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## **NEW JERSEY ADMINISTRATIVE CODE**

### **TITLE 7 DEPARTMENT OF ENVIRONMENTAL PROTECTION**

#### **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.

##### **Effective Date**

August 24, 2005, Readoption; September 19, 2005, Amendments, Repeals and New Rules.

##### **Expiration Date**

Chapter 1K, Pollution Prevention Program Rules, expires August 24, 2010.

##### **Chapter Historical Note**

Chapter 1K, Pollution Prevention Program Rules, first became effective March 1, 1993 with expiration date March 1, 1998; readopted February 25, 2000, after two one-year extensions.

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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.

### **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 nonproduct 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.

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#### 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 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.

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"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, 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 Release and Pollution Prevention Report (RPPR) 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.

"Grace period" means a period of time afforded under the Grace Period Law, N.J.S.A. 13:1D-125 et seq., for a person to correct a minor violation in order to avoid imposition of a penalty that would otherwise be applicable for a violation.

"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.

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"Industrial facility" means any facility having a North American Industry Classification System (NAICS) code, listed in Appendix D, incorporated herein by reference, dated and published in 2002 by the Executive Office of the President of the United States, Office of Management and Budget, ISBN 0-934213-87-9, NTIS PB2002- 502024, subject to the specified exceptions and limitations, 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 and Right to Know 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



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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

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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.

"U.S. EPA" means the United States Environmental Protection Agency.

"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.

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#### 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 and Right to Know  
Department of Environmental Protection  
P.O. Box 443  
Trenton, New Jersey 08625-0443

(609) 777-0518, or

<http://www.state.nj.gov/dep/opppc/>

#### 7:1K-1.9 Revisions to North American Industry Classification System Codes for purposes of the definition of "industrial facility."

In the event that the Executive Office of the President, Office of Management and Budget, publishes new or revised North American Industry Classification System (NAICS) codes modifying the 2002 list of NAICS codes on which the definition of "industrial facility" and chapter Appendix D is based, the Department shall modify the NAICS codes as necessary to ensure that, as required by N.J.S.A. 13:1D-139, the generally equivalent universe of industrial facilities continues to be regulated under this chapter. Specifically, the Department shall provide limitations and/or exceptions to the NAICS codes as required to maintain the regulated universe as of August 15, 2003. The Department shall publish in the New Jersey Register a notice of the new or revised NAICS code(s) and the corresponding administrative change(s) to Appendix D.

## **SUBCHAPTER 2. POLLUTION PREVENTION ADVISORY BOARD**

#### 7:1K-2.1 Pollution Prevention Advisory Board

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(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

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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 North American Industry Classification System code, as designated by the Federal Office Management and Budget as listed in Table 3.1(a) of Appendix D, 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 North American Industry Classification System code, as listed in Table 3.1(b) of Appendix D, 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 a priority industrial facility required to prepare and submit a toxic chemical release form for calendar year 1999 pursuant to 42 U.S.C. § 11023 and having a North American Industry Classification System code, as designated by the Federal Office of Management and Budget, as listed in Table 3.1(c) of Appendix D of this chapter, shall:

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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, 2000;

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, 2001;

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 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.

(e) 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, for example, by the U.S. EPA's addition of new hazardous substances or new North American Industry Classification System codes, 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 12 months after the date set by the U.S. EPA for the submittal 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;

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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.

(f) The owner or operator of an industrial facility who was not required to prepare and submit pollution prevention planning documents pursuant to (a) or (b) above, but who subsequently manufactures or uses a hazardous substance in a quantity above the threshold quantity established at N.J.A.C. 7:1K-3.5, shall prepare a Pollution Prevention Plan and submit a Plan Summary to the Department by July 1 of the year after the submittal to the Department of a Release and Pollution Prevention Report (RPPR), Form DEQ-114, Sections A and B.

(g) 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. The owner or operator of a facility shall notify the Department in writing concerning the facility status by July 1 of the year following its change in status to a facility to which this subsection applies.

(h) The owner or operator of a priority industrial facility required to prepare and submit a Federal Toxic Chemical Release Form pursuant to 42 U.S.C. § 11023 shall be exempt from preparing a Pollution Prevention Plan, and submitting a Plan Summary and annual Progress Reports in accordance with the schedule in this section, if the sum of nonproduct output and quantity shipped as or in product for that hazardous substance does not exceed 500 pounds, determined from the value reported in Section B of the most current RPPR.

