

POLLUTION PREVENTION PROGRAM RULES

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CHAPTER 1K

POLLUTION PREVENTION PROGRAM RULES

Authority

N.J.S.A. 13:1B-1 et seq.; 13:1D-9; 13:1D-35 et seq.; and 34:5A-1 et seq.

Source and Effective Date

R.1993 d.108, effective March 1, 1993.
See: 24 N.J.R. 3609(a), 25 N.J.R. 930(a), 25 N.J.R. 1549(a).

Executive Order No. 66(1978) Expiration Date

The expiration date of Chapter 1K, Pollution Prevention Program Rules, was extended by gubernatorial directive from March 1, 1999 to March 1, 2000. See: 31 N.J.R. 871(a).

Chapter Historical Note

Chapter 1K, Pollution Prevention Program Rules, was adopted as R.1993 d.108, effective March 1, 1993. See: 24 N.J.R. 3609(a), 25 N.J.R. 930(a), 25 N.J.R. 1549(a).

The Executive Order No. 66(1978) expiration date for Chapter 1K, Pollution Prevention Program Rules, was extended by gubernatorial directive from March 1, 1998 to March 1, 1999. See: 30 N.J.R. 1039(a).

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SUBCHAPTER 1. GENERAL PROVISIONS

7:1K-1.1 Scope

This chapter constitutes the rules of the Department for the administration and implementation of the Pollution Prevention Program established by the Pollution Prevention Act, P.L. 1991, c.235, codified at N.J.S.A. 13:1D-35 et seq. and 34:5A-1 et seq. This chapter applies to the use and release of hazardous substances and the generation of hazardous substances as nonproduct output by industrial facilities and sets forth guidelines and procedures to be followed by priority industrial facilities in the development of Pollution Prevention Plans, Pollution Prevention Plan Summaries and Pollution Prevention Plan Progress Reports as required by the Act. This chapter also provides for the issuance of facility-wide permits to certain priority industrial facilities under the pilot program established by N.J.S.A. 13:1D-48.

Law Review and Journal Commentaries

State Pushes "Incentive Based" Pollution Prevention. F. Michael Zachara, 135 N.J.L.J. No. 8, S10 (1993).

7:1K-1.2 Purpose

(a) It is the purpose of this chapter to promote pollution prevention by:

1. Encouraging the reduction of:
 - i. The use of hazardous substances in industrial and manufacturing processes;
 - ii. The generation of hazardous substances as non-product output; and
 - iii. The multimedia environmental releases of hazardous substances; and
2. Developing a facility-level and process-level accounting system for identifying the use, generation, and release of hazardous substances so that industrial facilities can identify pollution prevention opportunities and implement pollution prevention techniques.

7:1K-1.3 Jurisdiction

(a) This chapter shall apply, to the extent statutorily permissible, to the following Department management actions affecting industrial facilities:

1. Permits, certificates, registrations, or any other relevant Departmental approvals issued to the owner or operator of the industrial facility pursuant to N.J.S.A. 13:1E-1 et seq., 58:10A-1 et seq., or 26:2C-1 et seq.

(b) The pollution prevention concepts and requirements contained in this chapter shall be incorporated, to the extent statutorily permissible, in the Department's policies, procedures and permits.

7:1K-1.4 Relationship of Community Right-to-Know Reporting to Pollution Prevention Reporting

The Department may combine the reporting elements of this chapter with those required for Community Right-to-Know reporting pursuant to N.J.S.A. 34:5A-1 et seq. in order to allow a priority industrial facility to submit a combined reporting form to satisfy the requirements of N.J.A.C. 7:1G and 7:1K.

7:1K-1.5 Definitions

The following words and terms, when used in this chapter, shall have the following meanings unless the context clearly indicates otherwise:

“Act” means the Pollution Prevention Act, N.J.S.A. 13:1D-35 et seq.

“Assertedly confidential information” means information for which a claimant has filed a confidentiality claim in accordance with N.J.A.C. 7:1K-8.2, but for which the Department has not made a final confidentiality determination pursuant to N.J.A.C. 7:1K-9.5.

“Assistant Commissioner” means the Assistant Commissioner for Environmental Regulation or his or her designated representative.

“Base year” means the calendar year prior to the year of the submittal of an industrial facility's Pollution Prevention Plan Summary to the Department.

“Board” means the Pollution Prevention Advisory Board established by N.J.S.A. 13:1D-39.

“Claimant” means any person who submits a confidentiality claim under this chapter.

“Class confidentiality determination” means a confidentiality determination made by the Department under N.J.A.C. 7:1K-9.9, for a class of information.

“Commissioner” means the Commissioner of the Department of Environmental Protection and Energy or his or her designated representative.

“Confidential copy” means a record (or copy thereof) submitted to or obtained by the Department, containing information which the claimant asserts is confidential information.

“Confidential information” means information, including trade secret information, which the Department determines to have satisfied all of the following substantive criteria:

1. The claimant has asserted a confidentiality claim with respect to the information, in compliance with the procedures required by N.J.A.C. 7:1K-8.2, and such confidentiality claim has not expired by its terms, been waived or withdrawn;

2. The claimant has shown that disclosure of the information would be likely to cause substantial damage either to the claimant's competitive position or to national security;

3. The claimant has taken reasonable measures to protect the confidentiality of the information, and intends to continue to take such measures;

4. The information is not, and has not been, available or otherwise disclosed to other persons either by the claimant (except in a manner which protects the confidentiality of the information) or without the consent of the claimant (other than by subpoena or by discovery based on a showing of special need in a judicial proceeding, arbitration, or other proceeding in which the claimant was required to disclose the information to other persons, as long as the information has not been available to persons not involved in the proceeding);

5. The information is not contained in materials which are routinely available to the general public, including without limitation initial and final orders in contested case adjudications, press releases, copies of speeches, pamphlets and educational materials;

6. The claimant has not waived the confidentiality claim for the information; and

7. No law, regulation, administrative rule (including, without limitation, N.J.A.C. 7:1K-10 or any other administrative rule of the Department), or order by a court or other tribunal of competent jurisdiction specifically requires disclosure of the information or provides that the information is not confidential information.

“Confidentiality claim” or “claim” means, with respect to information that a person is required either to submit to the Department, or allow the Department to obtain, a written request by such person that the Department treat such information as confidential information.

“Confidentiality determination” means a determination by the Department that assertedly confidential information is or is not confidential information.

“Consume” means to change or alter the molecular structure of a hazardous substance within a production process.

“Contract” means an agreement between the Department and a contractor, for which the Department has determined that it is necessary for the contractor to have access to

confidential information to enable the contractor to perform the duties required by such agreement.

"Contractor" means a person, other than an employee of the Department, who has entered into an agreement with the Department to perform services or to provide goods for the Department.

"Co-product" means one or more incidental result(s) of a production process that is not a primary product of the production process and that is sold in trade in the channels of commerce to the general public in the same form as it is produced, for any purpose except the purpose of energy recovery. A co-product is not considered nonproduct output. Increases in quantities of co-products do not count towards use reduction or nonproduct output reduction goals.

"Department" means the Department of Environmental Protection and Energy, its successors and assigns.

"Facility" means all buildings, equipment, structures, and other property that are located on a single site or on contiguous or adjacent sites and that are owned or operated by the same person.

"Facility-wide permit" means a single permit issued by the Department to the owner or operator of a priority industrial facility incorporating the permits, certificates, registrations, or any other relevant Department approvals previously issued to the owner or operator of the priority industrial facility pursuant to the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., and the appropriate provisions of the Pollution Prevention Plan prepared by the owner or operator of the priority industrial facility pursuant to N.J.S.A. 13:1D-41 and 42.

"Form DEQ-114" means the reporting form issued by the Department which is used to fulfill the Environmental Release and Pollution Prevention reporting requirements of the environmental survey, Part II, pursuant to N.J.S.A. 34:5A-1 et seq.

"Hazardous substance" means any substance on the list established by the United States Environmental Protection Agency for reporting pursuant to 42 U.S.C. § 11023, and any other substance which the Department defines as a hazardous substance for the purposes of the Act pursuant to N.J.A.C. 7:1K-3.5.

"Hazardous waste" means any solid waste defined as hazardous waste by the Department pursuant to N.J.S.A. 13:1E-1 et seq.

"Industrial facility" means any facility having a Standard Industrial Classification, as designated in the Standard Industrial Classification Manual prepared by the Federal Office of Management and Budget, within the Major Group Numbers, Group Numbers, or Industry Numbers listed in N.J.S.A. 34:5A-3 and which is subject to the regulatory requirements of the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., or the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq.

"In-process recycling" means returning a hazardous substance to a production process using dedicated equipment that is directly connected to and physically integrated with a production process or production processes and is operated in a manner that reduces the generation of nonproduct output or the multi-media release of hazardous substances.

"Intermediate product" means one or more desired result(s) of a production process that is made into a product in a subsequent production process at the same industrial facility, without the need for pollution treatment prior to its being made into a product. An intermediate product is not considered nonproduct output.

"Manufacture" means to produce, prepare, import, or compound a hazardous substance.

"Multimedia release" means the release of a hazardous substance to any environmental medium, or any combination of media, including the air, water or land, and includes any release into workplaces.

"Nonproduct output" or "NPO" means all hazardous substances or hazardous wastes that are generated prior to storage, out-of-process recycling, treatment, control or disposal, and that are not intended for use as a product. Nonproduct output includes fugitive releases.

"Offense" means each individual violation of the Act or of any rule promulgated, or administrative order, operating certificate, registration requirement or permit issued pursuant thereto. Subsequent offenses are not conditioned upon a prior conviction, final order, or entry of judgment. In addition, a single administrative order and notice of civil administrative penalty assessment may relate to more than one offense.

"Office" means the Office of Pollution Prevention established in the Department pursuant to N.J.S.A. 13:1D-38.

"Operator" means any person in control of, or exercising responsibility for, the daily operation of an industrial facility or a priority industrial facility.

"Owner" means any person who owns an industrial facility or a priority industrial facility.

“Person” means any individual, partnership, company, corporation, society, firm, consortium, joint venture, or any commercial or other legal entity.

“Pilot facility” means a facility or designated area of a facility used for pilot-scale development of products or processes not primarily involved in the production of goods for commercial sale.

“Pollution prevention” means: changes in production technologies, raw materials or products, that result in the reduction of the demand for hazardous substances per unit of product manufactured and the creation of hazardous products or nonproduct outputs; or changes in the use of raw materials, products, or production technologies that result in the reduction of the input use of hazardous substances and the creation of hazardous by-products or destructive results; or on-site facility changes in production processes, products, or the use of substitute raw materials that result in the reduction of the amount of hazardous waste generated and disposed of on the land of hazardous substances discharged into the air or water per unit of product manufactured prior to treatment and that reduce or eliminate, without shifting, the risks that the use of hazardous substances at an industrial facility pose to employees, consumers, and the environment and human health. “Pollution prevention” includes, but is not limited to, raw material substitution, product reformulation, production process redesign or modification, in-process recycling, and improved operation and maintenance of production process equipment. “Pollution prevention” does not include any action or change entailing a substitution of one hazardous substance, product or nonproduct output for another that results in the creation of substantial new risk, and does not include treatment, increased pollution control, out-of-process recycling, or incineration.

“Pollution Prevention Assessment” means an assessment of potential pollution prevention opportunities for the use, generation and release of non-hazardous substances, prepared by an owner or operator of a priority industrial facility that is covered by an effective facility-wide permit issued by the Department, containing the same elements as those required for hazardous substances by N.J.A.C. 7:1K-4.3 and 4.5.

