nitroglycerin	66-81-9	Cycloheximide
55-91-4	Isofluorophate	67-56-1	Methanol
56-04-2	Methylthiouracil	67-63-0	Isopropyl alcohol
56-23-5	Carbon tetrachloride	67-64-1	Acetone
56-25-7	Cantharidin	67-66-3	Chloroform
56-38-2	Parathion	67-72-1	Hexachloroethane
		68-12-2	N,N-Dimethylformamide
		68-76-8	Triaziquone
		70-25-7	N-Methyl-N'-nitro-N-nitrosoguanidine
		70-30-4	Hexachlorophene
		70-69-9	p-Aminopropiophenone
		71-36-3	n-Butyl alcohol
		71-43-2	Benzene
		71-55-6	1,1,1-Trichloroethane
		71-63-6	Digitoxin
		72-20-8	Endrin
		72-43-5	Methoxychlor

CAS Number	Name	CAS Number	Name
72-54-8	Dichlorodiphenyldichloroethane (DDD)	76-06-2	Chloropicrin
72-55-9	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene (DDE)	76-13-1	Freon 113
72-57-1	Trypan blue	76-14-2	Dichlorotetrafluoroethane (CFC-114)
74-45-6	Chlorodifluoromethane (HCFC-22)*	76-15-3	Chloropentafluoroethane (CFC-115)*
74-82-8	Methane*	76-44-8	Heptachlor
74-83-9	Methyl bromide	76-87-9	Triphenyltin hydroxide (conc. above 10%)
74-84-0	Ethane*	77-47-4	Hexachlorocyclopentadiene
74-85-1	Ethylene*	77-73-6	Dicyclopentadiene
74-86-2	Acetylene*	77-78-1	Dimethyl sulfate
74-87-3	Methyl chloride	77-81-6	Tabun
74-88-4	Methyl iodide	78-00-2	Tetraethyllead
74-89-5	Methylamine	78-11-5	Pentaerythrite tetranitrate
74-90-8	Hydrogen cyanide	78-34-2	Dioxathion
74-93-1	Methyl mercaptan	78-48-8	S,S,S-Tributyltrithiophosphate
74-95-3	Methylene bromide	78-53-5	Amiton
74-98-6	Propane*	78-59-1	Isophorone
74-99-7	Propyne*	78-71-7	3,3-Bis(chloromethyl)oxetane
75-00-3	Chloroethane	78-78-4	iso-Pentane*
75-01-4	Vinyl chloride*	78-79-5	Isoprene*
75-02-5	Vinyl fluoride*	78-81-9	iso-Butylamine
75-04-7	Ethylamine	78-82-0	Isobutyronitrile
75-05-8	Acetonitrile	78-83-1	iso-Butyl alcohol
75-07-0	Acetaldehyde	78-84-2	iso-Butyraldehyde
75-08-1	Ethyl mercaptan	78-87-5	1,2-Dichloropropane
75-09-2	Methylene chloride	78-88-6	2,3-Dichloropropene
75-15-0	Carbon disulfide	78-92-2	sec-Butyl alcohol
75-18-3	Dimethyl sulfide	78-93-3	Methyl ethyl ketone
75-19-4	Cyclopropane*	78-94-4	Methyl vinyl ketone
75-20-7	Calcium carbide	78-97-7	Lactonitrile
75-21-8	Ethylene oxide	78-99-9	1,1-Dichloropropane
75-25-2	Bromoform	79-00-5	1,1,2-Trichloroethane
75-27-4	Dichlorobromomethane	79-01-6	Trichloroethylene
75-28-5	iso-Butane*	79-06-1	Acrylamide
75-29-6	Isopropyl chloride*	79-09-4	Propionic acid
75-31-0	2-Propanamine	79-10-7	Acrylic acid
75-34-3	1,1-Dichloroethane	79-11-8	Chloroacetic acid
75-35-4	Vinylidene chloride*	79-19-6	Thiosemicarbazide
75-36-5	Acetyl chloride	79-21-0	Peroxyacetic acid
75-37-6	Difluoroethane	79-22-1	Methyl chloroformate
75-38-7	Vinylidene fluoride*	79-31-2	iso-Butyric acid
75-43-4	Dichlorodifluoromethane*	79-34-5	1,1,2,2-Tetrachloroethane
75-44-5	Phosgene	79-38-9	Trifluorochloroethylene
75-50-3	Trimethylamine	79-44-7	Dimethylcarbamyl chloride
75-55-8	Propyleneimine	79-46-9	2-Nitropropane
75-56-9	Propylene oxide	80-05-7	Bisphenol A
75-60-5	Cacodylic acid	80-15-9	Cumene hydroperoxide
75-63-8	Bromotrifluoromethane (Halon 1301)	80-62-6	Methyl methacrylate
75-64-9	tert-Butylamine	80-63-7	Methyl 2-chloroacrylate
75-65-0	tert-Butyl alcohol	81-07-2	Saccharin
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)*	81-81-2	Warfarin (concentrations above 3%)
75-69-4	Trichlorofluoromethane (CFC-11)	81-88-9	C.I. Food Red 15
75-71-8	Dichlorodifluoromethane (CFC-12)*	82-28-0	1-Amino-2-methylantraquinone
75-72-9	Chlorotrifluoromethane (CFC-13)*	82-66-6	Diphacinone (concentrations above 3%)
75-74-1	Tetramethyllead	82-68-8	Pentachloronitrobenzene
75-76-3	Tetramethylsilane*	82-71-3	Trinitroresorcinol
75-77-4	Trimethylchlorosilane	83-32-9	Acenaphthene
75-78-5	Dimethyldichlorosilane	84-66-2	Diethyl phthalate
75-79-6	Methyltrichlorosilane	84-74-2	Dibutyl phthalate
75-86-5	Acetone cyanohydrin	85-00-7	Diquat bromide
75-87-6	Trichloroacetaldehyde	85-01-8	Phenanthrene
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)*	85-44-9	Phthalic anhydride
75-99-0	2,2-Dichloropropionic acid	85-68-7	Butyl benzyl phthalate
76-01-7	Pentachloroethane	86-30-6	N-Nitrosodiphenylamine
76-02-8	Trichloroacetyl chloride	86-50-0	Azinphos-methyl
		86-73-7	Fluorene
		86-88-4	ANTU (concentrations above 4%)