(i) The provisions of (a) above notwithstanding, the owner or operator of a priority industrial facility in business prior to September 7, 2004, who has fulfilled the reporting requirements of this section utilizing a base year of 1993 shall continue to fulfill the requirements of this section utilizing 1993 as the base year.

(j) The provisions of (b) above notwithstanding, the owner or operator of a priority industrial facility in business prior to September 7, 2004, who has fulfilled the reporting requirements of this section utilizing a base year of 1995 shall continue to fulfill the requirements of this section utilizing 1995 as the base year.

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:

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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 and Permit Coordination 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



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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 NAICS 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

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and Pollution Prevention 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. See N.J.A.C. 7:1K-3.9(c).

#### 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.

2. If the threshold quantity for a hazardous substance for reporting under 42 U.S.C. § 11023 is decreased by the U.S. EPA below the threshold established by the Department under this section for that substance, the effective threshold for the purposes of this chapter shall be that established by the U.S. EPA.

(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

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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-19 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

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(a) The owner or operator of a priority industrial facility is required to prepare a complete revision of the industrial facility's Pollution Prevention Plan 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 by July 1 of each fifth year thereafter.

(b) The owner or operator of a priority industrial facility is required to prepare and submit a complete revision of the industrial facility's Pollution Prevention Plan Summary by July 1 of the fifth year after the year of the initial preparation and submittal of the industrial facility's Pollution Prevention Plan Summary, and by July 1 of each fifth year thereafter.

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#### 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 any of the following occurs:

1. A production process changes or a grouping or targeting decision changes because the industrial facility:

i. Ceases operation of a production process or significantly expands the operation of a targeted production process;

ii. 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;

iii. 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 at N.J.A.C. 7:1K-3.5, which was not used, released or generated when the industrial facility's current Pollution Prevention Plan was completed;

iv. Reclassifies an existing nonproduct output as a product, intermediate product, or co-product;

v. Modifies a grouping decision that affects a targeted process; or

vi. Modifies a targeting decision pursuant to N.J.A.C. 7:1K-4.4;

2. A hazardous substance quantity used or manufactured at a priority industrial facility changes relative to the planning threshold quantity established at N.J.A.C. 7:1K-3.5;

3. A hazardous substance is added to or deleted from the TRI list or Appendix A of this chapter and that hazardous substance is used or manufactured at a priority industrial facility above

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the threshold quantity established at N.J.A.C. 7:1K-3.5 in the year following the year the hazardous substance was added; or

4. The Pollution Prevention planning threshold for a hazardous substance established at N.J.A.C. 7:1K-3.5 is revised in accordance with that section and a priority industrial facility uses or manufactures the hazardous substance in the year following the year in which the revised threshold takes effect at a quantity above the revised threshold.

(b) If any of the changes described in (a) above occur at a priority industrial facility during the reporting year, the owner or operator of the priority industrial facility shall review and revise 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 5.1(e)5i);

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).

(c) If any of the Pollution Prevention Plan or Plan Summary sections listed in (b) above change as a result of the changes described in (a) above at a priority industrial facility during the reporting year, the owner or operator of a priority industrial facility shall review its Pollution Prevention Plan and Pollution Prevention Plan Summary and shall:

1. Prepare substitute pages containing the revised information for inclusion in the industrial facility's Pollution Prevention Plan;

2. 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; and

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3. Submit substitute pages containing the revised information as part of the Pollution Prevention Plan Progress Report for the reporting year in which the changes took place and each subsequent year.

(d) For a source or production process, if the quantity of a hazardous substance used or manufactured annually at a priority industrial facility decreases below the threshold quantity established at N.J.A.C. 7:1K-3.5, the owner or operator shall notify the Department in writing of such change and the reason for the change by July 1 of the year following the decrease.

(e) If a hazardous substance is deleted from the TRI list or Appendix A of this chapter, and the substance is used or manufactured at a priority industrial facility above the threshold quantity established at N.J.A.C. 7:1K-3.5, the owner or operator of the facility shall submit a final Pollution Prevention Plan Progress Report for this substance by July 1 of the year following the deletion.

(f) If deletion of a hazardous substance from the TRI list or Appendix A of this chapter results in a priority industrial facility no longer being regulated under this chapter, the owner or operator of the facility shall submit a final Pollution Prevention Plan Progress Report by July 1 of the year following the deletion.

(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 and/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.