“Pollution Prevention Planning Guidance Document” means a document prepared by the Department pursuant to N.J.S.A. 13:1D-40(b), setting forth the administrative and regulatory requirements for preparing Pollution Prevention Plans, Pollution Prevention Plan Summaries, and Pollution Prevention Plan Progress Reports, and providing additional information which may be used by industrial facilities for pollution prevention planning.

“Pollution Prevention Plan” means a plan required to be prepared by an industrial facility pursuant to N.J.S.A. 13:1D-41 and 42 and N.J.A.C. 7:1K-3 and 4.

“Pollution prevention planning” means the preparation by a priority industrial facility of a Pollution Prevention Plan, Plan Summary, and Plan Progress Report pursuant to this chapter, and includes any reporting of information to the Department required by this chapter as part of the preparation or submittal of pollution prevention planning documents.

“Pollution Prevention Plan Progress Report” or “Plan Progress Report” means a report required to be submitted annually to the Department by the owner or operator of an industrial facility pursuant to N.J.S.A. 13:1D-41 and 42 and N.J.A.C. 7:1K-3 and 6.

“Pollution Prevention Plan Summary” or “Plan Summary” means a summary of a Pollution Prevention Plan required to be prepared by an industrial facility and submitted to the Department pursuant to N.J.S.A. 13:1D-41 and 42 and N.J.A.C. 7:1K-3 and 5.

“Preliminary public copy” means a copy of a record held by the Department, identical to the confidential copy except that any assertedly confidential information has been blacked out; provided, however, that if the record is not in a form in which confidential information can be concealed by blacking out, the “preliminary public copy” shall be a copy of such record from which such confidential information has been deleted, containing notations stating where deletions have been made.

“Priority industrial facility” means:

1. Any industrial facility required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023; or
2. Any other industrial facility designated by the Department as a priority industrial facility pursuant to the criteria and procedure at N.J.A.C. 7:1K-3.2.

“Product” means one or more desired result(s) of a production process that is used as a commodity in trade in the channels of commerce by the general public in the same form as it is produced. Products include intermediate products transferred to a separate industrial facility owned or operated by the same owner or operator.

“Production process” means a process, line, method, activity or technique, or a series or combination of processes, lines, methods or techniques used to produce a product or reach a planned result.

“Raw Material Substitution Certification” means a list of individual hazardous substances used in specific targeted production processes at a priority industrial facility, for which the owner or operator of the industrial facility has determined through preparation and completion of a Pollution Prevention Plan and has certified to the Department that it is not technically or economically feasible to reduce the input-use of the hazardous substance below current

levels by replacing the hazardous substance with a different raw material in the specific production process.

“Record” means any document, writing, photograph, sound or magnetic recording, drawing, or other similar thing by which information has been preserved and from which information can be retrieved and copied.

“Requester” means a person who has made a request to the Department to inspect or copy records which the Department possesses or controls.

“Research and development laboratory” means a facility or a specially designated area of a facility used primarily for research, development, and testing activity, and not primarily involved in the production of goods for commercial sale, in which hazardous substances are used by, or under, the direct supervision of a technically qualified person.

“Source” means a point or location in a production process at which a nonproduct output is generated or released, provided, however, that similar, related or identical kinds of sources may be considered a single source for the purposes of the Act pursuant to the criteria at N.J.A.C. 7:1K-4.2.

“Substantiation” means information which a claimant submits to the Department in support of a confidentiality claim pursuant to N.J.A.C. 7:1K-9.3.

“Targeted production process” means any production process which significantly contributes to the use or release of hazardous substances or the generation of nonproduct output, as determined by the owner or operator of a priority industrial facility pursuant to criteria established by the Department at N.J.A.C. 7:1K-4.4.

“Targeted source” means any source which significantly contributes to the generation of nonproduct output, as determined by the owner or operator of a priority industrial facility pursuant to criteria established by the Department at N.J.A.C. 7:1K-4.4.

“TRI list” means the Toxic Release Inventory (TRI) list established by the United States Environmental Protection Agency for reporting pursuant to 42 U.S.C. § 11023.

“Unit of product” means a unit used to measure the total quantity of product(s), co-product(s) and/or intermediate product(s) produced by a production process, and which is not changed by an industrial facility from year to year.

“Violation” means a violation of any provision of the Act, or any rule or regulation, administrative order, or facility-wide permit adopted or issued pursuant to the Act.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-1.6 Construction

These rules shall be liberally construed to permit the Department to discharge its statutory functions under the Act.

7:1K-1.7 Severability

If any subchapter, section, subsection, paragraph, subparagraph, provision, clause or portion of this chapter or the application thereof to any person or circumstance is adjudged invalid or unconstitutional by a court of competent jurisdiction, the remainder of this chapter and the application thereof to other persons or circumstances shall not be affected thereby, and shall remain in full force and effect.

7:1K-1.8 Access to public information

Interested persons may obtain information on the pollution prevention program, copies of pollution prevention reporting forms, and copies of the Pollution Prevention Planning Guidance Document by contacting:

Office of Pollution Prevention

Department of Environmental Protection and Energy

CN 423

Trenton, New Jersey 08625-0423

(609) 777-0518

SUBCHAPTER 2. POLLUTION PREVENTION ADVISORY BOARD

7:1K-2.1 Pollution Prevention Advisory Board

(a) The Pollution Prevention Advisory Board shall advise the Department in matters related to the administration of the Act and shall monitor the expenditure of money in the Pollution Prevention Fund established by N.J.S.A. 13:1D-50.

(b) The appointment and membership of the Board shall be as provided at N.J.S.A. 13:1D-39. A majority of the membership of the Board shall constitute a quorum for the transaction of board business. Action may be taken and motions adopted by the Board at any meeting thereof by the affirmative vote of a majority of the members of the Board present and voting. Members of the Board shall serve without compensation but the Board may, within the limits of funds appropriated or otherwise made available to it for such purposes, reimburse its members for reasonable and necessary expenses incurred in the discharge of their official duties.

(c) The Board may:

1. Review any matters submitted to it by the Department concerning any aspect of the provisions or implementation of the Act and report its recommendations to the Department;
2. Conduct an ongoing review of the implementation of the Act and submit any recommendations for administrative or legislative changes it deems necessary to the Department;
3. Investigate techniques to develop standardized classifications of production processes employed by industrial facilities, and investigate the feasibility of utilizing such techniques in the development and implementation of Pollution Prevention Plans;
4. Advise the Department on the interpretation of information submitted in Pollution Prevention Plan Summaries and Pollution Prevention Plan Progress Reports and on the content of Pollution Prevention Plans, Plan Summaries, and Plan Progress Reports;
5. Review the scientific literature concerning the occupational, public health, and environmental risks presented by exposures to specific hazardous substances, evaluate scientific interpretations of these risks, and assess the risks of the discharge of these hazardous substances into different environmental media;
6. Review and evaluate the impact of reductions in the use or discharge of specific hazardous substances on employment levels;
7. Conduct periodic reviews of the criteria adopted by the Department for the preparation of Pollution Prevention Plans, Plan Summaries, and Plan Progress Reports and, if deemed necessary, make recommendations to the Department for administrative changes;
8. Study and evaluate the practicability and feasibility of achieving hazardous substance pollution prevention without reductions in employment levels through the use of substitute substances, alternative procedures or processes, or other means;
9. Conduct research, or hold public hearings concerning the continued use, production, manufacture, discharge, or disposal of any hazardous substance in the State and the threat that this use, production, manufacture, discharge, or disposal poses to human health or the environment, and, if warranted, make a written recommendation to the Governor and the Legislature concerning the prohibition of, or restrictions on, the continued use, production, manufacture, discharge, or disposal of the hazardous substance in the State, except that the Board shall not conduct research or hold public hearings concerning the siting of hazardous waste facilities; and
10. Review the expenditure by the Department of monies deposited in the Pollution Prevention Fund established pursuant to N.J.S.A. 13:1D-50.

SUBCHAPTER 3. POLLUTION PREVENTION PLANNING REQUIREMENTS

7:1K-3.1 Preparation and submission of pollution prevention planning documents by priority industrial facilities

(a) The owner or operator of a priority industrial facility required to prepare and submit a toxic chemical release form for calendar year 1993 pursuant to 42 U.S.C. § 11023 and having a Standard Industrial Classification, as designated by the Federal Office of Management and Budget, within Major Group Numbers 26, 28, 30, 33 and 34, shall:

1. Prepare Parts IA and II of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) and 4.5 and submit a Pollution Prevention Plan Summary to the Department in accordance with N.J.A.C. 7:1K-5.1 on or before July 1, 1994;
2. Prepare Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by July 1, 1995;
3. Update Part IB of the Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-3.7 and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by each July 1 thereafter; and
4. Revise or modify the industrial facility's Pollution Prevention Plan or Plan Summary as required by N.J.A.C. 7:1K-3.6 and 3.8.

(b) The owner or operator of a priority industrial facility required to prepare and submit a toxic chemical release form for calendar year 1995 pursuant to 42 U.S.C. § 11023 and having a Standard Industrial Classification other than those enumerated in (a) above shall:

1. Prepare Parts IA and II of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) and 4.5 and submit a Pollution Prevention Plan Summary to the Department in accordance with N.J.A.C. 7:1K-5.1 on or before July 1, 1996;
2. Prepare Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by July 1, 1997;
3. Update Part IB of the Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-3.7 and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by each July 1 thereafter; and

4. Revise or modify the industrial facility's Pollution Prevention Plan or Plan Summary as required by N.J.A.C. 7:1K-3.6 and 3.8.

(c) The owner or operator of an industrial facility that is not required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023, but which is designated as a priority industrial facility for pollution prevention planning purposes pursuant to N.J.A.C. 7:1K-3.2, shall:

1. Prepare Parts IA and II of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) and 4.5 and submit a Pollution Prevention Plan Summary to the Department in accordance with N.J.A.C. 7:1K-5.1 within 18 months of receipt of the Department's final directive designating the industrial facility as a priority industrial facility;

2. Prepare Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by July 1 of the year following the submittal of the industrial facility's first Pollution Prevention Plan Summary to the Department;

3. Update Part IB of the Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-3.7 and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by each July 1 thereafter; and

4. Revise or modify the industrial facility's Pollution Prevention Plan or Plan Summary as required by N.J.A.C. 7:1K-3.6 and 3.8.

(d) The owner or operator of a priority industrial facility who was not required to prepare and submit pollution prevention planning documents pursuant to (a) or (b) above, but who subsequently becomes subject to the filing of a toxic chemical release form pursuant to 42 U.S.C. § 11023 shall:

1. Prepare Parts IA and II of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) and 4.5 and submit a Pollution Prevention Plan Summary to the Department in accordance with N.J.A.C. 7:1K-5.1 within 18 months of becoming subject to the filing of a toxic chemical release form pursuant to 42 U.S.C. § 11023;

2. Prepare Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by July 1 of the year following the submittal of the industrial facility's first Pollution Prevention Plan Summary to the Department;

3. Update Part IB of the Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-3.7 and submit a Pollution Prevention Plan Progress Report to the Department in accordance with N.J.A.C. 7:1K-6.1 by each July 1 thereafter; and

4. Revise or modify the industrial facility's Pollution Prevention Plan or Plan Summary as required by N.J.A.C. 7:1K-3.6 and 3.8.