CAS Number	Name	CAS Number	Name
87-31-0	Diazodinitrophenol	97-77-8	Disulfiram
87-62-7	2,6-Xylidine	98-01-1	Furfural
87-65-0	2,6-Dichlorophenol	98-05-5	Benzene arsonic acid
87-68-3	Hexachlorobutadiene	98-07-7	Benzotrichloride
87-86-5	Pentachlorophenol (concentrations above 5%)	98-09-9	Benzenesulfonyl chloride
88-05-1	2,4,6-Trimethylaniline	98-13-5	Trichlorophenylsilane
88-06-2	2,4,6-Trichlorophenol	98-16-8	3-(Trifluoromethyl)benzenamine
88-72-2	o-Nitrotoluene	98-82-8	Cumene
88-75-5	o-Nitrophenol	98-86-2	Acetophenone
88-85-7	Dinoseb	98-87-3	Benzal chloride
88-89-1	Picric acid	98-88-4	Benzoyl chloride
90-04-0	o-Anisidine	98-95-3	Nitrobenzene
90-43-7	2-Phenylphenol	99-08-1	m-Nitrotoluene
90-94-8	Michler's ketone	99-30-9	Dichloran
91-08-7	Toluene-2,6-diisocyanate	99-35-4	1,3,5-Trinitrobenzene
91-20-3	Naphthalene	99-55-8	5-Nitro-o-toluidine
91-22-5	Quinoline	99-59-2	5-Nitro-o-anisidine
91-58-7	2-Chloronaphthalene	99-65-0	m-Dinitrobenzene
91-59-8	2-Naphthylamine	99-98-9	Dimethyl-p-phenylenediamine
91-66-7	N,N-Diethylaniline	99-99-0	p-Nitrotoluene
91-80-5	Methapyrilene	100-01-6	p-Nitroaniline
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate	100-02-7	p-Nitrophenol
91-94-1	3,3'-Dichlorobenzidine	100-14-1	1-Chloromethyl-4-nitrobenzene
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate	100-25-4	p-Dinitrobenzene
92-52-4	Biphenyl	100-41-4	Ethylbenzene
92-67-1	4-Aminobiphenyl	100-42-5	Styrene
92-87-5	Benzidine	100-44-7	Benzyl chloride
92-93-3	4-Nitrobiphenyl	100-47-0	Benzonitrile
93-65-2	Mecoprop	100-75-4	N-Nitrosopiperidine
93-72-1	Silvex	101-05-3	Anilazine
93-76-5	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	101-14-4	4,4'-Methylenebis(2-chloroaniline)
93-79-8	2,4,5-Trichlorophenoxyacetic acid butyl ester	101-27-9	Barban
94-11-1	2,4-Dichlorophenoxyacetic acid isopropyl ester	101-55-3	4-Bromophenyl phenyl ether
94-36-0	Benzoyl peroxide	101-61-1	4,4'-Methylenebis(N,N-dimethyl)benzenamine
94-58-6	Dihydrosafrole	101-68-8	Methylenebis(phenylisocyanate)
94-59-7	Safrole	101-77-9	4,4'-Methylenedianiline
94-74-6	Methoxone	101-80-4	4,4'-Diaminodiphenyl ether
94-75-7	2,4-Dichlorophenoxyacetic acid (2,4-D) (concentrations above 20%)	101-90-6	Diglycidyl resorcinol ether
94-79-1	2,4-Dichlorophenoxyacetic acid sec-butyl ester	102-36-3	Isocyanic acid, 3,4-dichlorophenyl ester
94-80-4	2,4-Dichlorophenoxyacetic acid n-butyl ester	103-23-1	Bis(2-ethylhexyl) adipate
94-82-6	4-(2,4-Dichlorophenoxy)butyric acid	103-85-5	Phenylthiourea
95-06-7	Sulfallate	104-12-1	p-Chlorophenyl isocyanate
95-47-6	o-Xylene	104-49-4	1,4-Phenylene diisocyanate
95-48-7	o-Cresol	104-94-9	p-Anisidine
95-50-1	o-Dichlorobenzene	105-46-4	sec-Butyl acetate
95-53-4	o-Toluidine	105-60-2	Caprolactam
95-54-5	1,2-Phenylenediamine	105-67-9	2,4-Dimethylphenol
95-57-8	o-Chlorophenol	106-42-3	p-Xylene
95-63-6	1,2,4-Trimethylbenzene	106-44-5	p-Cresol
95-69-2	p-Chloro-o-toluidine	106-46-7	p-Dichlorobenzene
95-80-7	2,4-Diaminotoluene	106-47-8	p-Chloroaniline
95-94-3	1,2,4,5-Tetrachlorobenzene	106-49-0	p-Toluidine
95-95-4	2,4,5-Trichlorophenol	106-50-3	p-Phenylenediamine
96-09-3	Styrene oxide	106-51-4	Quinone
96-12-8	1,2-Dibromo-3-chloropropane	106-88-7	1,2-Butylene oxide
96-18-4	1,2,3-Trichloropropane	106-89-8	Epichlorohydrin
96-33-3	Methyl acrylate	106-93-4	Ethylene dibromide*
96-45-7	2-Imidazolidinethione	106-96-7	Propargyl bromide
97-18-7	Bithionol	106-97-8	Butane*
97-23-4	Dichlorophene	106-98-9	1-Butene*
97-56-3	C.I. Solvent Yellow 3	106-99-0	1,3-Butadiene
97-63-2	Ethyl methacrylate	107-00-6	Ethyl acetylene*
97-74-5	Bis(dimethylthiocarbamoyl) sulfide	107-01-7	2-Butene*
		107-02-8	Acrolein
		107-05-1	Allyl chloride

CAS Number	Name	CAS Number	Name
107-06-2	Ethylene dichloride	115-10-6	Methyl ether*
107-07-3	Chloroethanol	115-11-7	Methylpropene*
107-10-8	1-Propanamine	115-21-9	Trichloroethylsilane
107-11-9	Allyl amine	115-26-4	Dimefox
107-12-0	Propionitrile	115-28-6	Chlorendic acid
107-13-1	Acrylonitrile	115-29-7	Endosulfan
107-15-3	Ethylenediamine	115-32-2	Dicofol
107-16-4	Formaldehyde cyanohydrin	115-90-2	Fensulfothion
107-18-6	Allyl alcohol	116-06-3	Aldicarb
107-19-7	Propargyl alcohol	116-14-3	Tetrafluoroethylene*
107-20-0	Chloroacetaldehyde	117-79-3	2-Aminoanthraquinone
107-21-1	Ethylene glycol	117-80-6	Dichlone
107-25-5	Vinyl methyl ether*	117-81-7	Di(2-ethylhexyl)phthalate (DEHP)
107-30-2	Chloromethyl methyl ether	117-84-0	Di-n-octyl phthalate
107-31-3	Methyl formate*	118-74-1	Hexachlorobenzene
107-44-8	Sarin	118-96-7	Trinitrotoluene
107-49-3	Tetraethylpyrophosphate (TEPP)	119-38-0	Isopropylmethylpyrazolyl dimethylcarbamate
107-92-6	Butyric acid	119-90-4	3,3'-Dimethoxybenzidine
108-05-4	Vinyl acetate	119-93-7	3,3'-Dimethylbenzidine
108-10-1	Methyl isobutyl ketone	120-12-7	Anthracene
108-23-6	Isopropyl chloroformate	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid
108-24-7	Acetic anhydride	120-54-7	Bis(pentamethylene)thiuram tetrasulfide
108-31-6	Maleic anhydride	120-58-1	Isosafrole
108-38-3	m-Xylene	120-71-8	p-Cresidine
108-39-4	m-Cresol	120-80-9	Catechol
108-45-2	1,3-Phenylenediamine	120-82-1	1,2,4-Trichlorobenzene
108-46-3	Resorcinol	120-83-2	2,4-Dichlorophenol
108-60-1	Bis(2-chloroisopropyl)ether	121-14-2	2,4-Dinitrotoluene
108-88-3	Toluene	121-21-1	Pyrethrin I
108-90-7	Chlorobenzene	121-29-9	Pyrethrin II
108-91-8	Cyclohexylamine	121-44-8	Triethylamine
108-93-0	Cyclohexanol	121-69-7	Dimethylaniline
108-94-1	Cyclohexanone	121-75-5	Malathion
108-95-2	Phenol	121-82-4	Cyclotetramethylenetrinitramine
108-98-5	Benzenethiol	122-09-8	alpha,alpha-Dimethylphenethylamine
109-06-8	2-Picoline	122-14-5	Fenitrothion
109-27-3	Tetrazene	122-34-9	Simazine
109-61-5	Propyl chloroformate	122-39-4	Diphenylamine
109-66-0	Pentane*	122-49-9	Propham
109-67-1	1-Pentene*	122-66-7	1,2-Diphenylhydrazine
109-73-9	Butylamine	123-31-9	Hydroquinone
109-77-3	Malononitrile	123-33-1	Maleic hydrazide
109-86-4	2-Methoxyethanol	123-38-6	Propionaldehyde
109-89-7	Diethylamine	123-61-5	1,3-Phenylene diisocyanate
109-92-2	Vinyl ethyl ether*	123-62-6	Propionic anhydride
109-95-5	Ethyl nitrite*	123-63-7	Paraldehyde
109-99-9	Tetrahydrofuran	123-72-8	Butyraldehyde
110-00-9	Furan	123-73-9	Crotonaldehyde, (E)-
110-16-7	Maleic acid	123-86-4	n-Butyl acetate
110-17-8	Fumaric acid	123-91-1	1,4-Dioxane
110-19-0	iso-Butyl acetate	123-92-2	iso-Amyl acetate
110-54-3	n-Hexane	124-04-9	Adipic acid
110-57-6	trans-1,4-Dichlorobutene	124-40-3	Dimethylamine
110-75-8	2-Chloroethyl vinyl ether	124-41-4	Sodium methylate
110-80-5	2-Ethoxyethanol	124-47-0	Urea nitrate
110-82-7	Cyclohexane	124-48-1	Chlorodibromomethane
110-86-1	Pyridine	124-65-2	Sodium cacodylate
110-89-4	Piperidine	124-73-2	Dibromotetrafluoroethane (Halon 2402)
111-42-2	Diethanolamine	124-87-8	Picrotoxin
111-44-4	Dichloroethyl ether	126-72-7	Tris(2,3-dibromopropyl) phosphate
111-54-6	1,2-Ethanedithylbiscarbamodithioic acid	126-98-7	Methylacrylonitrile
111-69-3	Adiponitrile	126-99-8	Chloroprene
111-91-1	Bis(2-chloroethoxy) methane	127-18-4	Tetrachloroethylene
114-26-1	Propoxur (concentrations above 2%)	127-82-2	Zinc phenolsulfonate
115-02-6	Azaserine	128-03-0	Potassium dimethyldithiocarbamate
115-07-1	Propylene*	128-04-1	Sodium dimethyldithiocarbamate