7:1K-3.10 Pollution Prevention Plan Summary and Pollution Prevention Plan Progress Report modifications due to improvements in pollution prevention for a production process established after January 1, 1992

(a) 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.

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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.

(b) 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, for production processes established after January 1, 1992 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.

#### 7:1K-3.11 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:

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(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)6; and

(3) Pollution prevention activities that occurred prior to 1987 or prior to preparation of an initial Pollution Prevention Plan 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)3i;

(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)1;

(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;



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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 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.

#### 7:1K-3.12 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.

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(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.

#### **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.

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(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-3.9(a)1v.

(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 shall 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-3.9(a)1v.

#### 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

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hazardous substances at the facility; information on the total costs of using and generating hazardous substances so as to compare these costs with those after implementing pollution prevention options in Part II cost analysis pursuant to N.J.A.C. 7:1K-4.5(a)5ii; 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 (RPPR) pursuant to N.J.A.C. 7:1G. Inclusion of the RPPR in a P2 Plan along with the use calculation at (b)2vi below satisfies the requirement for facility-level information.):

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 nonproduct output at the facility; and

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(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:

(A) On-site land disposal;

(B) Transferred to other off-site locations;

(C) Released due to remedial actions, catastrophic events or one-time events not associated with production processes;

vi. Quantities of each hazardous substance used at the industrial facility, in pounds, determined by adding items in (b)2iii (2), (3) and (4) above for the facility;

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 or prior to preparation of an initial Pollution Prevention Plan, provided that such strategies are consistent with the definition of pollution prevention at N.J.A.C. 7:1K-1.5;

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 prior to preparation of an initial Pollution Prevention Plan for any hazardous substance;

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ix. Additional facility-level hazardous substance information including, but not limited to:

- (1) Products associated with hazardous substances and units of production;
- (2) Reduction due to the discontinuance of operations; and
- (3) Reductions due to substitution of hazardous substances with non-hazardous substances; and

x. The difference between annual input quantities as specified at (b)2ii above and annual output quantities as specified at (b)2iii through v above, shall not exceed five percent.

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 and/or the P2-115, Pollution Prevention Process Level Data Worksheet, pursuant to N.J.A.C. 7:1K-4.9, as applicable.):

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, or a targeted process according to N.J.A.C. 7:1K-4.4. 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;

iii. A description of the owner or operator's grouping decision, if any, including a description of the unit for measuring production; and

iv. A process flow diagram.

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 for each of the following categories:

- (A) Recycled out of process;
- (B) Destroyed by on-site treatment;
- (C) Destroyed by on-site energy recovery
- (D) Stack air emissions;
- (E) Fugitive air emissions;
- (F) Discharge to POTW's;
- (G) Discharge to groundwater;
- (H) Discharge to surface waters;

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- (I) On-site land disposal;
- (J) Transferred off-site;
- (K) Ending inventory, as nonproduct output minus beginning inventory, as nonproduct output ;

(5) Released from each production process; and

(6) Recycled outside of each production process;

ii. Pollution Prevention techniques used in a given year;

iii. Whether or not a process was discontinued or sent off-site in a given year;

iv. Whether or not a facility made a process change that triggered a P2 Plan modification pursuant to N.J.A.C. 7:1K-3.9; and

v. An explanation on whether or not a facility's pollution prevention progress for targeted processes was less than anticipated;

5. Information and data on hazardous waste generation, treatment, storage and disposal activities:

i. Annual 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) Reductions or increases in the amount of each hazardous waste generated, per unit of product, in comparison to the base year;

(6) Address of off-site treatment, storage or disposal facilities (TSD's);

and

(7) 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 annual amounts of each hazardous waste generated at each production process at the industrial facility, including reductions or increases in the amount of each hazardous waste generated, per unit of product, in comparison to the base year; and

6. Cost data:

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i. An estimate 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;
- (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) Raw material costs;
- (9) Safety and health compliance costs; and

(10) 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(f)4i through iv.):

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

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

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

iv. 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:



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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 base 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 base 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 or from each targeted production process, which are not the result of pollution prevention techniques, in comparison to the base 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 base 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 base 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.

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

(a) In regard to targeting of sources or production processes, the following cases are applicable:

1. 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

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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 nonproduct output, or released at the industrial facility.

2. The owner or operator of a priority industrial facility shall target for Part II pollution prevention planning all sources or production processes that use or generate persistent, bioaccumulative, toxic (PBT) chemicals as nonproduct output at the industrial facility, if the facility level quantities are above the reporting thresholds contained at 40 CFR 372.