(e) The owner or operator of a priority industrial facility who is no longer required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023 is no longer subject to the pollution prevention planning requirements of this chapter, unless designated as a priority industrial facility pursuant to N.J.A.C. 7:1K-3.2.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-3.2 Designation of individual industrial facilities not subject to 42 U.S.C. § 11023 as priority industrial facilities

(a) The Department may issue a directive to an owner or operator of an individual industrial facility which is not required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023 designating the industrial facility as a priority industrial facility for pollution prevention planning purposes in accordance with the criteria and procedures in this section.

(b) The Department may issue a directive designating an individual industrial facility which is not required to prepare and submit a toxic chemical release form pursuant to 42 U.S.C. § 11023 as a priority industrial facility for pollution prevention planning purposes if it determines that the industrial facility meets one or more of the following criteria:

1. The industrial facility uses or manufactures a hazardous substance in a quantity greater than the threshold established for the hazardous substance pursuant to N.J.A.C. 7:1K-3.4(a) or (b);

2. The volume of hazardous substances or hazardous wastes used, generated or released at the industrial facility contributes more than 10 percent to the total amount of hazardous substances used, generated or released in the State or region of the State;

3. The industrial facility has a history of unpermitted releases or non-compliance with the terms of any permit, certificate, registration, or any other relevant Department approval issued to the owner or operator of the industrial facility pursuant to N.J.S.A. 13:1D-1 et seq., 13:1E-1 et seq., 58:10A-1 et seq., or 26:2C-1; or

4. The industrial facility is the subject of emergency management actions taken by the Department under the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., including, but not limited to, actions pertaining to landfill capacity or sludge management.

(c) The procedure for issuing a draft directive designating an individual industrial facility as a priority industrial facility for pollution prevention planning purposes is as follows:

1. The Department shall prepare a draft directive containing a written finding that, based on one or more of the criteria at (b) above, requiring the industrial facility to conduct pollution prevention planning is likely to result in a reduction in the use or release of hazardous substances or the generation of hazardous waste or nonproduct output at the industrial facility and a reduction in the threat posed to the environment or public health by the use or release of hazardous substances or the generation of hazardous waste or nonproduct output at the industrial facility;

2. The draft directive shall be signed by the Director of the Office of Pollution Prevention or his or her designee;

3. The draft directive shall be mailed by the Department to the industrial facility by certified mail; and

4. The Department shall notify the public of the issuance of the draft directive by commonly available public notice mechanisms.

(d) The procedure for the issuance of a final directive designating an individual industrial facility as a priority industrial facility for pollution prevention planning purposes is as follows:

1. If the owner or operator of an industrial facility designated as a priority industrial facility for pollution prevention planning purposes believes that the written findings contained in the draft directive are incomplete or inaccurate, or otherwise disagrees with the Department's written findings, he or she may appeal the draft directive in writing to the Assistant Commissioner within 30 calendar days following his or her receipt of the draft directive. Such appeal shall identify the specific written finding(s) the owner or operator believes to be incomplete or inaccurate or with which the owner or operator disagrees and shall include any documentation necessary to support the owner or operator's claims;

2. The Assistant Commissioner shall review all appeals of draft directives under (d)1 above, and shall issue a final determination or final directive within 30 calendar days following receipt of the owner or operator's appeal. This shall constitute the final agency action of the Department on the directive; and

3. If the owner or operator of an industrial facility designated as a priority industrial facility for pollution prevention planning purposes does not appeal the issuance of the draft directive pursuant to (d)1 above, the draft directive becomes a final directive on the 30th day following receipt of the draft directive by the owner or operator.

(e) The owner or operator of an individual industrial facility designated as a priority industrial facility for pollution prevention planning purposes shall prepare a Pollution Prevention Plan and submit to the Department a Pollution

Prevention Plan Summary within 18 months of receipt of the Department's final directive, and shall submit to the Department a Pollution Prevention Plan Progress Report each July 1 thereafter.

7:1K-3.3 Designation of SIC Code(s) as priority industrial facilities (Reserved)

7:1K-3.4 Scope of pollution prevention planning documents

(a) The owner or operator of a priority industrial facility is required to include in the industrial facility's Pollution Prevention Plans, Pollution Prevention Plan Summaries, and Pollution Prevention Plan Progress Reports information on any hazardous substance which is used or manufactured at the industrial facility in quantities above 10,000 pounds per year, or in quantities exceeding a lower threshold for the hazardous substance set by the Department in accordance with N.J.A.C. 7:1K-3.5(b), measured on a facility-wide basis, and which is listed on either:

1. The Toxic Release Inventory (TRI) list established by the United States Environmental Protection Agency for reporting of hazardous substances pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, 42 U.S.C. § 11023; or

2. The list of additional hazardous substances designated by the Department for pollution prevention planning purposes pursuant to N.J.A.C. 7:1K-3.5 and appearing at Appendix A.

(b) The owner or operator of a priority industrial facility is not required to include in a Pollution Prevention Plan, Plan Summary or Plan Progress Report the following:

1. Information concerning a research and development laboratory, as defined at N.J.A.C. 7:1K-1.5, located at the industrial facility, for which the owner or operator has received a research and development laboratory exemption pursuant to the procedure at N.J.A.C. 7:1G-3.2(a)2;

2. Information concerning a pilot facility, as defined at N.J.A.C. 7:1K-1.5, for which the owner or operator has received a pilot facility exemption pursuant to the procedure at N.J.A.C. 7:1G-3.2(a)2;

3. Information concerning non-hazardous substances or product formulas for mixtures that include non-hazardous substances.

(c) The owner or operator of a priority industrial facility is not required to include in Part IB or Part II of a Pollution Prevention Plan or in a Pollution Prevention Plan Progress Report information pertaining to improvements in pollution prevention for production processes established after January 1, 1992, until the first five-year revision of the Pollution Prevention Plan and Pollution Prevention Plan Summary is prepared for the industrial facility at which the production process is carried out after the establishment of the produc-

tion process, or until five years after the establishment of the production process, whichever is later. See N.J.A.C. 7:1K-3.9(c).

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-3.5 Threshold quantities for pollution prevention planning

(a) Except as otherwise provided by (b) below, the owner or operator of a priority industrial facility is required to include in a Pollution Prevention Plan, Pollution Prevention Plan Summary, and Pollution Prevention Plan Progress Report information on any hazardous substance which is used or manufactured by the industrial facility in quantities above 10,000 pounds per year, measured on a facility-wide basis.

(b) If the Department determines that the use or manufacture of a particular hazardous substance in quantities less than 10,000 pounds poses a significant risk to human health, including risks to occupational and consumer health, or the environment, it may require the owners or operators of priority industrial facilities to incorporate pollution prevention planning for the substance in quantities less than 10,000 pounds into their Pollution Prevention Plans, Plan Summaries, and Plan Progress Reports, as follows:

1. The Department may lower the pollution prevention planning threshold for a hazardous substance by adding the hazardous substance to Appendix B, Pollution Prevention Planning Thresholds Less Than 10,000 Pounds, incorporated herein by reference through rulemaking in accordance with the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq. A proposal to lower the pollution prevention planning threshold for a hazardous substance shall specifically include, in addition to the requirements of N.J.A.C. 1:30:

- i. The chemical identity and Chemical Abstract Service (CAS) number of the hazardous substance;
- ii. A brief basis and background for the Department's determination that the use or manufacture of a particular hazardous substance in quantities less than 10,000 pounds poses a significant risk to human health, including risks to occupational and consumer health, or the environment; and
- iii. The new threshold planning quantity for the hazardous substance, in pounds.

(c) The owner or operator of a priority industrial facility which uses or manufactures a substance for which the Department has lowered the pollution prevention planning threshold shall revise the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary to incorporate information consistent with the new threshold for that substance. The revised Pollution Prevention Plan Summary shall be submitted to the Department within 12 months of the adoption of a lower pollution prevention planning threshold for the hazardous substance, and Pollution Prevention Progress Reports reflecting reporting for the revised threshold shall be submitted to the Department each July 1 thereafter.

7:1K-3.6 Additional hazardous substances for which pollution prevention planning is required

(a) The Department may designate a hazardous substance not on the TRI list to Appendix A, Additional Hazardous Substances For Pollution Prevention Planning, through rulemaking in accordance with the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., upon consideration of all of the following criteria:

1. Prior regulation as a hazardous substance pursuant to 42 U.S.C. § 11023; the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq.; Section 4 of the Toxic Catastrophe Prevention Act, N.J.S.A. 13:1K-9 et seq.; or the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. § 9601;
2. The risk to human health or the environment due to the toxicity of the hazardous substance; and
3. Evidence of the production of the hazardous substance in commercial quantities that are used as a commodity in trade in the channels of commerce by the general public.

(b) A rule proposal to designate a hazardous substance not on the TRI list to Appendix A, Additional Hazardous Substances For Pollution Prevention Planning, incorporated herein by reference, shall specifically include, in addition to the requirements of N.J.A.C. 1:30:

1. The chemical identity and Chemical Abstract Service (CAS) number of the hazardous substance;
2. A brief basis and background for the Department's determination that, considering the criteria in (a) above, the toxicity of the hazardous substance justifies its designation to Appendix A, Additional Substances For Pollution Prevention Planning; and
3. The proposed threshold planning quantity for the hazardous substance, in pounds. If the proposed threshold planning quantity is less than 10,000 pounds, the proposal shall also contain the information required by N.J.A.C. 7:1K-3.4(b).

(c) The owner or operator of a priority industrial facility that uses or manufactures a substance designated by the Department to Appendix A as an additional hazardous substance for which pollution prevention planning is required shall revise the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary to include reporting on the newly added substance. The revised Pollution Prevention Plan Summary shall be submitted to the Department within 12 months of the adoption of this listing, and Pollution Prevention Progress Reports reflecting reporting for the newly added substance shall be submitted to the Department each July 1 thereafter.

7:1K-3.7 Five-year revision of Pollution Prevention Plans and Pollution Prevention Plan Summaries

The owner or operator of a priority industrial facility is required to prepare a complete revision of the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary by July 1 of the fifth year after the year of the initial completion of Part IA of the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary, and by July 1 of each fifth year thereafter.

7:1K-3.8 Annual Pollution Prevention Plan updates

The owner or operator of a priority industrial facility is required to annually update the information required to be recorded in Part IB of a Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-3.1 and 4.3(c).

7:1K-3.9 Pollution Prevention Plan, Pollution Prevention Plan Summary and Pollution Prevention Plan Progress Report modifications

(a) The owner or operator of a priority industrial facility is required to modify the information required to be recorded or reported in a Pollution Prevention Plan, Plan Summary, or Plan Progress Report if the industrial facility:

1. Ceases operation of a targeted production process or significantly expands the operation of a targeted production process;
2. Installs a new and different primary component in a targeted production process or removes a primary component from a targeted production process, unless the installation or removal of the component results from the implementation of pollution prevention techniques at the industrial facility;
3. Uses a hazardous substance, or generates or releases a nonproduct output or hazardous waste, at a targeted production process, in quantities above the threshold established for the hazardous substance under N.J.A.C. 7:1K-3.4, which was not used, released or generated when the industrial facility's current Pollution Prevention Plan was completed;
4. Reclassifies an existing nonproduct output as a product, intermediate product, or co-product;
5. Modifies a grouping decision that affects a targeted process; or
6. Modifies a targeting decision pursuant to N.J.A.C. 7:1K-4.4.

(b) The owner or operator of a priority industrial facility may voluntarily modify the information required to be recorded or reported in a Pollution Prevention Plan, Plan Summary or Plan Progress Report, at any time in order to update the Pollution Prevention Plan, Plan Summary or Plan Progress Report.