CAS Number	Name	CAS Number	Name
128-66-5	C.I. Vat Yellow 4	193-39-5	Indeno(1,2,3-cd)pyrene
129-00-0	Pyrene	194-59-2	7H-Dibenzo(c,g)carbazole
129-06-6	Warfarin sodium	203-65-7	Mercaptodimethur
129-17-9	C.I. Acid Blue 1, sodium salt	205-82-3	Benzo(j)fluoranthene
129-66-8	Trinitrobenzoic acid	205-99-2	Benzo(b)fluoranthene
130-15-4	1,4-Naphthalenedione	206-44-0	Fluoranthene
131-11-3	Dimethyl phthalate	207-08-9	Benzo(k)fluoranthene
131-52-2	Sodium pentachlorophenate	208-96-8	Acenaphthylene
131-73-7	Hexanitrodiphenylamine	218-01-9	Chrysene
131-74-8	Ammonium picrate	224-42-0	Dibenz(a,j)acridine
131-89-5	2-Cyclohexyl-4,6-dinitrophenol	225-51-4	Benzacridine
132-27-4	Sodium o-phenylphenoxide	226-36-8	Dibenz(a,h)acridine
132-64-9	Dibenzofuran	297-78-9	Isobenzan
133-06-2	Captan	297-97-2	Thionazin
133-07-3	Folpet	298-00-0	Methyl parathion
133-90-4	Chloramben	298-02-2	Phorate
134-29-2	o-Anisidine hydrochloride	298-04-4	Disulfoton (concentrations above 2%)
134-32-7	1-Naphthylamine	300-62-9	Amphetamine
135-20-6	Cupferron	300-76-5	Naled
136-30-1	Sodium dibutyldithiocarbamate	301-04-2	Lead acetate
136-45-8	Dipropyl isocinchomeronate	301-12-2	Oxydemeton methyl
137-26-8	Thiram	302-01-2	Hydrazine
137-29-1	Copper dimethyldithiocarbamate	303-34-4	Lasiocarpine
137-30-4	Ziram	305-03-3	Chlorambucil
137-41-7	Potassium N-methyldithiocarbamate	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)*
137-42-8	Metham sodium	309-00-2	Aldrin
138-89-6	p-Nitrosodimethylaniline	311-45-5	Diethyl-p-nitrophenyl phosphate
138-93-2	Disodium cyanodithioimidocarbonate	314-40-9	Bromacil
139-13-9	Nitritotriacetic acid	315-18-4	Mexacarbate (concentrations above 2%)
139-25-3	3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate	316-42-7	Emetine dihydrochloride
139-65-1	4,4'-Thiodianiline	319-84-6	alpha-BHC
140-29-4	Benzyl cyanide	319-85-7	beta-BHC
140-76-1	2-Methyl-5-vinylpyridine	319-86-8	delta-BHC
140-88-5	Ethyl acrylate	327-98-0	Trichloronate
141-32-2	Butyl acrylate	329-71-5	2,5-Dinitrophenol
141-66-2	Dicrotophos	330-54-1	Diuron
141-78-6	Ethyl acetate	330-55-2	Linuron
142-28-9	1,3-Dichloropropane	333-41-5	Diazinon (concentrations above 25%)
142-59-6	Nabam	334-88-3	Diazomethane
142-71-2	Cupric acetate	353-42-4	Boron trifluoride compound with methyl ether (1:1) (conc. above 0.0005%)
142-84-7	Dipropylamine	353-50-4	Carbonyl fluoride
143-33-9	Sodium cyanide	353-59-3	Bromochlorodifluoromethane (Halon 1211)
143-50-0	Kepone	354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)*
144-34-3	Selenium tetrakis(dimethyldithiocarbamate)	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)*
144-49-0	Fluoroacetic acid	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)*
145-73-3	Endothall	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)*
148-18-5	Sodium diethyldithiocarbamate	357-57-3	Brucine
148-79-8	Thiabendazole	359-06-8	Fluoroacetyl chloride
148-82-3	Melphalan	371-62-0	Ethylene fluorohydrin
149-30-4	2-Mercaptobenzothiazole	379-79-3	Ergotamine tartrate
149-74-6	Dichloromethylphenylsilane	422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)*
150-50-5	Merphos	422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)*
150-68-5	Monuron	422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)*
151-38-2	Methoxyethylmercuric acetate	431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)*
151-50-8	Potassium cyanide	460-19-5	Cyanogen
151-56-4	Ethylenimine		
152-16-9	Octamethyl pyrophosphoramidate		
156-10-5	p-Nitrosodiphenylamine		
156-60-5	1,2-trans-Dichloroethylene		
156-62-7	Calcium cyanamide		
189-55-9	Dibenzopyrene		
189-64-0	Dibenzo(a,h)pyrene		
191-24-2	Benzoperylene		
191-30-0	Dibenzo(a,l)pyrene		
192-65-4	Dibenzo(a,e)pyrene		

CAS Number	Name	CAS Number	Name
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)*	563-12-2	Ethion (concentrations above 6% granular and 3% other formulations)
463-49-0	Propadiene*	563-41-7	Semicarbazide hydrochloride
463-58-1	Carbonyl sulfide	563-45-1	3-Methyl-1-butene*
463-82-1	2,2-Dimethylpropane*	563-46-2	2-Methyl-1-butene*
465-73-6	Isodrin	563-47-3	3-Chloro-2-methyl-1-propene
470-90-6	Chlorfeninfos	563-68-8	Thallium(I) acetate
479-45-8	Trinitrophenylmethylnitramine	569-64-2	C.I. Basic Green 4
492-80-8	Auramine	573-56-8	2,6-Dinitrophenol
494-03-1	Chlornaphazine	576-26-1	2,6-Dimethylphenol
496-72-0	3,4-Diaminotoluene	584-84-9	Toluene-2,4-diisocyanate
502-39-6	Methylmercuric dicyanamide	590-18-1	2-Butene-cis*
504-24-5	4-Aminopyridine	590-21-6	1-Chloropropylene*
504-60-9	1-Methylbutadiene	591-08-2	1-Acetyl-2-thiourea
505-60-2	Mustard gas	592-01-8	Calcium cyanide
506-61-6	Potassium silver cyanide	592-04-1	Mercuric cyanide
506-64-9	Silver cyanide	592-85-8	Mercuric thiocyanate
506-68-3	Cyanogen bromide	592-87-0	Lead thiocyanate
506-77-4	Cyanogen chloride	593-60-2	Vinyl bromide
506-78-5	Cyanogen iodide	594-42-3	Perchloromethylmercaptan
506-87-6	Ammonium carbonate	597-64-8	Tetraethyltin
506-96-7	Acetyl bromide	598-31-2	Bromoacetone
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)*	598-73-2	Bromotrifluorethylene*
509-14-8	Tetranitromethane	602-99-3	Trinitro-m-cresol
510-15-6	Chlorobenzilate	606-20-2	2,6-Dinitrotoluene
513-49-5	sec-Butylamine	606-35-9	Trinitroanisole
514-73-8	Dithiazanine iodide	608-73-1	Hexachlorocyclohexane (mixed isomers)
528-29-0	o-Dinitrobenzene	608-93-5	Pentachlorobenzene
532-27-4	2-Chloroacetophenone	609-19-8	3,4,5-Trichlorophenol
533-74-4	Dazomet	610-39-9	3,4-Dinitrotoluene
534-07-6	Bis(chloromethyl) ketone	612-82-2	o-Tolidine dihydrochloride
534-52-1	4,6-Dinitro-o-cresol	612-83-9	3,3'-Dichlorobenzidine dihydrochloride
535-89-7	Crimidine	614-78-8	(2-Methylphenyl)thiourea
538-07-8	Ethylbis(2-chloroethyl)amine	615-05-4	2,4-Diaminoanisole
540-59-0	1,2-Dichloroethylene	615-28-1	1,2-Phenylenediamine dihydrochloride
540-73-8	1,2-Dimethylhydrazine	615-53-2	N-Nitroso-N-methylurethane
540-84-1	2,2,4-Trimethylpentane	621-64-7	N-Nitrosodi-n-propylamine
540-88-5	tert-Butyl acetate	624-18-0	1,4-Phenylenediamine dihydrochloride
541-09-3	Uranyl acetate	624-64-6	2-Butene-trans*
541-25-3	Lewisite	624-83-9	Methyl isocyanate
541-41-3	Ethyl chloroformate	624-92-0	Methyl disulfide
541-53-7	Dithiobiuret	625-16-1	tert-Amyl acetate
541-73-1	m-Dichlorobenzene	625-55-8	Isopropyl formate
542-62-1	Barium cyanide	626-38-0	sec-Amyl acetate
542-75-6	1,3-Dichloropropene	627-11-2	Chloroethyl chloroformate
542-76-7	3-Chloropropionitrile	627-20-3	2-Pentene, (Z)-*
542-88-1	Bis(chloromethyl) ether	628-63-7	n-Amyl acetate
542-90-5	Ethylthiocyanate	628-86-4	Mercury fulminate
543-90-8	Cadmium acetate	630-10-4	Carbamimidoseleonic acid
544-18-3	Cobaltous formate	630-20-6	1,1,1,2-Tetrachloroethane
544-92-3	Copper cyanide	630-60-4	Ouabain
554-13-2	Lithium carbonate	631-61-8	Ammonium acetate
554-84-7	m-Nitrophenol	636-21-5	o-Toluidine hydrochloride
555-77-1	Tris(2-chloroethyl)amine	639-58-7	Triphenyltin chloride
556-61-6	Methyl isothiocyanate	640-19-7	Fluoroacetamide
556-64-9	Methyl thiocyanate	644-64-4	Dimetilan
556-88-7	Nitroguanidine	646-04-8	2-Pentene, (E)-*
556-89-8	Nitrourea	675-14-9	Cyanuric fluoride
557-19-7	Nickel cyanide	676-97-1	Methyl phosphonic dichloride
557-21-1	Zinc cyanide	680-31-9	Hexamethylphosphoramide
557-34-6	Zinc acetate	684-93-5	N-Nitroso-N-methylurea
557-41-5	Zinc formate	689-97-4	Vinyl acetylene*
557-98-2	2-Chloropropylene*	692-42-2	Diethylarsine
558-25-8	Methanesulfonyl fluoride	693-21-0	Diethyleneglycol dinitrate
		696-28-6	Dichlorophenylarsine
		709-98-8	Propanil