(b) Pursuant to (a)1 above, 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)

(c) 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.

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

(e) If the owner or operator of a priority industrial facility decide 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-3.9 (a) 6.

#### 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;

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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. An estimate of the costs in order to determine potential 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;

(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) Raw material costs;

(9) Safety and health compliance costs; and

(10) 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.);

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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; and

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)4 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 at(a)5i above.

(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.

#### 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.

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(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 to (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

(a) The owner or operator of a priority industrial facility may 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 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 the industrial facility shall include in the industrial facility's Pollution Prevention Plan and Pollution Prevention Plan Summary a brief technical and economic

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analysis of whether pollution prevention strategies are reasonably available to the industrial facility for the specific hazardous substance(s) in specific production processes identified and a 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. 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.

#### 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.

#### 7:1K-4.9 Pollution Prevention Process-Level Data Worksheet in the Pollution Prevention Plan

(a) An owner or operator of a priority industrial facility shall include in a Pollution Prevention Plan a P2-115, Pollution Prevention Process-Level Data Worksheet, available from the Department (at address in (a)1 below.), for recording key process-level data elements required for each process in the Pollution Prevention Plan. These include type and units of product, process-level use and nonproduct output (NPO), and data components needed to compute use and NPO. The worksheet(s) shall include base year data and shall be annually updated and included in the Plan. At the discretion of the Department, an owner or operator may include in the Pollution Prevention Plan an alternate version of this worksheet, such as an electronic spreadsheet, as developed by the facility. The worksheet shall be included in the Pollution Prevention Plan by the next submittal to the Department of a Release and Pollution Prevention Report (RPPR), or by the next revision of the P2 Plan, whichever occurs first.

1. The worksheet may be obtained at the following address:

Office of Pollution Prevention and Right to Know  
Department of Environmental Protection  
P.O. Box 443  
Trenton, New Jersey 08625-0443  
(609) 777- 0518 or  
by internet: <http://www.nj.gov/dep/opppc/>

#### 7:1K-4.10 Retention of Pollution Prevention Plans, Plan Summaries and Progress Reports at the site

An owner or operator of a priority industrial facility shall retain Pollution Prevention Plans, Plan Summaries and Progress Reports at the site for a minimum of five years beyond the end of the previous cycle.

### **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. Beginning with reporting year 2005, prepare and submit to the Department electronically using the Department's on-line reporting website located at

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<http://www.nj.gov/dep/online/>, by the deadline specified 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) If it is a hardship for an owner or operator of a priority industrial facility to submit a Pollution Prevention Plan Summary electronically, the employer may request approval from the Department to submit the Pollution Prevention Plan Summary in paper form. The Department shall approve such a request provided that:

1. The request is submitted no later than July 1 of the submittal year;
2. The owner or operator of a priority industrial facility explains:
  - i. The grounds for the hardship that electronic submittal would impose; and
  - ii. The effort(s) the owner or operator of a priority industrial facility will make to ensure the facility's ability to make electronic submittals in the future; and
3. The owner or operator of a priority industrial facility makes every effort to become able to submit the form electronically in future years; and

(c) The owner or operator of a priority industrial facility that is claiming confidentiality under N.J.A.C. 7:1K-8.2(b) for any part of the Pollution Prevention Plan Summary must submit a paper copy of the confidential Pollution Prevention Plan Summary to the Department.

(d) The Department shall approve, on a case-by-case basis, an extension of a reporting deadline if a facility is unable to electronically file its Pollution Prevention Plan Summary due to a malfunction in the Department's electronic reporting system. The Department shall not approve any extension due to a malfunction in a facility's electronic information technology system, unless the facility verifies the malfunction in writing and promptly files the report by other means.

(e) 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.";

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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 (e)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 six-digit North American Industry Classification System (NAICS) code. A list of applicable six-digit NAICS codes is included in the tables in Appendix D; 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 non-product output per unit of product, as defined by N.J.A.C. 7:1K-1.5, for each hazardous substance in each



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targeted production process (Note: The process-level goals to be reported in (e) 5i and ii 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 (e)5ii and iii above; and

v. A schedule for implementing the pollution prevention techniques identified in (e)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 (e)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;

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).