(c) The owner or operator of a priority industrial facility is not required to include in Part IB or Part II of a Pollution Prevention Plan or in a Pollution Prevention Plan Progress Report information pertaining to improvements in pollution prevention for a production process established after January 1, 1992 until the first five-year revision of the Pollution Prevention Plan and Plan Summary is prepared for the industrial facility at which the production process is carried out after the establishment of the production process, or until five years after the establishment of the production process, whichever is later, subject to the following:

1. For the purposes of this subsection, a production process shall be considered to be established after January 1, 1992, if it meets any one of the following criteria:
 - i. The production process results in production of a new product, new co-product, or new intermediate product after January 1, 1992 which was not identified in the industrial facility's most recent Pollution Prevention Plan;
 - ii. The production process results in production after January 1, 1992 of a product whose new active ingredient is chemically different from other products made at the industrial facility; or
 - iii. The production process results in production after January 1, 1992 of a product which is made by a different chemical route from other products made at the industrial facility, except for an improvement in the established chemistry such as a more efficient catalyst.
2. If an existing production process generates nonproduct output which is subsequently sold or designated as a product, co-product, or intermediate product, it shall not be considered a production process established after January 1, 1992.
3. For production processes established after January 1, 1992, the owner or operator of a priority industrial facility is required to complete all pollution prevention planning requirements for Part I of a Pollution Prevention Plan, N.J.A.C. 7:1K-4.3, not less than one year but no more than two years after establishing the new production process. This requirement shall be included as part of an annual update or five-year revision of the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-3.6 or 3.7.

(d) In the event that one or more hazardous substances are added to the TRI list, the owner or operator of a priority industrial facility shall modify the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary to include information on the newly listed substances. The modified Pollution Prevention Plan Summary shall be submitted to the Department no later than July 1 of the calendar year following the calendar year that the new substances are required to be included in the priority industrial facility's annual TRI reporting, and Pollution Prevention Progress Reports reflecting reporting for the newly

listed substance shall be submitted on July 1 annually thereafter.

(e) If any of the changes described in (a) above occur at a priority industrial facility during the reporting year, the owner or operator of a priority industrial facility shall review the following sections of its current Pollution Prevention Plan and Plan Summary as they apply to targeted production processes:

1. Facility-level inventory data required in Part IA of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.3(b)2);
2. Process-level inventory data required in Part IA of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.3(b)3);
3. Facility-level and process-level pollution prevention reductions required to be recorded in Part IB of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.3(c)1) or reported in a Pollution Prevention Progress Report (see N.J.A.C. 7:1K-6.1(c)4);
4. Process-level pollution prevention reductions required to be recorded in Part IB of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.3(c)2) or reported in a Pollution Prevention Progress Report (see N.J.A.C. 7:1K-6.1(c)5);
5. Five-year pollution prevention goals required in Part II of a Pollution Prevention Plan and in a Pollution Prevention Plan Summary (see N.J.A.C. 7:1K-4.5(a)7 through 10 and N.J.A.C. 7:1K-5.1(b)3);
6. Description of targeted production processes required in Part II of a Pollution Prevention Plan and in a Pollution Prevention Plan Summary (see N.J.A.C. 7:1K-4.5(a)1 and N.J.A.C. 7:1K-5.1(b)4i);
7. Planned pollution prevention options required in Part II of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.5(a)6); and
8. Implementation schedules for pollution prevention options required in Part II of a Pollution Prevention Plan (see N.J.A.C. 7:1K-4.5(a)11).

(f) If any of the reporting items listed in (e) above change as a result of the process changes described in (a) above, the owner or operator of a priority industrial facility shall submit substitute pages containing the revised information for the Pollution Prevention Plan Summary at the same time it submits the industrial facility's annual Pollution Prevention Plan Progress Report for the year in which the changes took place. The owner or operator may also prepare substitute pages containing the revised information for inclusion in the industrial facility's Pollution Prevention Plan, and shall modify the industrial facility's pollution prevention goals as appropriate to reflect these changes as part of the Pollution Prevention Plan Progress Report for the reporting year in which the changes took place and each subsequent year.

(g) The owner or operator of a priority industrial facility may, but is not required to, re-target its processes under N.J.A.C. 7:1K-4.4 or prepare a new Pollution Prevention Plan as part of the modification of its Pollution Prevention Plan, Plan Summary or Plan Progress Report pursuant to this section.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-3.10 Department review of Pollution Prevention Plans, Plan Summaries and Plan Progress Reports

(a) The owner or operator of a priority industrial facility shall maintain a copy of the Pollution Prevention Plan, Plan Summary and Plan Progress Report for the industrial facility at the industrial facility, and these documents shall be available for inspection and review by the Department.

(b) The Department may require the owner or operator of a priority industrial facility to make any revisions or modifications to a Pollution Prevention Plan, Plan Summary or Plan Progress Report necessary for compliance with the provisions of the Act or this chapter.

(c) The Department shall conduct its review of Pollution Prevention Plans, Plan Summaries and Plan Progress Reports by applying the following review criteria:

1. For the purposes of review and/or enforcement action under N.J.A.C. 7:1K-12, the Department shall determine and evaluate the following:

i. Whether the industrial facility has prepared a Pollution Prevention Plan, Plan Summary and/or Plan Progress Report as required by N.J.A.C. 7:1K-3.1, 3.6 or 3.8;

ii. Whether the Pollution Prevention Plan is administratively complete. Administrative completeness review shall consist of a review by the Department to determine whether the items identified in N.J.A.C. 7:1K-4.3 and 4.5 have been included in the Pollution Prevention Plan, the items identified in N.J.A.C. 7:1K-5.1 have been included in the Pollution Prevention Plan Summary, and the items identified in N.J.A.C. 7:1K-6.1 have been included in the Pollution Prevention Plan Progress Report;

2. For the purposes of review, but not for the purposes of enforcement action under N.J.A.C. 7:1K-12, the Department shall determine and evaluate the following:

i. Whether the industrial facility's grouping decision includes a pollution treatment or control system or out-of-process recycling system as prohibited by N.J.A.C. 7:1K-4.2(d);

ii. Whether the pollution prevention methods contained in the Pollution Prevention Plan, Plan Summary and Plan Progress Report are consistent with the definition of pollution prevention found at N.J.A.C. 7:1K-1.5. Pollution prevention methods include, but are not limited to:

(1) Pollution prevention methods considered by the industrial facility for targeted sources or production processes pursuant to N.J.A.C. 7:1K-4.5(a)3;

(2) Pollution prevention methods proposed by the industrial facility to achieve its use and nonproduct output reduction goals pursuant to N.J.A.C. 7:1K-4.5(a)5; and

(3) Pollution prevention activities that occurred prior to 1987 and which are recorded in a Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.3(b)2v;

iii. How an owner or operator's grouping decisions under N.J.A.C. 7:1K-4.2 and 4.3(b)3iii impacts:

(1) The number of production processes at the industrial facility listed in the industrial facility's Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.3(b)3;

(2) The number of sources at the industrial facility listed in the industrial facility's Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.5(a)6;

(3) The unit of product for each grouped process, determined in accordance with N.J.A.C. 7:1K-4.3(b)3ii and iii;

(4) The industrial facility's targeting decision pursuant to N.J.A.C. 7:1K-4.4;

(5) The identification of available and viable pollution prevention options at the industrial facility under N.J.A.C. 7:1K-4.5(a)4 and 6;

(6) The development of pollution prevention goals for the industrial facility pursuant to N.J.A.C. 7:1K-4.5(a)7 through 10; and

(7) The tracking of progress towards the industrial facility's pollution prevention goals;

iv. How an owner or operator's targeting decision under N.J.A.C. 7:1K-4.4 impacts:

(1) The development of pollution prevention goals for the industrial facility pursuant to N.J.A.C. 7:1K-4.5(a)7 through 10; and

(2) The development of source-specific information pursuant to N.J.A.C. 7:1K-4.5(a)2;

v. The value of Total Cost Assessment methods to the industrial facility's financial analysis under N.J.A.C. 7:1K-4.3(b)6 and 4.5(a)5ii;

vi. The industrial facility's methods for incorporating pollution prevention into corporate policies and decision-making;

vii. The industrial facility's methods for obtaining process-level and source-level estimates of use and nonproduct output;

viii. The industrial facility's unit of product for tracking pollution prevention progress, determined in accordance with N.J.A.C. 7:1K-4.3(b)3ii;

ix. How the identification of products and production processes under N.J.A.C. 7:1K-4.3(b)3ii affects pollution prevention planning and reporting at the industrial facility;

x. Whether any current environmental rules or regulations are obstacles to implementing pollution prevention methods identified in the industrial facility's Pollution Prevention Plan; and

xi. If applicable, whether the industrial facility has met the requirements for a Raw Material Substitution Certification set forth in N.J.A.C. 7:1K-4.6.

(d) If the Department determines through its review under (c) above that a priority industrial facility has not prepared a Pollution Prevention Plan, Plan Summary or Plan Progress Report as required by N.J.A.C. 7:1K-3.1 or that a Pollution Prevention Plan, Plan Summary or Plan Progress Report is administratively incomplete, it shall issue an administrative order in accordance with N.J.A.C. 7:1K-12.2 directing the owner or operator to prepare a Pollution Prevention Plan, Plan Summary or Plan Progress Report or modify the industrial facility's Pollution Prevention Plan, Plan Summary or Plan Progress Report.

(e) If the Department determines through its review under (c) above that it is possible for a priority industrial facility to improve its Pollution Prevention Plan, Plan Summary or Plan Progress Report, it may issue an opinion letter to the priority industrial facility in accordance with the following:

1. The Department may issue an opinion letter identifying sections of the Pollution Prevention Plan, Plan Summary or Plan Progress Report that could be amended to strengthen pollution prevention planning at the industrial facility, including improving the industrial facility's grouping or targeting decisions;

2. The Department's opinion letter shall include a description of suggested Pollution Prevention Plan, Plan Summary or Plan Progress Report amendments and a suggested time frame for implementing the amendments;

3. In lieu of implementing any of the amendments suggested by the Department in an opinion letter, the owner or operator of the industrial facility may submit a response letter supplementing or explaining information in the industrial facility's Pollution Prevention Plan, Plan Summary or Plan Progress Report;

4. After evaluating information submitted by the industrial facility in a response letter, the Department may reaffirm its original opinion letter, issue a revised opinion letter to the industrial facility, or withdraw its original opinion letter; and

5. The failure of an industrial facility to implement the amendments suggested in an opinion letter issued under this subsection shall not constitute non-compliance with this chapter and shall not be grounds for assessment of civil administrative penalties pursuant to N.J.A.C. 7:1K-12. See N.J.A.C. 7:1K-12.9.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-3.11 Submittal of Pollution Prevention Plans

(a) The Department may require the owner or operator of a priority industrial facility to submit a copy of the industrial facility's Pollution Prevention Plan to the Department for review if the industrial facility requests an out-of-process recycling exemption pursuant to N.J.A.C. 7:1K-4.7 or participates in the facility-wide permitting program pursuant to N.J.A.C. 7:1K-7.

(b) The Department shall provide the owner or operator of a priority industrial facility with at least 45 days advance notice by certified mail before requiring submission of its Pollution Prevention Plan for review under (a) above, in order to enable the industrial facility to assert a confidentiality claim pursuant to N.J.A.C. 7:1K-8.2, if applicable.