CAS Number	Name	CAS Number	Name
732-11-6	Phosmet (concentrations above 20%)	1314-20-1	Thorium dioxide
757-58-4	Hexaethyl tetraphosphate	1314-32-5	Thallic oxide
759-73-9	N-Nitroso-N-ethylurea	1314-56-3	Phosphorus pentoxide
759-94-4	Ethyl dipropylthiocarbamate (EPTC)	1314-62-1	Vanadium pentoxide
760-93-0	Methacrylic anhydride	1314-80-3	Phosphorus pentasulfide
764-41-0	1,4-Dichloro-2-butene	1314-84-7	Zinc phosphide (concentrations greater than 10%)
765-34-4	Glycidylaldehyde	1314-87-0	Lead sulfide
786-19-6	Carbophenothion	1319-72-8	2,4,5-T amines
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)*	1319-77-3	Cresol (mixed isomers)
814-49-3	Diethyl chlorophosphate	1320-18-9	2,4-Dichlorophenoxyacetic acid propylene glycol butyl ether ester
814-68-6	Acrylyl chloride	1321-12-6	Nitrotoluene (mixed isomers)
815-82-7	Cupric tartrate	1327-52-2	Arsenic acid
822-06-0	Hexamethylene-1,6-diisocyanate	1327-53-3	Arsenic trioxide (concentrations above 1.5%)
823-40-5	2,6-Diaminotoluene	1330-20-7	Xylene (mixed isomers)
824-11-3	Trimethylolpropane phosphite	1332-07-6	Zinc borate
834-12-8	Ametryn	1332-21-4	Asbestos (friable)
842-07-9	C.I. Solvent Yellow 14	1333-74-0	Hydrogen*
872-50-4	N-Methyl-2-pyrrolidone	1333-82-0	Chromic acid
900-95-8	Acetoxytriphenylstannane	1333-83-1	Sodium bifluoride
919-86-8	Methyl demeton (concentrations above 7%)	1335-32-6	Lead subacetate
920-46-7	Methacryloyl chloride	1335-87-1	Hexachloronaphthalene
924-16-3	N-Nitrosodi-n-butylamine	1336-21-6	Ammonium hydroxide
924-42-5	N-Methylolacrylamide	1336-36-3	Polychlorinated biphenyls (PCBs)
930-55-2	N-Nitrosopyrrolidine	1338-23-4	Methyl ethyl ketone peroxide
932-64-9	Nitrotriazolone	1338-24-5	Naphthenic acid
933-75-5	2,3,6-Trichlorophenol	1341-49-7	Ammonium bifluoride
933-78-8	2,3,5-Trichlorophenol	1344-28-1	Aluminum oxide (fibrous forms)
944-22-9	Fonofos	1397-94-0	Antimycin A
947-02-4	Phosfolan	1420-07-1	Dinoterb
950-10-7	Mephosfolan	1464-53-5	Diepoxybutane
950-37-8	Methidathion	1558-25-4	Trichloro(chloromethyl)silane
957-51-7	Diphenamid	1563-38-8	Carbofuran phenol
959-98-8	alpha-Endosulfan	1563-66-2	Carbofuran
961-11-5	Tetrachlorvinphos	1582-09-8	Trifluralin
989-38-8	C.I. Basic Red 1	1600-27-7	Mercuric acetate
991-42-4	Norbormide	1615-80-1	1,2-Diethylhydrazine
998-30-1	Triethoxysilane	1622-32-8	2-Chloroethanesulfonyl chloride
999-81-5	Chlormequat chloride	1634-02-2	Tetrabutylthiuram disulfide
1024-57-3	Heptachlor epoxide	1634-04-4	Methyl tert-butyl ether
1031-07-8	Endosulfan sulfate	1642-54-2	Diethylcarbamazine citrate
1031-47-6	Triamiphos	1646-88-4	Aldicarb sulfone
1066-30-4	Chromic acetate	1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)*
1066-33-7	Ammonium bicarbonate	1689-84-5	Bromoxynil
1066-45-1	Trimethyltin chloride	1689-99-2	Bromoxynil octanoate
1072-35-1	Lead stearate (stearic acid, lead(2+) salt)	1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)*
1111-78-0	Ammonium carbamate	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
1114-71-2	Pebulate	1752-30-3	Acetone thiosemicarbazide
1116-54-7	N-Nitrosodiethanolamine	1762-95-4	Ammonium thiocyanate
1120-71-4	1,3-Propane sultone	1836-75-5	Nitrofen
1122-60-7	Nitrocyclohexane	1861-40-1	Benfluralin
1124-33-0	4-Nitropyridine 1-oxide	1863-63-4	Ammonium benzoate
1129-41-5	Metolcarb	1888-71-7	Hexachloropropene
1134-23-2	Cycloate	1897-45-6	Chlorothalonil
1163-19-5	Decabromodiphenyl oxide	1910-42-5	Paraquat
1185-57-5	Ferric ammonium citrate	1912-24-9	Atrazine
1194-65-6	Dichlobenil	1918-00-9	Dicamba
1300-71-6	Xylenol	1918-02-1	Picloram
1303-28-2	Arsenic pentoxide	1918-16-7	Propachlor
1303-32-8	Arsenic disulfide	1928-38-7	2,4-Dichlorophenoxyacetic acid methyl ester
1303-33-9	Arsenic trisulfide	1928-43-4	2,4-Dichlorophenoxyacetic acid 2-ethylhexyl ester (concentrations above 20%)
1306-19-0	Cadmium oxide	1928-47-8	2,4,5-Trichlorophenoxyacetic acid 2-ethylhexyl ester
1309-64-4	Antimony trioxide		
1310-58-3	Potassium hydroxide		
1310-73-2	Sodium hydroxide		
1313-27-5	Molybdenum trioxide		