#### 7:1K-5.2 Optional submittal of Pollution Prevention Process-Level Data Worksheet with the Pollution Prevention Plan Summary

(a) An owner or operator of a priority industrial facility may submit Pollution Prevention Process-Level Data Worksheet(s), as set forth at 7:1K-4.9, with the Pollution Prevention Plan Summary. In a worksheet for each process at the facility, base year data would be recorded.

## **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:

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1. Beginning with reporting year 2005, prepare and submit to the Department, by July 1 of each year after completion of the facility's initial Pollution Prevention Plan, electronically using the Department's on-line reporting website located at <http://www.nj.gov/dep/online/>, a Pollution Prevention Plan Progress Report that indicates the progress made since the base year in achieving the use reduction and non-product output reduction goals set forth in the facility's current Pollution Prevention Plan; and

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

(b) If it is a hardship for an owner or operator of a priority industrial facility to submit a Pollution Prevention Plan Progress Report electronically, the employer may request approval from the Department to submit the Pollution Prevention Plan Progress Report in paper form. The Department shall approve such a request provided that:

1. The request is submitted no later than July 1 of the submittal year;
2. The owner or operator of a priority industrial facility explains:
  - i. The grounds for the hardship that electronic submittal would impose;

and

- ii. The effort(s) the owner or operator of a priority industrial facility will make to ensure the facility's ability to make electronic submittals in the future; and
  3. The owner or operator of a priority industrial facility makes every effort to become able to submit the form electronically in future years.

(c) The owner or operator of a priority industrial facility that is claiming confidentiality for any part of the Pollution Prevention Plan Progress Report must submit a paper copy of the confidential Pollution Prevention Plan Progress Report to the Department.

(d) The Department shall approve, on a case-by-case basis, an extension of a reporting deadline if a facility is unable to electronically file its Pollution Prevention Plan Progress Report due to a malfunction in the Department's electronic reporting system. The Department shall not approve any extension due to a malfunction in a facility's electronic information technology system, unless the facility verifies the malfunction in writing and promptly files the report by other means.

(e) 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.

(f) 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;

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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 nonproduct 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 adding items in (f) 3iii(2), (3) and (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 base year;

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

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

iv. 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 or intermediate products produced 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 (f)4i through iv 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 iv .)

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 base 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 base 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 or production of intermediate products from each targeted production process, which are not the result of pollution prevention techniques, in comparison to the base 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 or production of intermediate products from each targeted production process, which are not the result of pollution prevention techniques, in comparison to the base year;

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(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 base 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 or intermediate products produced 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 (f)5ii(1) through (5) above (Note: The information to be reported in (f)5ii(1) through (7) is the same information to be included in 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 (f)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).

7:1K-6.2 Optional submittal of Pollution Prevention Process-Level Data Worksheet in lieu of the Pollution Prevention Plan Progress Report

(a) An owner or operator of a priority industrial facility may submit annually updated Pollution Prevention Process-Level Data Worksheet(s), as set forth at 7:1K-4.9, in lieu of the Pollution Prevention Plan Progress Report (DEQ-114, RPPR, Sections C and D). In a worksheet for each process at the facility, the latest annual data would be recorded.

## **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, non-product 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.

(d) Any action taken by the Department pursuant to this subchapter to revoke, issue, reissue or modify any permit, certificate, registration or other Departmental approval may be appealed 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 appropriate.

(e) The Department shall use applicable regulatory requirements in developing facility-wide permit conditions. Upon the priority industrial facility's request, the Department may undertake a voluntary, joint effort with the priority industrial facility to develop facility-wide permit conditions that are more stringent than applicable regulatory requirements.

#### 7:1K-7.2 Designation of priority industrial facilities for participation in facility-wide permit program

(a) By September 1, 1994, the Department shall designate no fewer than 10 but not more than 15 individual priority industrial facilities to participate in the facility-wide permit program and to receive a facility-wide permit. Preference for participation in the facility-wide permit program shall be given to facilities that voluntarily participate in the program.

(b) The owner or operator of a priority industrial facility volunteering to participate in the pilot program for facility-wide permitting shall notify the Commissioner in writing, shall be signed by the

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highest corporate officer with direct operating responsibility for the facility and shall remain in effect unless withdrawn pursuant to N.J.A.C. 7:1K-7.3(f).