New Rule, R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

SUBCHAPTER 4. POLLUTION PREVENTION PLANS

7:1K-4.1 Sequence of pollution prevention planning

(a) The Department recommends that industrial facilities conduct pollution prevention planning steps in the following order:

1. Identify all production processes, and sources as applicable, in accordance with N.J.A.C. 7:1K-4.3(b)3;
2. Group sources or production processes in accordance with N.J.A.C. 7:1K-4.2;
3. Complete Part IA of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(b) except for the identification of production processes in accordance with N.J.A.C. 7:1K-4.3(b)3;
4. Target sources or production processes in accordance with N.J.A.C. 7:1K-4.4;
5. Complete Part II of a Pollution Prevention Plan, including setting use reduction and NPO reduction goals, in accordance with N.J.A.C. 7:1K-4.5;
6. Develop a Raw Material Substitution Certification, if applicable, in accordance with N.J.A.C. 7:1K-4.6;

7. Complete and submit a Pollution Prevention Plan Summary in accordance with N.J.A.C. 7:1K-5;

8. Request an out-of-process recycling authorization, if applicable, in accordance with N.J.A.C. 7:1K-4.7; and

9. Complete Part IB of a Pollution Prevention Plan in accordance with N.J.A.C. 7:1K-4.3(c) and submit a Pollution Prevention Plan Progress Report in accordance with N.J.A.C. 7:1K-6.

7:1K-4.2 Grouping of production processes or sources for pollution prevention planning purposes

(a) An owner or operator of a priority industrial facility may choose to group sources or production processes that use similar ingredients to produce one or more similar products so that the grouped sources or production processes are considered a single source or production process for pollution prevention planning purposes.

(b) An owner or operator of a priority industrial facility who chooses to group may consider any of the following criteria to determine whether sources or production processes that use similar ingredients to produce one or more similar products should be considered a single source or production process for pollution prevention planning purposes:

1. The function of the hazardous substance in the development of a product, that is, how is the hazardous substance used in the production process? This criterion is intended to aid industrial facilities in distinguishing between basic types or classes of products manufactured, for example, chemicals or articles;
2. The function of the equipment. This criterion is intended to aid industrial facilities in distinguishing between different modes of operation for production processes, for example, batch operations or continuous operations;
3. Whether the sources or processes use similar ingredients;
4. Whether the sources or processes produce similar products; and
5. Whether the sources or processes have any other characteristics that are similar.

(c) An owner or operator of a priority industrial facility who chooses to group shall describe grouped sources and production processes in Part I of the industrial facility's Pollution Prevention Plan and shall identify grouped sources and production processes in the industrial facility's Pollution Prevention Plan Summary and Pollution Prevention Plan Progress Report. The grouping of sources and production processes selected by the industrial facility shall not change throughout the pollution prevention planning process, including the preparation of Part II of a Pollution Prevention Plan, a Pollution Prevention Plan Summary or a Pollution Prevention Plan Progress Report, unless the industrial facility's pollution prevention planning documents are modified to reflect the new grouping as required by N.J.A.C. 7:1K-3.8(c).

(d) If hazardous substances are used, generated, treated or released in a pollution treatment or control system or out-of-process recycling system, those systems shall not be grouped with production processes for the purposes of including information in a Pollution Prevention Plan, Plan Summary, or Plan Progress Report. Pollution treatment or control systems or out-of-process recycling systems may be considered as separate sources or production processes for pollution prevention planning purposes.

(e) If the owner or operator of a priority industrial facility decides to modify the industrial facility's groupings of sources or production processes following the completion of the industrial facility's Pollution Prevention Plan and Plan Summary, the owner or operator shall modify the industrial facility's Pollution Prevention Plan and Plan Summary to reflect the new groupings, and shall submit the modified Pollution Prevention Plan Summary to the Department within 90 days of making such modifications, as required by N.J.A.C. 7:1K-3.8.

7:1K-4.3 Contents of Part I of a Pollution Prevention Plan

(a) Part I of a Pollution Prevention Plan shall consist of the following two components:

1. Part IA of the Pollution Prevention Plan, containing administrative information about the facility; process-level and facility-level data about the use, generation and release of hazardous substances at the facility; information on the total costs of using and generating hazardous substances; and certifications by officials of the industrial facility; as required by N.J.S.A. 13:1D-41(b)1 through 12; and

2. Part IB of the Pollution Prevention Plan, containing information on the reduction in use of hazardous substances and the generation of hazardous substances as nonproduct output at the industrial facility, as required by N.J.S.A. 13:1D-41(b)13 through 17.

(b) Part IA of a Pollution Prevention Plan shall be based on information covering the base year as defined in N.J.A.C. 7:1K-1.5 and shall contain, at a minimum, the following:

1. Personnel Information and Certifications:

i. A written certification, signed by the highest ranking corporate official with direct operating responsibility at the industrial facility, that reads as follows:

"I certify under penalty of law that I have read the Pollution Prevention Plan and that the Pollution Prevention Plan is true, accurate and complete to the best of my knowledge.";

ii. A written certification, signed by the highest ranking corporate official at the industrial facility, that reads as follows:

"I certify under penalty of law that I am familiar with the Pollution Prevention Plan and that it is the

corporate policy of this industrial facility to achieve the goals of the Pollution Prevention Plan.";

iii. The name and business telephone number of the owner or operator of the industrial facility, and of the highest ranking corporate official at the industrial facility; and

iv. The name and business telephone number of a non-management employee representative at the industrial facility;

2. Facility-level information (Note: This is the same information to be reported in the Plan Progress Report pursuant to N.J.A.C. 7:1K-6.1(c)3. This information is the same as information previously submitted on the Release and Pollution Prevention Report pursuant to N.J.A.C. 7:1G.):

i. The chemical identity and Chemical Abstract Service (CAS) number of each hazardous substance manufactured, stored or used at the industrial facility;

ii. Inventory data, in pounds, for the annual inputs, either in pure form or contained in a mixture, determined by direct measurement or by calculations and estimates using best engineering judgment, of each hazardous substance:

(1) Stored at the industrial facility on the first day of the reporting year;

(2) Brought into the industrial facility as a non-recycled material during the reporting year;

(3) Manufactured as a product, co-product or non-product output at the facility; and

(4) Recycled outside of a production process on-site or off-site and used as an input at the industrial facility;

iii. Inventory data, in pounds, for the annual output, either in pure form or contained in a mixture, determined by direct measurement or by calculations and estimates using best engineering judgment, of each hazardous substance:

(1) Stored at the industrial facility on the last day of the reporting year;

(2) Consumed at the industrial facility;

(3) Shipped off-site as a product or co-product; and

(4) Generated as nonproduct output;

iv. Recycling data, in pounds, for the quantities, measured as nonproduct output, of each hazardous substance determined by direct measurement or estimates using best engineering judgment:

(1) Recycled outside of a production process on-site; and

- (2) Recycled outside of a production process off-site;
- v. Release data, in pounds, for the quantities of each hazardous substance determined by direct measurement or estimates using best engineering judgment:
- (1) Released to air through stack emissions;
 - (2) Released to air through fugitive emissions;
 - (3) Discharged to the waters of the State; and
 - (4) Generated as other waste streams;
- vi. Quantities of each hazardous substance used at the industrial facility, in pounds, determined by subtracting ending inventory (quantity reported under (b)2iii(1) above) from total inputs (total of quantities reported under (b)2ii(1) through (4) above) for the facility; and
- vii. Optional: The owner or operator of a priority industrial facility may include a description of pollution prevention strategies implemented at the priority industrial facility prior to 1987, provided that such strategies are consistent with the definition of pollution prevention at N.J.A.C. 7:1K-1.5; and
- viii. Optional: The owner or operator of a priority industrial facility may include information on pollution prevention progress that occurred at the facility between 1987 and the base year for any hazardous substance;
3. Process-level information (Note: This is the same information to be reported in the Plan Summary pursuant to N.J.A.C. 7:1K-5.1(b)4i.):
- i. An identification of all production processes, using a unique identification number assigned by the industrial facility, and indicating whether each process is a grouped process as authorized by N.J.A.C. 7:1K-4.2. The unique identification number assigned to a process cannot be assigned to any other production process;
 - ii. For each production process, an identification of the product(s), co-product(s) and/or intermediate product(s) produced, the unit used by the industrial facility for measuring production, and the total units of production produced during the year; and
 - iii. A description of the owner or operator's grouping decision, if any, including a description of the unit for measuring production;
4. Process-level inventory data:
- i. Inventory data, in pounds, for the annual quantities, either in pure form or contained in a mixture, determined by direct measurement or calculations and estimates using best engineering judgment, of each hazardous substance:
 - (1) Contained in the products, co-products or intermediate products produced in each production process;
 - (2) Consumed within each production process;
 - (3) Used in each production process;
 - (4) Generated as nonproduct output at each production process;
 - (5) Released from each production process; and
 - (6) Recycled outside of each production process;
5. Information and data on hazardous waste generation, treatment, storage and disposal activities:
- i. Facility-level data for each hazardous waste generated, including, but not limited to:
 - (1) Amount generated at the industrial facility;
 - (2) Amount treated outside of a production process;
 - (3) Amount stored outside of a production process;
 - (4) Amount disposed outside of a production process;
 - (5) Address of off-site treatment, storage or disposal facilities (TSD's); and
 - (6) Description of type of treatment at each treatment, storage or disposal facility (TSD);
 - ii. Facility-level recycling data for each hazardous waste, including by direct measurement or estimates using best engineering judgment:
 - (1) Amount recycled on site; and
 - (2) Amount recycled off site; and
 - iii. The amounts of each hazardous waste generated at each production process at the industrial facility; and
6. Cost data:
- i. A comprehensive financial analysis for each source or production process, of the costs of using hazardous substances, generating hazardous substances as nonproduct output, and releasing hazardous substances, including, at a minimum:
 - (1) Storage and handling costs, including safety and health compliance costs;
 - (2) Monitoring, tracking and reporting costs;
 - (3) Treatment costs;
 - (4) Transportation and disposal costs;
 - (5) Manifesting and labeling costs;
 - (6) Permit fees;

(7) Liability insurance costs, if the industrial facility is covered by liability insurance; and

(8) Optional: Additional costs which may be considered are found in the Pollution Prevention Planning Guidance Document published by the Department. The Pollution Prevention Planning Guidance Document describes the total cost assessment method of capital budgeting for industrial facilities who choose to apply total cost assessment to their sources and production processes.

(c) Part IB of a Pollution Prevention Plan shall contain information on the reduction or increase in use of hazardous substances and the generation of hazardous substances as nonproduct output, including, but not limited to, the following:

1. Facility-level information on pollution prevention reductions (Note: This is the same information to be reported in the Plan Progress Report pursuant to N.J.A.C. 7:1K-6.1(c)4i through vi.):

i. Calculations of the reduction or increase in use of each hazardous substance in comparison to the previous year;

ii. Calculations of the reduction or increase in the generation of each hazardous substance as nonproduct output, in comparison to the previous year;

iii. Calculations of the reduction or increase in use attributed to the sale of co-products which are not the result of pollution prevention techniques, in comparison to the previous year;

iv. Calculations of the reduction or increase in generation of nonproduct output attributed to the sale of co-products which are not the result of pollution prevention techniques, in comparison to the previous year;

v. Calculations of the reduction or increase in multimedia releases, by medium, after recycling and treatment, in comparison to the previous year; and

vi. A numerical statement demonstrating the industrial facility's progress, if any, towards achieving each of the facility-level five-year goals reported in the industrial facility's Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-5.1(b)3. Quantities of co-products sold by the industrial facility which are not the result of pollution prevention techniques do not count as progress towards achieving pollution prevention goals.