CAS Number	Name	CAS Number	Name
1928-61-6	2,4-Dichlorophenoxyacetic acid propyl ester	2944-67-4	Ferric ammonium oxalate
1929-73-3	2,4-Dichlorophenoxyacetic acid butoxyethanol ester (conc. above 20%)	2971-38-2	2,4-Dichlorophenoxyacetic acid chlorocrotyl ester
1929-77-7	Vernolate	3012-65-5	Ammonium citrate dibasic
1929-82-4	Nitrapyrin	3037-72-7	(4-Aminobutyl)diethoxymethylsilane
1937-37-7	C.I. Direct Black 38	3118-97-6	C.I. Solvent Orange 7
1982-47-4	Chloroxuron	3164-29-2	Ammonium tartrate, diammonium salt
1982-69-0	Sodium dicamba	3165-93-3	4-Chloro-o-toluidine hydrochloride
1983-10-4	Tributyltin fluoride	3173-72-6	1,5-Naphthalene diisocyanate
2001-95-8	Valinomycin	3251-23-8	Cupric nitrate
2008-41-5	Butylate	3254-63-5	Phosphoric acid, dimethyl 4-(methylthio) phenyl ester
2008-46-0	2,4,5-T amines	3288-58-2	O,O-Diethyl S-methyl dithiophosphate
2032-65-7	Methiocarb (concentrations above 2%)	3383-96-8	Temephos
2074-50-2	Paraquat methosulfate	3486-35-9	Zinc carbonate
2097-19-0	Phenylsilatrane	3547-04-4	p,p'-Dichlorodiphenylethane
2104-64-5	EPN	3564-09-8	C.I. Food Red 6
2155-70-6	Tributyltin methacrylate	3569-57-1	3-Chloropropyl octylsulfoxide
2164-07-0	Dipotassium endothall	3615-21-2	4,5-Dichloro-2-(trifluoromethyl)benzimidazole
2164-17-2	Fluometuron	3653-48-3	Methoxone sodium salt
2212-67-1	Molinate	3689-24-5	Sulfotep
2217-06-3	Dipicryl sulfide	3691-35-8	Chlorophacinone (concentrations 0.2% and above)
2223-93-0	Cadmium stearate	3697-24-3	5-Methylchrysene
2231-57-4	Thiocarbazine	3734-97-2	Amiton oxalate
2234-13-1	Octachloronaphthalene	3735-23-7	Methyl phenkapton
2238-07-5	Diglycidyl ether	3761-53-3	C.I. Food Red 5
2275-18-5	Prothoate	3813-14-7	2,4,5-T amines
2300-66-5	Dimethylamine dicamba	3878-19-1	Fuberidazole
2303-16-4	Diallate	4044-65-9	Bitoscanate
2303-17-5	Triallate	4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride
2312-35-8	Propargite	4098-71-9	Isophorone diisocyanate
2338-12-7	5-Nitrobenzotriazole	4104-14-7	Phosacetim
2349-01-2	Chinomethionat	4109-96-0	Dichlorosilane
2385-85-5	Mirex	4128-73-8	4,4'-Diisocyanatodiphenyl ether
2439-10-3	Dodine	4170-30-3	Crotonaldehyde
2497-07-6	Oxydisulfoton	4301-50-2	Fluenetil
2508-19-2	Trinitrobenzenesulfonic acid	4418-66-0	2,2'-Thiobis(4-chloro-6-methyl)phenol
2524-03-0	Dimethyl phosphorochloridithioate	4549-40-0	N-Nitrosomethylvinylamine
2540-82-1	Formothion	4680-78-8	C.I. Acid Green 3
2545-59-7	2,4,5-Trichlorophenoxyacetic acid 2-butyloxyethyl ester	4732-14-3	Trinitrophenetole
2556-36-7	1,4-Cyclohexane diisocyanate	4835-11-4	N,N'-Dibutylhexamethylenediamine
2570-26-5	Pentadecylamine	5124-30-1	1,1-Methylene bis(4-isocyanatocyclohexane)
2587-90-8	Methyl demeton methyl	5141-20-8	C.I. Acid Green 5
2602-46-2	C.I. Direct Blue 6	5234-68-4	Carboxin
2631-37-0	Promecarb	5281-13-0	Piprotal
2636-26-2	Cyanophos	5344-82-1	1-(o-Chlorophenyl)thiourea
2642-71-9	Azinphos-ethyl	5385-75-1	Dibenzo(a,e)fluoranthene
2646-17-5	C.I. Solvent orange 2	5522-43-0	1-Nitropyrene
2650-18-2	C.I. Acid Blue 9, diammonium salt	5598-13-0	Chlorpyrifos methyl
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	5836-29-3	Coumatetralyl
2665-30-7	Methylphosphonothioic acid-O-(4-nitrophenyl)-O-phenyl ester	5893-66-3	Cupric oxalate
2691-41-0	Cyclotetramethylenetetranitramine	5902-51-2	Terbacil
2699-79-8	Sulfuryl fluoride	5952-26-1	Diethylene glycol dicarbamate
2702-72-9	2,4-Dichlorophenoxyacetic acid sodium salt (conc. above 20%)	5972-73-6	Ammonium oxalate, unspecified hydrate
2703-13-1	Methylphosphonothioic acid-O-ethyl O-(p-(methylthio)phenyl)ester	6009-70-7	Ammonium oxalate, monohydrate
2757-18-8	Thallos malonate	6358-53-8	C.I. Solvent Red 80
2763-96-4	Muscimol	6369-96-6	2,4,5-T amines
2764-72-9	Diquat	6369-97-7	2,4,5-T amines
2778-04-3	Endothion	6459-94-5	C.I. Acid Red 114
2832-40-8	C.I. Disperse Yellow 3	6484-52-2	Ammonium nitrate
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)*	6533-73-9	Thallos carbonate
2921-88-2	Chlorpyrifos (concentrations above 15%)	6923-22-4	Monocrotophos
		7005-72-3	4-Chlorophenyl phenyl ether

CAS Number	Name	CAS Number	Name
7287-19-6	Prometryn	7761-88-8	Silver nitrate
7421-93-4	Endrin aldehyde	7773-06-0	Ammonium sulfamate
7428-48-0	Lead stearate	7775-11-3	Sodium chromate
7429-90-5	Aluminum (fume or dust)	7778-39-4	Arsenic acid
7439-92-1	Lead	7778-44-1	Calcium arsenate
7439-96-5	Manganese	7778-50-9	Potassium bichromate
7439-97-6	Mercury	7778-54-3	Calcium hypochlorite
7440-02-0	Nickel	7779-86-4	Zinc hydrosulfite
7440-22-4	Silver	7779-88-6	Zinc nitrate
7440-23-5	Sodium	7782-41-4	Fluorine
7440-28-0	Thallium	7782-49-2	Selenium
7440-36-0	Antimony	7782-50-5	Chlorine
7440-38-2	Arsenic	7782-63-0	Ferrous sulfate heptahydrate
7440-39-3	Barium	7782-82-3	Sodium selenite
7440-41-7	Beryllium	7782-86-7	Mercurous nitrate
7440-43-9	Cadmium	7783-00-8	Selenous acid
7440-47-3	Chromium	7783-06-4	Hydrogen sulfide
7440-48-4	Cobalt	7783-07-5	Hydrogen selenide
7440-50-8	Copper	7783-20-2	Ammonium sulfate (solution)
7440-62-2	Vanadium (fume or dust)	7783-35-9	Mercuric sulfate
7440-66-6	Zinc (fume or dust)	7783-46-2	Lead fluoride
7446-08-4	Selenium dioxide	7783-49-5	Zinc fluoride
7446-09-5	Sulfur dioxide	7783-50-8	Ferric fluoride
7446-11-9	Sulfur trioxide	7783-56-4	Antimony trifluoride
7446-14-2	Lead sulfate	7783-60-0	Sulfur tetrafluoride
7446-18-6	Thallous sulfate	7783-70-2	Antimony pentafluoride
7446-27-7	Lead phosphate	7783-80-4	Tellurium hexafluoride
7447-39-4	Cupric chloride	7784-34-1	Arsenous trichloride
7487-94-7	Mercuric chloride	7784-40-9	Lead arsenate
7488-56-4	Selenium sulfide	7784-41-0	Potassium arsenate
7550-45-0	Titanium tetrachloride	7784-42-1	Arsine
7558-79-4	Sodium phosphate dibasic	7784-46-5	Sodium arsenite
7580-67-8	Lithium hydride	7785-84-4	Metaphosphoric acid, trisodium salt
7601-54-9	Trisodium phosphate	7786-34-7	Mevinphos
7631-89-2	Sodium arsenate	7786-81-4	Nickel sulfate
7631-90-5	Sodium bisulfite	7787-47-5	Beryllium chloride
7632-00-0	Sodium nitrite	7787-49-7	Beryllium fluoride
7637-07-2	Boron trifluoride	7787-55-5	Beryllium nitrate
7645-25-2	Lead arsenate, unspecified	7788-98-9	Ammonium chromate
7646-85-7	Zinc chloride	7789-00-6	Potassium chromate
7647-01-0	Hydrogen chloride	7789-06-2	Strontium chromate
7647-18-9	Antimony pentachloride	7789-09-5	Ammonium bichromate
7664-38-2	Phosphoric acid	7789-42-6	Cadmium bromide
7664-39-3	Hydrogen fluoride	7789-43-7	Cobaltous bromide
7664-41-7	Ammonia	7789-61-9	Antimony tribromide
7664-93-9	Sulfuric acid	7790-94-5	Chlorosulfonic acid
7681-49-4	Sodium fluoide	7790-98-9	Ammonium perchlorate
7681-52-9	Sodium hypochlorite	7791-12-0	Thallous chloride
7696-12-0	Tetramethrin	7791-21-1	Chlorine monoxide*
7697-37-2	Nitric acid	7791-23-3	Selenium oxychloride
7699-45-8	Zinc bromide	7803-51-2	Phosphine
7705-08-0	Ferric chloride	7803-55-6	Ammonium vanadate
7718-54-9	Nickel(II) chloride	7803-62-5	Silane*
7719-12-2	Phosphorus trichloride	8001-35-2	Toxaphene
7720-78-7	Ferrous sulfate	8001-50-1	Strobane
7722-64-7	Potassium permanganate	8001-58-9	Creosote
7722-84-1	Hydrogen peroxide (Conc. > 52%)	8003-19-8	Dichloropropane-Dichloropropene (mixture)
7723-14-0	Phosphorus	8003-34-7	Pyrethrum
7726-95-6	Bromine	8014-95-7	Sulfuric acid
7733-02-0	Zinc sulfate	8065-48-3	Demeton
7738-94-5	Chromic acid (H <sub>2</sub> CrO <sub>4</sub> )	8066-33-9	Pentolite
7758-01-2	Potassium bromate	9004-70-0	Nitrocellulose (dry or wetted with less than 25 percent water (or alcohol) by mass)
7758-29-4	Pentasodium triphosphate		
7758-94-3	Ferrous chloride	9004-70-0	Nitrocellulose (unmodified or plasticized with less than 18 percent plasticizing substance, by mass)
7758-95-4	Lead chloride		
7758-98-7	Cupric sulfate		

CAS Number	Name	CAS Number	Name
9006-42-2	Metiram	12135-76-1	Ammonium sulfide
9016-87-9	Polymeric diphenylmethane diisocyanate	12427-38-2	Maneb
9056-38-6	Nitrostarch	12642-23-8	Aroclor 5442
10022-70-5	Sodium hypochlorite, pentahydrate	12672-29-6	Aroclor 1248
10025-73-7	Chromic chloride	12674-11-2	Aroclor 1016
10025-78-2	Trichlorosilane	12771-08-3	Sulfur chloride
10025-87-3	Phosphorus oxychloride	13071-79-9	Terbufos
10025-91-9	Antimony trichloride	13171-21-6	Phosphamidon
10026-11-6	Zirconium tetrachloride	13194-48-4	Ethoprophos
10026-13-8	Phosphorus pentach	13356-08-6	Fenbutatin oxide
10028-15-6	Ozone	13410-01-0	Sodium selenate
10028-22-5	Ferric sulfate lorida	13424-46-9	Lead azide
10031-59-1	Thallium sulfate	13450-90-3	Gallium trichloride
10034-93-2	Hydrazine sulfate	13463-39-3	Nickel carbonyl
10039-32-4	Phosphoric acid, disodium salt, dodecahydrate	13463-40-6	Iron pentacarbonyl
10043-01-3	Aluminum sulfate	13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)*
10045-89-3	Ferrous ammonium sulfate		Tellurium
10045-94-0	Mercuric nitrate	13494-80-9	2,4,5-T sodium salt
10049-04-4	Chlorine dioxide	13560-99-1	Beryllium nitrate
10049-05-5	Chromic(II) chloride	13597-99-4	Desmedipham
10061-02-6	trans-1,3-Dichloropropane	13684-56-5	Zirconium nitrate
10099-74-8	Lead nitrate	13746-89-9	Calcium chromate
10101-53-8	Chromic sulfate	13765-19-0	Lead fluoborate
10101-63-0	Lead iodide	13814-96-5	Ammonium fluoborate
10101-89-0	Tribasic sodium phosphate dodecahydrate	13826-83-0	sec-Butylamine
10102-06-4	Uranyl nitrate	13952-84-6	Cobaltous sulfamate
10102-18-8	Sodium selenite	14017-41-5	Salcomine
10102-20-2	Sodium tellurite	14167-18-1	Nickel nitrate
10102-43-9	Nitric oxide	14216-75-2	Ammonium oxalate
10102-44-0	Nitrogen dioxide	14258-49-2	Lithium chromate
10102-45-1	Thallium(I) nitrate	14307-35-8	Ammonium tartrate
10102-48-4	Lead arsenate	14307-43-8	Ethyl ziram
10108-64-2	Cadmium chloride	14324-55-1	Ferbam
10124-50-2	Potassium arsenite	14484-64-1	Zinc ammonium chloride (Zn.Cl4.2H4-N)
10124-56-8	Sodium hexametaphosphate	14639-97-5	Zinc ammonium chloride (Zn.Cl5.3H4-N)
10140-65-5	Phosphoric acid, disodium salt, hydrate	14639-98-6	Zirconium sulfate
10140-87-1	1,2-Dichloroethanol acetate	14644-61-2	3-Chloro-6-cyano-2-norbornanone-o-(meth-ycarbamoyl)oxime
10192-30-0	Ammonium bisulfite	15271-41-7	Manganese dimethyldithiocarbamate
10196-04-0	Ammonium sulfite		2,4,4-Trimethylhexamethylene diisocyanate
10210-68-1	Cobalt carbonyl	15339-36-3	Nickel ammonium sulfate
10222-01-2	2,2-Dibromo-3-nitrilopropionamide	15646-96-5	Lead sulfate
10265-92-6	Methamidophos	15699-18-0	Mannitol hexanitrate
10294-34-5	Boron trichloride	15739-80-7	2,3,4-Trichlorophenol
10311-84-9	Dialifor	15825-70-4	Alachlor
10347-54-3	1,4-Bis(methylisocyanate)cyclohexane	15950-66-0	C.I. Direct Brown 95
10361-89-4	Phosphoric acid, trisodium salt, decahydrate	15972-60-8	N-Nitrosornicotine
10380-29-7	Cupric sulfate, ammoniated	16071-86-6	Sodium hydrosulfide
10415-75-5	Mercurous nitrate	16543-55-8	Methomyl
10421-48-4	Ferric nitrate	16721-80-5	Zinc silicofluoride
10453-86-8	Resmethrin	16752-77-5	Ammonium silicofluoride
10476-95-6	Methacrolein diacetate	16871-71-9	Zirconium potassium fluoride
10544-72-6	Nitrogen tetroxide	16919-19-0	2,2,4-Trimethylhexamethylene diisocyanate
10588-01-9	Sodium bichromate	16923-95-8	Decaborane(14)
10605-21-7	Carbendazim	16938-22-0	Formparanate
11096-82-5	Aroclor 1260	17702-41-9	Benomyl
11097-69-1	Aroclor 1254	17702-57-7	Barium azide
11104-28-2	Aroclor 1221	17804-35-2	Streptozotocin
11115-74-5	Chromic acid	18810-58-7	Oryzalin
11141-16-5	Aroclor 1232	18883-66-4	Diborane
12002-03-8	Cupric acetoarsenite	19044-88-3	Pentaborane
12039-52-0	Thallium(I) selenide	19287-45-7	Oxydiazon
12054-48-7	Nickel hydroxide	19624-22-7	Hexanitrostilbene
12108-13-3	Methylcyclopentadienylmanganese tricarbonyl	19666-30-9	Barium styphnate
12122-67-7	Zineb	20062-22-0	3,3'-Dimethoxybenzidine dihydrochloride
12125-01-8	Ammonium fluoride	20236-55-9	
12125-02-9	Ammonium chloride	20325-40-0	