2. Information on Targeted Production Processes:

i. An identification of targeted production processes, using a unique identification number assigned by the industrial facility, and indicating whether each process is a grouped process as authorized by N.J.A.C. 7:1K-4.2. The unique identification number assigned

to a targeted process cannot be assigned to any other process; and

ii. Process-level information on pollution prevention reductions for each hazardous substance within each targeted production process, including, but not limited to (Note: This is the same information to be reported in the Plan Progress Report pursuant to N.J.A.C. 7:1K-6.1(c)5ii(1) through (7).):

(1) Calculations of the reduction or increase in use of each hazardous substance within each targeted production process per unit of product, as defined by N.J.A.C. 7:1K-1.5, in comparison to the previous year;

(2) Calculations of the reduction or increase in the generation of nonproduct output for each targeted production process per unit of product, as defined by N.J.A.C. 7:1K-1.5, in comparison to the previous year;

(3) Calculations of the reduction or increase in use of each hazardous substance per unit of product, as defined by N.J.A.C. 7:1K-1.5, attributed to the sale of co-products from each production process, which are not the result of pollution prevention techniques, in comparison to the previous year;

(4) Calculations of the reduction or increase in nonproduct output generation per unit of product, as defined by N.J.A.C. 7:1K-1.5, attributed to the sale of co-products from each production process, which are not the result of pollution prevention techniques, in comparison to the previous year;

(5) Calculations of the reduction or increase in multimedia releases from each targeted production process, by medium, after recycling and treatment, in comparison to the previous year;

(6) A numerical statement demonstrating the industrial facility's progress, if any, towards achieving each of the process-level five-year goals for each targeted production process reported in the industrial facility's Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-5.1(b)5. Quantities of co-products sold by the industrial facility which are not the result of pollution prevention techniques do not count as progress towards achieving use reduction or nonproduct output reduction goals; and

(7) An identification of the pollution prevention techniques used to achieve each reduction reported under (c)2ii(1) through (5) above; and

3. A reassessment of the industrial facility's five-year goals for reductions reported in the facility's Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-5.1(b)3 and 5, if applicable.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-4.4 Targeting of sources or production processes

(a) The owner or operator of a priority industrial facility may choose to focus the industrial facility's pollution prevention planning resources and reduce the number of sources or production processes that must be examined in Part II of a Pollution Prevention Plan by targeting for Part II pollution prevention planning those sources or production processes where significant progress can be made in the reduction of hazardous substances used, generated as non-product output, or released at the industrial facility.

(b) After preparing Part I of a Pollution Prevention Plan but prior to preparing Part II of a Pollution Prevention Plan, the owner or operator of a priority industrial facility may identify, for targeting purposes, sources or production processes which contribute:

1. Ninety percent or more of the total use of all hazardous substances at the industrial facility; or
2. Ninety percent or more of the total nonproduct output generated at the industrial facility; or
3. Ninety percent or more of the total multi-media environmental releases at the industrial facility; or
4. (Reserved)

(b) Once an industrial facility has identified the sources or production processes that meet the targeting criteria in (a) above, the industrial facility shall complete Part II of a Pollution Prevention Plan for each hazardous substance used, generated as nonproduct output, or released at the targeted source or production process.

(c) If an industrial facility does not identify targeted production processes using the criteria above, the industrial facility must complete the requirements for Part II of a Pollution Prevention Plan for all sources and production processes at the industrial facility.

(d) If the owner or operator of a priority industrial facility decides to modify the industrial facility's targeting decision following the completion of the industrial facility's Pollution Prevention Plan and Plan Summary, the owner or operator shall modify the industrial facility's Pollution Prevention Plan and Plan Summary to reflect the new targeted sources and processes and shall submit the modified Pollution Prevention Plan Summary to the Department within 90 days of making such modifications, as required by N.J.A.C. 7:1K-3.8(b).

7:1K-4.5 Part II of a Pollution Prevention Plan

(a) Part II of a Pollution Prevention Plan shall contain, at a minimum, the following information:

1. A narrative description of each targeted production process, and of each targeted source that is not grouped within a targeted production process, including a description of the process, lines, methods, activities or techniques used in the process or source;

2. Inventory data, in pounds, for the annual quantities, either in pure form or contained in a mixture, determined by direct measurement or calculations and estimates using best engineering judgment, of each hazardous substance generated as nonproduct output at each source within each targeted production process;

3. If determined to be necessary by the industrial facility, detailed process-level inventory data for each targeted production process or specific targeted production processes;

4. An identification, for each targeted production process and targeted source, of available pollution prevention options, including procedures, technologies and equipment, that may substantially reduce the use and generation of hazardous substances;

5. A feasibility analysis of pollution prevention options identified under (a)4 above, including:

i. A technical analysis of specific pollution prevention options identified under (a)4 above; and

ii. A comprehensive financial analysis of the costs or savings realized by investments in pollution prevention options compared to the costs of using hazardous substances, generating hazardous substances as nonproduct output, and releasing hazardous substances as determined in N.J.A.C. 7:1K-4.3(b)6, including, at a minimum:

(1) Storage and handling costs, including safety and health compliance costs;

(2) Monitoring, tracking and reporting costs;

(3) Treatment costs;

(4) Transportation and disposal costs;

(5) Manifesting and labeling costs;

(6) Permit fees;

(7) Liability insurance costs, if the industrial facility is covered by liability insurance;

(8) Cost savings due to more efficient use of raw materials; and

(9) Optional: Additional costs which may be considered are found in the Pollution Prevention Planning Guidance Document published by the Department. The Pollution Prevention Planning Guidance Document describes the total cost assessment method of capital budgeting for industrial facilities who choose to apply total cost assessment to their sources and production processes;

6. For each targeted production process, a description of pollution prevention options the owner or operator of the industrial facility intends to implement during the next five years;

7. For the industrial facility, the five-year numeric goal for reducing the use of each hazardous substance (Note: The facility-level goals to be reported in (a)6 and 7 are the same as those reported in the Plan Summary pursuant to 7:1K-5.1(b)3i and ii.);

8. For the industrial facility, the five-year numeric goal for reducing the generation of each hazardous substance as nonproduct output;

9. For each targeted production process, the five-year numeric goal for reducing the use of each hazardous substance per unit of product, as defined in N.J.A.C. 7:1K-1.5 (Note: The process-level goals to be reported in (a)8 and 9 are the same goals reported in the Plan Summary pursuant to 7:1K-5.1(b)5ii and iii.);

10. For each targeted production process, the five-year numeric goal for reducing the generation of each hazardous substance as nonproduct output per unit of product, as defined in N.J.A.C. 7:1K-1.5;

11. A schedule for implementing the pollution prevention options identified in (a)5 above, including at a minimum:

i. Start date for construction or other activities which may require pre-approval from the Department through the issuance of permits or other approvals, if applicable; and

ii. Completion date for implementing the pollution prevention options identified under (a)5 above;

12. A quantitative description of the impact that the industrial facility's implementation of individual pollution prevention techniques is expected to have on post-treatment multimedia releases of hazardous substances by the industrial facility, reported by medium;

13. A description of the valuation methods used by the owner or operator of the industrial facility to determine not to install or utilize each option, identified under (a)3 above, that would have resulted in a greater percentage reduction in the use of hazardous substances per unit of product or the generation of nonproduct output per unit of product than the options identified a (1)5 above; and

14. For industrial facilities that have obtained prior written authorization from the Department to include out-of-process recycling in a Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.7, an assessment and schedule for implementing on-site out-of-process recycling.

(b) An industrial facility is not required to include information on the product, co-product or intermediate product of a production process in developing the industrial facility's

use reduction and NPO reduction goals pursuant to (a) above.

(c) An industrial facility filing a Raw Material Substitution Certification with the Department as part of the industrial facility's Pollution Prevention Plan Summary is not required to include information on hazardous substances listed on the Raw Material Substitution Certification in developing the industrial facility's use reduction goals pursuant to (a) above. See N.J.A.C. 7:1K-4.6.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-4.6 Procedure for development of a Raw Material Substitution Certification

(a) Following completion of a Parts I and II of a Pollution Prevention Plan, an owner or operator of a priority industrial facility may choose to file with the Department a Raw Material Substitution Certification listing the individual hazardous substances used in specific targeted production processes at the facility for which the owner or operator of the industrial facility has determined through preparation and completion of a Pollution Prevention Plan that it is not technically or economically feasible to reduce the input use of the hazardous substance below current levels by replacing the substance with a different raw material in the specific production process.

(b) The procedure for developing and filing a Raw Material Substitution Certification is as follows:

1. A Raw Material Substitution Certification shall consist of:

i. A list of the individual hazardous substances used in specific targeted production processes at the facility for which the owner or operator of the priority industrial facility has determined through preparation and completion of a Pollution Prevention Plan that it is not technically or economically feasible to reduce the input use of the hazardous substance below current levels by replacing the substance with a different raw material in the specific production process;

ii. A certification by the highest ranking corporate official with direct operating responsibility at the industrial facility that reads as follows:

"I certify that Parts I and II of the Pollution Prevention Plan have been completed for the specific combination of hazardous substances and production processes for which this Raw Material Substitution Certification is being claimed and that through completion of the Pollution Prevention Plan this industrial facility has determined that it is not technically or economically feasible to reduce the input use of the hazardous substance below current levels by replacing the substance with a different raw material in the specific production process.";

iii. A description of whether pollution prevention methods other than raw material substitution, have been considered for that specific combination of hazardous substances and production processes listed under (b)1i above. Examples of other pollution prevention methods include: product reformulation, production process redesign or modification, in-process recycling, and improved operation and maintenance; and

iv. A brief narrative summary of the technical and economic analysis conducted by the industrial facility in Part II of the Pollution Prevention Plan showing that the hazardous substances listed under (b)1i above cannot be substituted within the targeted production processes listed under (b)1i above; and

2. The owner or operator of the industrial facility shall file a Raw Material Substitution Certification with the Department as part of the industrial facility's Pollution Prevention Plan Summary.

(c) An industrial facility filing a Raw Material Substitution Certification with the Department as part of the industrial facility's Pollution Prevention Plan Summary is not required to include information on hazardous substances listed on the Raw Material Substitution Certification in developing the industrial facility's use reduction goals pursuant to N.J.A.C. 7:1K-4.5(a)6, 7 and 10.

7:1K-4.7 Out-of-process recycling authorization

(a) The Department may authorize the owner or operator of a priority industrial facility to include a description of on-site, out-of-process recycling activities in the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary if the Department determines that pollution prevention strategies are not reasonably available to the industrial facility for specific hazardous substance(s) in specific production process(es).

(b) The owner or operator of a priority industrial facility seeking an out-of-process recycling authorization pursuant to this section shall submit the following information to the Department for review:

1. A complete copy of the most recent Pollution Prevention Plan prepared by the owner or operator of the priority industrial facility, subject to the confidentiality provisions of N.J.A.C. 7:1K-8 through 7:1K-11;

2. An identification of the specific hazardous substance(s) in specific production process(es) for which the industrial facility is seeking an out-of-process recycling authorization; and

3. A brief technical and economic analysis of whether pollution prevention strategies are reasonably available to the industrial facility for the specific hazardous substance(s) in specific production processes identified under (b)2 above.

(c) The Department shall review a facility's request for an out-of-process recycling authorization by reviewing the information submitted under (b) above and any other relevant materials available, and shall make a determination of whether or not pollution prevention strategies are reasonably available to the owner or operator for the specific hazardous substance(s) in specific production process(es) for which the facility is seeking an out-of-process recycling authorization. Within 120 days of receiving a complete request for an out-of-process recycling authorization pursuant to (b) above, the Department shall notify the requesting facility by certified letter of its determination to grant or deny the industrial facility's out-of-process recycling authorization request.