CAS Number	Name	CAS Number	Name
20354-26-1	Methazole	32534-95-5	2-(2,4,5-Trichlorophenoxy)propanoic acid isooctyl ester
20816-12-0	Osmium tetroxide		
20830-75-5	Digoxin	33089-61-1	Amitraz
20830-81-3	Daunomycin	33213-65-9	beta-Endosulfan
20859-73-8	Aluminum phosphide	34014-18-1	Tebuthiuron
21087-64-9	Metribuzin	34077-87-7	Dichlorotrifluoroethane*
21548-32-3	Fosthietan	35367-38-5	Diflubenzuron
21609-90-5	Leptophos	35400-43-2	Sulprofos
21725-46-2	Cyanazine (concentrations above 30%)	35554-44-0	Imazalil
21908-53-2	Mercuric oxide	35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedi-carbonitrile
21923-23-9	Chlorthiophos		
22224-92-6	Fenamiphos	35860-51-6	Dinitroresorcinol
22781-23-3	Bendiocarb (conc. above 15%)	36478-76-9	Uranyl nitrate
22961-82-6	Bendiocarb phenol	37211-05-5	Nickel chloride
23135-22-0	Oxamyl	38661-72-2	1,3-Bis(methylisocyanate)cyclohexane
23422-53-9	Formetanate hydrochloride	38727-55-8	Diethatyl ethyl
23505-41-1	Pirimifos-ethyl (concentrations above 20%)	39156-41-7	2,4-Diaminoanisole sulfate
23564-05-8	Thiophanate methyl	39196-18-4	Thiofanox
23564-06-9	Thiophanate ethyl	39300-45-3	Dinocap
23950-58-5	Pronamide	39515-41-8	Fenpropathrin
24017-47-8	Triazofos	40487-42-1	Pendimethalin
24934-91-6	Chlormephos	41198-08-7	Profenofos
25154-54-5	Dinitrobenzene (mixed isomers)	41766-75-0	o-Tolidine dihydrofluoride
25154-55-6	Nitrophenol (mixed isomers)	42504-46-1	Isopropanolamine dodecylbenzene sulfonate
25155-30-0	Sodium dodecylbenzenesulfonate	42874-03-3	Oxyfluorfen
25167-67-3	Butene*	43121-43-3	Triadimefon
25167-82-2	Trichlorophenol	50471-44-8	Vinclozolin
25168-15-4	2,4,5-Trichlorophenoxyacetic acid isooctyl ester	50782-69-9	Ethyl-S-dimethylaminoethyl methylphospho-nothiolate
25168-26-7	2,4-Dichlorophenoxyacetic acid isooctyl ester (conc. above 20%)	51026-28-9	Potassium n-hydroxymethyl-n-methyldithio-carbamate
25311-71-1	Isofenphos	51235-04-2	Hexazinone
25321-14-6	Dinitrotoluene (mixed isomers)	51317-24-9	Lead mononitroresorcinate
25321-22-6	Dichlorobenzene (mixed isomers)	51338-27-3	Diclofop methyl
25322-14-9	Trinitrofluorenone	51630-58-1	Fenvalerate
25376-45-8	Diaminotoluene (mixed isomers)	52628-25-8	Zinc ammonium chloride
25550-58-7	Dinitrophenol (mixed isomers)	52645-53-1	Permethrin
26002-80-2	Phenothrin	52652-59-2	Lead stearate dibasic
26264-06-2	Calcium dodecylbenzenesulfonate	52740-16-6	Calcium arsenite
26419-73-8	O-(((2,4-Dimethyl-1,3-dithiolan-2-yl)methyl-ene)amino)methyl carbamic acid	52888-80-9	Prosulfocarb
26471-62-5	Toluene diisocyanate (mixed isomers)	53014-37-2	Tetranitroaniline
26628-22-8	Sodium azide (concentrations above 0.5%)	53404-19-6	Bromacil, lithium salt
26638-19-7	Dichloropropane	53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester
26644-46-2	Triforine	53404-60-7	Dazomet, sodium salt
26952-23-8	Dichloropropene(s) (mixtures)	53467-11-1	2,4-D Esters
26952-42-1	Trinitroaniline	53469-21-9	Aroclor 1242
27137-85-5	Trichloro(dichlorophenyl)silane	53558-25-1	Pyriminil
27176-87-0	Dodecylbenzenesulfonic acid	54413-15-9	Tritonal
27314-13-2	Norflurazon	55285-14-8	Carbosulfan
27323-41-7	Triethanolamine dodecylbenzene sulfonate	55290-64-7	Dimethipin
27774-13-6	Vanadyl sulfate	55406-53-6	3-Iodo-2-propynyl n-butylcarbamate
28057-48-9	d-trans-Allethrin	55488-87-4	Ferric ammonium oxalate, unspecified hydrate
28249-77-6	Thiobencarb	55510-04-8	Dinitroglycoluril
28260-61-9	Trinitrochlorobenzene	55810-17-8	Trinitronaphthalene
28300-74-5	Antimony potassium tartrate	56189-09-4	Dibasic lead stearate
28347-13-9	Xylylene dichloride	57213-69-1	Tricopyr triethylammonium salt
28407-37-6	C.I. Direct Blue 218	58270-08-9	(trans-4)-Dichloro(4,4-dimethylzinc5(((methylamino)carbonyl)oxy)imimo)pentanenitrile)
28772-56-7	Bromadiolone (concentrations above 0.01%)		
29232-93-7	Pirimiphos methyl	59669-26-0	Thiodicarb
30525-89-4	Paraformaldehyde	60168-88-9	Fenarimol
30558-43-1	2-(Dimethylamino-N-hydroxy-2-oxo)ethanimidothioic acid, methyl ester	60207-90-1	Propiconazole
30560-19-1	Acephate	61792-07-2	2,4,5-Trichlorophenoxyacetic acid 1-methyl propyl ester
30674-80-7	Methacryloyloxyethyl isocyanate		
31218-83-4	Propetamphos	62207-76-5	N,N'-Ethylene bis(3-fluorosalicylideneimino) cobalt(II)

CAS Number	Name
62476-59-9	Acifluorfen, sodium salt
63918-97-8	Lead styphnate
63938-10-3	Chlorotetrafluoroethane*
64902-72-3	Chlorsulfuron
64969-34-2	3,3'-Dichlorobenzidine sulfate
66441-23-4	Fenoxaprop ethyl
67485-29-4	Hydramethylon
68085-85-8	Cyhalothrin
68359-37-5	Cyfluthrin
69409-94-5	Fluvalinate
69806-50-4	Fluazifop butyl
71751-41-2	Abamectin
72178-02-0	Fomesafen
72490-01-8	Fenoxycarb
74051-80-2	Sethoxydim
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
75790-87-3	2,4'-Diisocyanatodiphenyl sulfide
76578-14-8	Quizalofop-ethyl
77501-63-4	Lactofen
82657-04-3	Bifenthrin
88671-89-0	Myclobutanil
90454-18-5	Dichloro-1,1,2-trifluoroethane*
90982-32-4	Chlorimuron ethyl
101200-48-0	Tribenuron methyl
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)*
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride
127564-92-5	Dichloropentafluoropropane*
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)*
134190-37-7	Diethyldiisocyanatobenzene
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)*

Repeal and New Rule, R.1996 d.462, effective October 7, 1996.  
 See: 28 N.J.R. 2730(a), 28 N.J.R. 4424(b).  
 Section was "List of Hazardous Substances".

**APPENDIX B**

**FINANCIAL FORMS**

**B.1 Letter from chief financial officer:**

**(1) Non-government entities**

To support a financial test of self-insurance or a guarantee, the chief financial officer of the major facility or guarantor shall prepare and sign a letter worded exactly as follows, except that the instructions in brackets are to be replaced by the relevant information and the brackets deleted.

**LETTER FROM CHIEF FINANCIAL OFFICER**

I am the chief financial officer of [name and address of the owner or operator, or guarantor]. This letter is in support of the use ["the financial test of self-insurance" and/or "guarantee"] to demonstrate financial responsibility for cleanup and removal activities arising from operating [name(s) and address(es) of facility(ies)] in the amount of at least [dollar amount] per occurrence ["per facility" if multiple facilities are covered by this one document] and [dollar amount] annual aggregate ["per facility" if multiple facilities are covered by this one document].

A ["financial test" and/or "guarantee"] is also used by this ["owner or operator" or "guarantor"] to demonstrate evidence of financial responsibility in the following amounts under the following EPA or State rules or regulations (i.e., RCRA, ECRA, UST, etc.):

[applicable rules or regulations and amounts]

This ["owner or operator" or "guarantor"] has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his or her financial statements for the latest completed fiscal year.

[Fill in the information for Alternative I if the criteria of N.J.A.C. 7:1E-4.5(g)1 based on tangible net worth are being used to demonstrate compliance with the financial test requirements. Fill in the information for Alternative II if the criteria based on bond rating or net working capital of N.J.A.C. 7:1E-4.5(g)2 are being used to demonstrate compliance with the financial test requirements.]