(d) An industrial facility's failure to submit a complete copy of the most recent Pollution Prevention Plan prepared by the owner or operator of the priority industrial facility as part of its request for an out-of-process recycling authorization under (b) above shall constitute grounds for denial of the request.

(e) If the Department grants the industrial facility's request for an out-of-process recycling authorization, the owner or operator of the industrial facility may include in the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary an assessment and schedule for implementing on-site, out-of-process recycling activities for the specific hazardous substances in specific production process(es) covered by the out-of-process recycling authorization. However, any out-of-process recycling activities reported by the industrial facility in its Pollution Prevention Plan or Pollution Prevention Plan Summary pursuant to this section shall not be included in the industrial facility's use reduction or nonproduct output reduction goals.

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-4.8 Departmental access to Pollution Prevention Plans

The owner or operator of a priority industrial facility shall maintain a copy of the Pollution Prevention Plan for the industrial facility at the industrial facility, where it shall be available for inspection by the Department.

SUBCHAPTER 5. POLLUTION PREVENTION PLAN SUMMARY

7:1K-5.1 Pollution Prevention Plan Summary reporting requirements

(a) The owner or operator of a priority industrial facility is required to:

1. Prepare and submit to the Department, on forms provided by the Department, by the deadline at N.J.A.C. 7:1K-3.1, a Pollution Prevention Plan Summary summarizing the industrial facility's Pollution Prevention Plan; and

2. Revise, update or modify the industrial facility's Pollution Prevention Plan Summary thereafter in accordance with N.J.A.C. 7:1K-3.6, 3.8 and 3.9.

(b) A Pollution Prevention Plan Summary shall consist, at a minimum, of the following:

1. Administrative information:

- i. The name of the industrial facility;
- ii. The address of the industrial facility;
- iii. The location of the industrial facility, using the industrial facility's centroid coordinate in New Jersey State Plane Feet;
- iv. Relevant facility identification numbers assigned to the industrial facility by any State or Federal agency;
- v. The name and business telephone number of the owner or operator of the industrial facility, and of the highest ranking corporate official at the industrial facility; and
- vi. The name and business telephone number of the non-management employee representative at the industrial facility.

2. Certification:

i. A written certification, signed by the owner or operator of the industrial facility that reads as follows:

"I certify under penalty of law that a Pollution Prevention Plan has been prepared for this industrial facility and that the Plan is available at the facility for inspection by the Department. I further certify that the information submitted in this Pollution Prevention Plan Summary is true, accurate and complete to the best of my knowledge.";

3. Facility-level information:

- i. Five-year numeric goals for reducing the use of each hazardous substance;
- ii. Five-year numeric goals for reducing the generation of each hazardous substance as nonproduct output (Note: The facility-level goals to be reported in (b)3i and ii are the same as those to be included in the Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.5(a)6 through 9.);
- iii. A list of permits issued by the Department to the industrial facility for the use or multimedia release of hazardous substances, the discharge of pollutants, and the emission of pollutants or air contaminants including, but not limited to, permits issued pursuant to the Solid Waste Management Act, N.J.S.A. 13:1E-1 et

seq.; the Environmental Cleanup and Responsibility Act, N.J.S.A. 13:1K-6 et seq.; the Toxic Catastrophe Prevention Act, N.J.S.A. 13:1K-19 et seq.; the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq.; the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.; or the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq.;

iv. Optional: A priority industrial facility may include information on pollution prevention strategies implemented at the facility prior to 1987, provided that such strategies are consistent with the definition of pollution prevention at N.J.A.C. 7:1K-1.5; and

v. Optional: A priority industrial facility may include information on pollution prevention progress that occurred at the facility between 1987 and the base year for any hazardous substance;

4. Process-level information (Note: This is the same information contained in Part IA of the Pollution Prevention Plan pursuant to 7:1K-4.3(b)3i and ii):

i. An identification of each production process, using a unique identification number assigned by the facility, and indicating whether each process is a grouped process as authorized by N.J.A.C. 7:1K-4.2. The unique identification number assigned to a process cannot be assigned to any other production process;

ii. A description of each production process using the nomenclature provided by the Department in Appendix C, incorporated herein by reference; and

iii. A description of each product using a four-digit SIC code. A list of applicable four-digit SIC codes is included in the Pollution Prevention Guidance Document, which is available from the Department; and

iv. (Reserved); and

5. Information on targeted production processes:

i. An identification of each targeted production process, using a unique identification number assigned by the facility, and indicating whether each process is a grouped process as authorized by N.J.A.C. 7:1K-4.2. The unique identification number assigned to a targeted process cannot be assigned to any other process;

ii. Five-year numeric goals for reducing the use of each hazardous substance per unit of product, as defined by N.J.A.C. 7:1K-1.5, for each targeted production process;

iii. Five-year numeric goals for reducing the generation of nonproduct output per unit of product, as defined by N.J.A.C. 7:1K-1.5, for each hazardous substance in each targeted production process (Note: The process-level goals to be reported in ii. and iii. are the same goals to be included in the Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.5(a)10 and 11.);

iv. A description of the pollution prevention techniques the owner or operator of the industrial facility intends to implement during the five-year planning period to achieve the five-year reduction goals listed under (c)5ii and iii above; and

v. A schedule for implementing the pollution prevention techniques identified in (c)5iv above, including:

(1) Start date for construction or other activities which may require pre-approval from the Department through the issuance of permits or other approvals, if applicable; and

(2) Completion date for implementing the pollution prevention techniques identified in (c)5v above;

vi. An indication, for each hazardous substance used in a targeted production process, of whether the hazardous substance is used by the facility on an annual basis in a quantity of zero to 5,000 pounds, 5,000 pounds to 10,000 pounds, 10,000 to 25,000 pounds, 25,000 to 50,000 pounds, or greater than 50,000 pounds;

vii. If applicable: A Raw Material Substitution Certification for individual hazardous substances used in specific targeted production processes at the facility, completed in accordance with N.J.A.C. 7:1K-4.6; and

viii. An indication of whether the facility's targeting decision was based on 90 percent or more of the total use of hazardous substances at the industrial facility; 90 percent or more of the total nonproduct output generated at the industrial facility; or 90 percent or more of the total multi-media environmental releases at the industrial facility (in accordance with N.J.A.C. 7:1K-4.4).

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-5.2 (Reserved)

Repealed by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

Section was "Department review of Pollution Prevention Plan Summaries".

SUBCHAPTER 6. POLLUTION PREVENTION PLAN PROGRESS REPORT

7:1K-6.1 Pollution Prevention Plan progress reporting requirements

(a) The owner or operator of a priority industrial facility is required to:

1. Prepare and submit to the Department, on forms provided by the Department, by July 1 of each year after the completion of the facility's initial Pollution Prevention Plan, a Pollution Prevention Plan Progress Report that indicates the progress made in the previous year in achieving the use reduction and NPO reduction goals set forth in the facility's current Pollution Prevention Plan; and

2. Modify the facility's Pollution Prevention Plan Progress Report thereafter as required by N.J.A.C. 7:1K-3.9.

(b) The Department may combine the reporting elements of this section with those required for Community Right-to-Know Reporting pursuant to N.J.S.A. 34:5A-1 et seq. in order to allow a priority industrial facility to submit a combined reporting form to satisfy the requirements of N.J.A.C. 7:1G and N.J.A.C. 7:1K.

(c) A Pollution Prevention Plan Progress Report shall consist, at a minimum, of the following:

1. Administrative information:

i. The name of the industrial facility;

ii. The address of the industrial facility;

iii. The Location of the industrial facility, using the industrial facility's centroid coordinate in New Jersey State Plane Feet; and

iv. Relevant facility identification numbers assigned to the industrial facility by any State or Federal agency;

2. Certification:

i. A written certification, signed by the owner or operator of the industrial facility, that reads as follows:

"I certify under penalty of law that the information submitted in this Pollution Prevention Plan Progress Report is true, accurate and complete to the best of my knowledge.";

3. Facility-level inventory and release data (Note: This information replaces information that was previously submitted on Form DEQ-114 and is the same information to be included in Part IA of the Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.3(b)2.):

i. The chemical identity and Chemical Abstract Service (CAS) number of each hazardous substance manufactured, stored or used at the industrial facility;

ii. Inventory data, in pounds, for the annual inputs, either in pure form or contained in a mixture, determined by direct measurement or by calculations and estimates using best engineering judgment, of each hazardous substance:

(1) Stored at the industrial facility on the first day of the reporting year;

(2) Brought into the industrial facility as a non-recycled material during the reporting year;

(3) Manufactured as a product, co-product or non-product output at the industrial facility; and

(4) Recycled outside of a production process on-site or off-site and used as an input at the industrial facility;

iii. Inventory data, in pounds, for the annual output, either in pure form or contained in a mixture, determined by direct measurement or calculations, using best engineering judgment, of each hazardous substance:

(1) Stored at the industrial facility on the last day of the reporting year;

(2) Consumed at the industrial facility;

(3) Shipped off-site as a product or co-product; and

(4) Generated as nonproduct output;

iv. Recycling data, in pounds, for the quantities, determined by direct measurement or estimates using best engineering judgment, of each hazardous substance:

(1) Recycled outside of a production process on-site; and

(2) Recycled outside of a production process off-site;

v. Release data, in pounds, for the quantities of each hazardous substance:

(1) Released to air through stack emissions;

(2) Released to air through fugitive emissions;

(3) Discharged to the waters of the State; and

(4) Generated as other waste streams; and

vi. Quantities of each hazardous substance used at the industrial facility, in pounds, determined by subtracting ending inventory (quantity reported under (c)3iii(1) above) from total inputs (total of quantities reported under (c)3ii(1) through (4) above) for the facility;

4. Facility-level information on pollution prevention reductions:

i. Calculations of the reductions or increase in use of each hazardous substance in comparison to the previous year;

ii. Calculations of the reduction or increase in the generation of each hazardous substance as nonproduct output, in comparison to the previous year;

iii. Calculations of the reduction or increase in use attributed to the sale of co-products which are not the

result of pollution prevention techniques, in comparison to the previous year;

iv. Calculations of the reduction or increase in generation of nonproduct output attributed to the sale of co-products which are not the result of pollution prevention techniques, in comparison to the previous year;

v. Calculations of the reduction or increase in multimedia releases, by medium, after recycling and treatment, in comparison to the previous year; and

vi. A numerical statement demonstrating the industrial facility's progress, if any, towards achieving each of the facility-level five-year goals reported in the industrial facility's Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-1.5(b)3. Quantities of co-products sold by the industrial facility which are not the result of pollution prevention techniques do not count as progress towards achieving pollution prevention goals. (Note: The information to be reported in (c)4i through vi is the same information to be included in a Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.3(c)1i through vi.)