**ALTERNATIVE I**

1. Amount of annual DCR aggregate coverage being assured by a financial test and/or guarantee \$ \_\_\_\_\_
  2. Amount of annual aggregate coverage for all other federal or State regulatory costs (i.e. RCRA, ECRA, UST, etc.) covered by a financial test, and/or guarantee \$ \_\_\_\_\_
  3. Sum of lines 1 and 2 \$ \_\_\_\_\_
  4. Total tangible assets \$ \_\_\_\_\_
  5. Total liabilities [if any of the amount reported on line 3 is included in total liabilities, you may deduct that amount from this line and add that amount to line 6] \$ \_\_\_\_\_
  6. Tangible net worth [subtract line 5 from line 4] \$ \_\_\_\_\_
- YES NO
7. Is line 6 at least \$10 million? \_\_\_\_\_
  8. Is line 6 at least 10 times line 3? \_\_\_\_\_
- YES NO
9. Have financial statements for the latest fiscal year been filed with the Securities Exchange Commission? \_\_\_\_\_
  10. Have financial statements for the latest fiscal year been filed with the Energy Information Administration? \_\_\_\_\_
  11. Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration? \_\_\_\_\_
  12. Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A? [Answer "Yes" only if both criteria have been met] \_\_\_\_\_

**ALTERNATIVE II**

1. Amount of annual DCR aggregate coverage being assured by a financial test and/or guarantee \$ \_\_\_\_\_

- 2. Amount of annual aggregate coverage for all other federal or State regulatory cost (i.e. RCRA, ECRA, UST, etc.) covered by a financial test, and/or guarantee \$ \_\_\_\_\_
- 3. Sum of lines 1 and 2 \$ \_\_\_\_\_
- 4. Total tangible assets \$ \_\_\_\_\_
- 5. Total liabilities [if any of the amount reported on line 3 is included in total liabilities, you may deduct that amount from this line and add that amount to line 6] \$ \_\_\_\_\_
- 6. Tangible net worth [subtract line 5 from line 4] \$ \_\_\_\_\_
- 7. Total assets in the U.S. [required only if less than 90 percent of assets are located in the U.S.] \$ \_\_\_\_\_  
 YES NO  
 \_\_\_\_\_
- 8. Is line 6 at least \$10 million? \_\_\_\_\_
- 9. Is line 6 at least 6 times line 3? \_\_\_\_\_  
 YES NO  
 \_\_\_\_\_
- 10. Are at least 90 percent of total assets located in the U.S.? [If "No", complete line 11.] \_\_\_\_\_
- 11. Is line 7 at least 6 times line 3? \_\_\_\_\_  
 [Fill in either lines 12-15 or lines 16-18:]
- 12. Current assets \$ \_\_\_\_\_
- 13. Current liabilities \$ \_\_\_\_\_
- 14. Net working capital [subtract line 13 from line 12] \$ \_\_\_\_\_  
 YES NO  
 \_\_\_\_\_
- 15. Is line 14 at least 6 times line 3? \_\_\_\_\_
- 16. Current bond rating of most recent bond issue \_\_\_\_\_
- 17. Name of rating service \_\_\_\_\_
- 18. Date of maturity of bond \_\_\_\_\_
- 19. Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration? \_\_\_\_\_  
 [If "No", please attach a report from an independent certified public accountant certifying that there are no material differences between the data as reported in lines 4-18 above and the financial statements for the latest fiscal year.]

[For both Alternative I and Alternative II complete the certification with this statement.]

I hereby certify that the wording of this letter is identical to the wording specified in Appendix B of N.J.A.C. 7:1E, as such rules were constituted on the date shown immediately below.

[Signature]  
 [Name]  
 [Title]  
 [Date]

B.2 Guarantee:

The guarantee must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

GUARANTEE

Guarantee made this [date] by [name of guaranteeing entity], a business entity organized under the laws of the State of [name of state], herein referred to as guarantor, to the Department and to any and all third parties, and obligees, on behalf of [owner or operator] of [business address].

(1) Guarantor meets or exceeds the financial test criteria of N.J.A.C. 7:1E-4.5(g) and agrees to comply with the requirements for guarantors as specified in N.J.A.C. 7:1E-4.5(h).

(2) This guarantee satisfies the requirements for assuring funding in the amount of [dollar amount] per occurrence and [dollar amount] annual aggregate for cleanup and removal activities arising from operating the above identified major facility.

(3) [Insert appropriate phrase: "On behalf of our subsidiary" (if guarantor is corporate parent of the owner or operator); "On behalf of our affiliate" (if guarantor is related firm of the owner or substantial business relationship with owner or operator); "Incident to our business relationship with" (if guarantor is providing the guarantee as an incident to a substantial business relationship with owner or operator)] [owner or operator], guarantor guarantees to the Department and to any and all third parties that:

In the event that [owner or operator] fails to provide alternate coverage within 60 days after receipt of a notice of cancellation of this guarantee and the Department has determined or suspects that a discharge has occurred at a facility covered by this guarantee, the guarantor, upon instructions from the Department, shall fund a standby trust fund in an amount sufficient to cover cleanup and removal costs, but not to exceed the coverage limits specified in N.J.A.C. 7:1E-4.5(b).

In the event that the Department determines that [owner or operator] has failed to perform cleanup and removal activities arising out of the operation of the above-identified facility, the guarantor, upon written instructions from the Department, shall fund a standby trust in an amount sufficient to cover cleanup and removal costs, but not to exceed the coverage limits specified above.

(4) Guarantor agrees that if, at the end of any fiscal year before cancellation of this guarantee, the guarantor fails to meet the financial test criteria of N.J.A.C. 7:1E-4.5(g), guarantor shall send within 120 days of such failure, by certified mail, notice to [owner or operator] and the Department. The guarantee will terminate 120 days from the date of receipt of the notice by [owner or operator] or 120 days

from the date of receipt of the notice by the Department, whichever is later, as evidenced by the return receipt.

(5) Guarantor agrees to notify [owner or operator] by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming guarantor as debtor, within 10 days after commencement of the proceeding.

(6) Guarantor agrees to remain bound under this guarantee notwithstanding any modification or alternation of any obligation of [owner or operator] pursuant to N.J.A.C. 7:1E.

(7) Guarantor agrees to remain bound under this guarantee for so long as [owner or operator] must comply with the applicable financial responsibility requirements of N.J.A.C. 7:1E-4.5 for the above-identified facility, except that guarantor may cancel this guarantee by sending notice by certified mail to [owner or operator] and the Department, such cancellation to become effective no earlier than 120 days after receipt of such notice by [owner or operator], as evidenced by the return receipt.

(8) The guarantor's obligation does not apply to any of the following:

(a) Any obligation of [owner or operator] under a workers' compensation, disability benefits, or unemployment compensation law or other similar law;

(b) Bodily injury to an employee of [owner or operator] arising from, and in the course of, employment by [owner or operator];

(c) Bodily injury or property damage not related to a discharge arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;

(d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by [owner or operator] that is not the direct result of a discharge from the facility;

(e) Bodily damage or property damage for which [owner or operator] is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of N.J.A.C. 7:1E-4.5.

(9) Guarantor expressly waives notice of acceptance of this guarantee by the Department or by [owner or operator].

I hereby certify that the wording of this guarantee is identical to the wording specified in Appendix B of N.J.A.C. 7:1E as such rules were constituted on the effective date shown immediately below.

Effective date: \_\_\_\_\_

[Name of guarantor]

[Authorized signature for guarantor]

[Name of persons signing]

[Title of person signing]

Signature of witness or notary: \_\_\_\_\_

B.3 Insurance or risk retention group:

Each insurance policy must be amended by an endorsement worded as specified in paragraph (1) or evidenced by a certificate of insurance worded as specified in paragraph (2), except that instructions in brackets must be replaced with the relevant information and the brackets deleted:

(1) ENDORSEMENT

NAME: [name of each covered location]
ADDRESS: [address of each covered location]

POLICY NUMBER:
PERIOD OF COVERAGE: [current policy period]
NAME OF [INSURER OR RISK RETENTION GROUP]:

ADDRESS OF [INSURER OR RISK RETENTION GROUP]:

NAME OF INSURED:
ADDRESS OF INSURED:

Endorsement:

1. This endorsement certifies that the policy to which the endorsement is attached provides liability insurance, subject to public policy considerations, covering the following facility: [name and address of the facility] for cleanup and removal activities.

The limits of liability are [insert the dollar amount of the "per occurrence" and "annual aggregate" limits of the Insurer's or Group's liability], exclusive of legal defense costs. This coverage is provided under. The effective date of said policy is [date].

2. The insurance afforded with respect to such occurrences is subject to all of the terms and conditions of the policy; provided, however, that any provisions inconsistent with subsections (a) through (e) of this Paragraph 2 are hereby amended to conform with subsections (a) through (e):

a. Bankruptcy or insolvency of the insured shall not relieve the ["Insurer" or "Group"] of its obligations under the policy to which this endorsement is attached.