5. Information on targeted production processes:

i. An identification of targeted production processes, using a unique identification number assigned by the industrial facility, and indicating whether each process is a grouped process as authorized by N.J.A.C. 7:1K-4.2. The unique identification number assigned to a targeted process cannot be assigned to any other process;

ii. Process-level information on pollution prevention reductions for each hazardous substance within each targeted production process, including, but not limited to:

(1) Calculations of the reduction or increase in use of each hazardous substance within each targeted production process per unit of product, as defined by N.J.A.C. 7:1K-1.5, in comparison to the previous year;

(2) Calculations of the reduction or increase in the generation of nonproduct output for each targeted production process per unit of product, as defined by N.J.A.C. 7:1K-1.5, in comparison to the previous year;

(3) Calculations of the reduction or increase in use of each hazardous substance and use of each hazardous substance per unit of product, as defined by N.J.A.C. 7:1K-1.5, attributed to the sale of co-products from each targeted production process, which are not the result of pollution prevention techniques, in comparison to the previous year;

(4) Calculations of the reduction or increase in nonproduct output generation per unit of product, as defined by N.J.A.C. 7:1K-1.5, attributed to the sale

of co-products from each targeted production process, which are not the result of pollution prevention techniques, in comparison to the previous year;

(5) Calculations of the reduction or increase in multimedia releases from each targeted production process, by medium, after recycling and treatment, in comparison the previous year;

(6) A numerical statement demonstrating the industrial facility's progress, if any, towards achieving each of the process-level five-year goals for each targeted production process reported in the industrial facility's Pollution Prevention Plan Summary pursuant to N.J.A.C. 7:1K-5.1(b)5. Quantities of co-products sold by the industrial facility which are not the result of pollution prevention techniques do not count as progress towards achieving use reduction or nonproduct output reduction goals;

(7) An identification of the pollution prevention techniques used to achieve each reduction reported under (c)5ii(1) through (5) above (Note: The information to be reported in (c)5ii(1) through (7) is the same information to be included in Part IB of a Pollution Prevention Plan pursuant to N.J.A.C. 7:1K-4.3(c)2ii(1) through (7).);

(8) An indication of whether a Raw Material Substitution Certification was filed as part of the industrial facility's current Pollution Prevention Plan Summary; and

(9) A description of the pollution prevention techniques the owner or operator of the industrial facility intends to implement for each targeted production process during the forthcoming year in order to achieve the use reduction and nonproduct output reduction goals and implementation schedule reported in the facility's current Pollution Prevention Plan Summary;

6. Information on progress which is less than anticipated:

i. If applicable, an explanation of why the facility's annual progress was less than that anticipated in the use reduction and nonproduct output reduction goals and implementation schedule reported in the facility's current Pollution Prevention Plan Summary;

7. Release and Pollution Prevention Reporting Elements:

i. All information required by N.J.A.C. 7:1G to be reported to the Department on Form DEQ-114 (the Release and Pollution Prevention Report) that is not otherwise specifically listed at (c)1 through 6 above; and

8. Checkoff box for production process changes:

i. If applicable, a facility should indicate that a production process change that occurred at the industrial facility has triggered a modification of the industrial facility's Pollution Prevention Plan, Plan Summary or Plan Progress Report by checking off the box or boxes corresponding to the modification criterion or criteria at N.J.A.C. 7:1K-3.9(a).

Amended by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-6.2 (Reserved)

Repealed by R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

Section was "Department review of Pollution Prevention Plan Progress Reports".

SUBCHAPTER 7. FACILITY-WIDE PERMITS

7:1K-7.1 Scope and authority

(a) This subchapter constitutes the Department's requirements and procedures for implementing a pilot program for issuing facility-wide permits, as required by N.J.S.A. 13:1D-48.

(b) This subchapter shall apply, to the extent statutorily permissible, to:

1. Incorporating pollution prevention planning by industrial facilities as an element of the Department's permit programs;
2. Establishing permitted release limits using pollution prevention techniques;
3. Consolidating the Department's administrative and procedural requirements for issuing single-media permits;
4. Consolidating the administrative and technical information required by the Department in permit applications; and
5. Developing an integrated data system for tracking use, nonproduct output and releases from industrial facilities and documenting compliance or non-compliance with the terms and conditions of permits.

(c) The Department may revoke, issue, reissue or modify any permit, certificate, registration, or any other relevant approval issued to the owner or operator of a priority industrial facility by the Department pursuant to N.J.S.A. 13:1D-1 et seq.; the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.; or the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq. for the purpose of issuing a facility-wide permit.

(i) The Department may conduct a public hearing on the draft facility-wide permit if it determines that a hearing is required pursuant to N.J.S.A. 13:1D-1 et seq.; the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.; or the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., as applicable, or if significant public comments are received requesting that a public hearing be held.

(j) The Department will respond to all significant public comments on the draft facility-wide permit and shall issue a final facility-wide permit, if warranted, within approximately 90 calendar days after the close of the public comment period, and no later than 30 months after the effective date of this subchapter.

(k) The owner or operator of the priority industrial facility may appeal the issuance of the final facility-wide permit pursuant to the provisions of N.J.S.A. 13:1D-1 et seq.; the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.; or the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., as applicable.

(l) If, for any reason, the Department does not issue a draft or final facility-wide permit to the owner or operator of the priority industrial facility, the existing permits issued to the owner or operator of the priority industrial facility shall remain in full force and effect pursuant to applicable law.

Amended by R.1994 d.51, effective February 7, 1994.
Sec: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-7.4 Reporting findings of the pilot program; potential for expanding the program

(a) By March 1, 1996, the Department shall prepare and submit to the Governor and the Legislature a report analyzing the facility-wide permit program, evaluating the ability of the Department to conduct and expand the facility-wide permit program, and proposing, if warranted, a schedule to expand the applicability of the facility-wide permit program.

(b) The Department shall not issue more than 15 facility-wide permits without specific authorization by law.

SUBCHAPTER 8. CONFIDENTIALITY CLAIMS

7:1K-8.1 Confidentiality of Pollution Prevention Plans

(a) The owner or operator of a priority industrial facility required to prepare a Pollution Prevention Plan under this chapter shall maintain a confidential copy of the industrial facility's Pollution Prevention Plan at the industrial facility for inspection by the Department. Employees of the Department are required to handle confidential information, including the confidential copy of an industrial facility's

Pollution Prevention Plan, in accordance with N.J.A.C. 7:1K-11.

(b) If the Department requires a Pollution Prevention Plan to be submitted for review pursuant to N.J.A.C. 7:1K-3.9, the owner or operator of the industrial facility may assert a confidentiality claim for information which he or she believes in good faith to be confidential information by filing a confidentiality claim in accordance with the procedure at N.J.A.C. 7:1K-8.2.

7:1K-8.2 Procedure for making a claim for information contained in Pollution Prevention Plans, Pollution Prevention Plan Summaries, and Pollution Prevention Plan Progress Reports

(a) Any person required to submit information to the Department under this chapter, or to allow the Department to obtain such information, which such person believes in good faith to constitute confidential information, may assert a confidentiality claim by following the procedures set forth in this subchapter.

(b) A claimant shall submit to the Department, at the address provided in N.J.A.C. 7:1K-8.4(b), a confidential copy and, upon the Department's request, a preliminary public copy of a Pollution Prevention Plan, Pollution Prevention Plan Summary, or Pollution Prevention Plan Progress Report containing assertedly confidential information. The preliminary public copy shall carry a notation stating that confidential information has been deleted. The Department may disclose the preliminary public copy to any person, without restriction or limitation.

(c) The claimant shall label the first page of the confidential copy "CONFIDENTIAL COPY." At the top of each page of the confidential copy, which page contains information that the claimant asserts is confidential information, the claimant shall place a boldface heading reading "CONFIDENTIAL". The claimant shall clearly underscore or highlight all information in the confidential copy which the claimant asserts to be confidential, in a manner which shall be clearly visible on photocopies of the confidential copy.

(d) The claimant shall seal the confidential copy in an envelope displaying the word "CONFIDENTIAL" in bold type or stamp on both sides. This envelope shall be enclosed in another envelope for transmittal to the Department. The outer envelope shall bear no markings indicating the confidential nature of the contents.

(e) The claimant shall send the package containing the confidential copy to the Department by certified mail, return receipt requested, or by other means providing a receipt for delivery.

(f) The claimant shall include in the package a written designation of a person to receive notices pursuant to N.J.A.C. 7:1K-8.3.

7:1K-8.3 Designation by claimant of an addressee for notices and inquiries

A claimant shall designate a person as the proper addressee of communications from the Department under N.J.A.C. 7:1K-8 through 11. To designate such a person, the claimant shall submit the following information to the Department in writing: the name and address of the claimant; the name, address, and telephone number of the designated person; and a request that all Department inquiries and communications (oral and written), including without limitation the inquiries and notices listed in N.J.A.C. 7:1K-8.4(a), be directed to the designee.

7:1K-8.4 Correspondence, inquiries and notices

(a) The Department shall direct all correspondence, inquiries and notices relating to confidentiality claims under N.J.A.C. 7:1K-8 through 11 to the person designated by the claimant pursuant to N.J.A.C. 7:1K-8.3, including without limitation the following:

1. Notices requesting substantiation of claims, under N.J.A.C. 7:1K-9.2(a)1ii;
2. Notices of denial of confidentiality claims and proposed disclosure of information, under N.J.A.C. 7:1K-9.5(a);
3. Notices of disclosure under N.J.A.C. 7:1K-10.3; and
4. Notices of proposed use of confidential information in administrative proceedings, under N.J.A.C. 7:1K-10.6.

(b) A claimant shall direct all correspondence, inquiries, notices and submissions concerning confidentiality claims under this chapter to the Department at the following address:

Office of Pollution Prevention
New Jersey Department of Environmental Protection and Energy
CN 423
Trenton, New Jersey 08625-0423

SUBCHAPTER 9. CONFIDENTIALITY DETERMINATIONS**7:1K-9.1 Time for making confidentiality determinations**

(a) The Department shall make a confidentiality determination:

1. If the Department receives a request, by a person to whom the Department is restricted from disclosing confidential information pursuant to N.J.A.C. 7:1K-11, to inspect or copy records containing assertedly confidential information which is the subject of a confidentiality claim; or

2. Before taking any action which is inconsistent with the requirements for treatment of confidential information set forth in N.J.A.C. 7:1K-11.

(b) The Department may, in its discretion, make a confidentiality determination at any time.

7:1K-9.2 Notice to claimant of request for confidentiality determination

Upon receipt of a request to inspect or copy records containing information which is the subject of a claim pursuant to N.J.A.C. 7:1K-9.1(a)1, the Department shall notify the industrial facility in writing of its receipt of the request within 15 working days of receiving the request.

New Rule, R.1994 d.51, effective February 7, 1994.
See: 25 N.J.R. 1849(a), 26 N.J.R. 842(a).

7:1K-9.3 Notice of initial confidentiality determination, and of requirement to submit substantiation of claim

(a) If the Department initially determines that any of the assertedly confidential information may be confidential information, the Department shall:

1. Notify each claimant who is known to have asserted a claim applicable to such information of the following:

- i. That the Department is in the process of making a confidentiality determination with respect to the claimant's claim;
- ii. That the claimant is required to substantiate the claim in accordance with N.J.A.C. 7:1K-9.4;
- iii. The address of the office to which the claimant's substantiation must be addressed;
- iv. The time allowed for submission of substantiation pursuant to N.J.A.C. 7:1K-9.5(a);
- v. The method for requesting a time extension under N.J.A.C. 7:1K-9.5(b); and

vi. That the claimant's failure to furnish substantiation within the time allocated in N.J.A.C. 7:1K-9.5 shall operate as a waiver of the claimant's claim.

2. Furnish, to any requester whose request for inspection or copying of the information is pending, notice that:

- i. The information which is the subject of the request may be confidential information;
- ii. The Department must undertake further inquiry before granting or denying the requester's request; and
- iii. After the Department has made a confidentiality determination concerning the information which is the subject of the request, the Department will grant or deny the request.