(c) Upon receiving a priority industrial facility's commitment to volunteer to participate in the facility-wide permit program, the Department shall evaluate the facility's suitability for receiving a facility-wide permit and shall accept or reject the facility's volunteer commitment. By March 1, 1994, the Department shall notify the facility of its decision to either designate the facility for participation in the facility-wide permit program or reject the facility's volunteer commitment. This notice shall be in writing by certified mail. The Department's evaluation of a facility's commitment to volunteer in the facility-wide permit program shall be based, at a minimum, on the following considerations:

1. The potential for the priority industrial facility to serve as a Statewide model for multi-media pollution prevention programs;
2. The potential for a priority industrial facility that does not meet industry-wide pollution prevention goals to meet those goals through a facility-wide permit;
3. The potential for a priority industrial facility that has not met the use reduction and NPO reduction goals set forth in its Pollution Prevention Plan to meet those goals through a facility-wide permit;
4. The priority industrial facility's history of compliance or non-compliance with the terms of any permit, certificate, registration or any other relevant Department approval issued to the priority industrial facility;
5. The number and type of permits, certificates, registrations or any other relevant approvals issued by the Department and currently held by the priority industrial facility;
6. The effective date and expiration date of permits currently held by the priority industrial facility;
7. The number and quantity of hazardous substances used, generated or released by the priority industrial facility;
8. Whether anticipated changes in production activities at the priority industrial facility may best be addressed through a facility-wide permit; and
9. The nature of current and future State or Federal statutory and regulatory requirements affecting the priority industrial facility.

(d) If by March 1, 1994, the Department designates fewer than 15 facilities to participate in the facility-wide permit program from those facilities volunteering under (b) above, the Department may designate additional priority industrial facilities to participate in the facility-wide permit program and to receive a facility-wide permit. The Department's designation of additional facilities shall be based on the following considerations:

1. The potential for the priority industrial facility to serve as a Statewide model for multi-media pollution prevention programs;

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2. The potential for a priority industrial facility that does not meet industry-wide pollution prevention goals to meet those goals through a facility-wide permit;

3. The potential for a priority industrial facility that has not met the use reduction and NPO reduction goals set forth in its Pollution Prevention Plan to meet those goals through a facility-wide permit;

4. The priority industrial facility's history of compliance or non-compliance with the terms of any permit, certificate, registration or any other relevant Department approval issued to the priority industrial facility;

5. The number and type of permits, certificates, registrations or any other relevant approvals issued by the Department and currently held by the priority industrial facility;

6. The effective date and expiration date of permits currently held by the priority industrial facility;

7. The number and quantity of hazardous substances used, generated or released by the priority industrial facility;

8. Whether anticipated changes in production activities at the priority industrial facility may best be addressed through a facility-wide permit; and

9. The nature of current and future State or Federal statutory and regulatory requirements affecting the priority industrial facility.

(e) By September 1, 1994, the Department shall notify each priority industrial facility which has not volunteered to participate in the facility-wide program pursuant to (b) and (c) above, but which has been designated to receive a facility-wide permit pursuant to (d) above. This notice shall be in writing, by certified mail.

(f) After each priority industrial facility participating in the facility-wide permit program has received notification of its designation to the program, the Department shall prepare and submit to the Legislature a report summarizing the designation process and the progress made to date in establishing a facility-wide permitting program.

#### 7:1K-7.3 Procedures for issuing facility-wide permits

(a) The owner or operator of a priority industrial facility designated to participate in the facility-wide permit program pursuant to N.J.A.C. 7:1K-7.2 shall submit a complete facility-wide permit application to the Department by the deadline established by the Department. The Department shall establish a deadline for submittal of facility-wide permit applications by providing each industrial facility with at least 45 days advance notice by certified mail in order to enable the industrial facility to assert a confidentiality claim pursuant to N.J.A.C. 7:1K-8.2, if applicable.

(b) A complete facility-wide permit application shall consist of the following:



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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 11; and

2. A facility-wide permit application consisting of information and data, on forms provided by or approved by the Department, for all emissions and discharges from the facility and the management of solid and hazardous wastes, including all information needed to prepare and issue permits, certificates and approvals issued by the Department 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.; and the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., as applicable.

(c) The Department shall review the facility's Pollution Prevention Plan and facility-wide permit application to ensure compliance with all applicable requirements 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.; and the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., as applicable.

(d) After the Department determines that the facility's Pollution Prevention Plan and facility-wide permit application are administratively complete, the Department will conduct a technical review and, if necessary, provide comments to the owner or operator of the priority industrial facility within approximately 60 calendar days.

(e) The owner or operator of the priority industrial facility will have approximately 60 calendar days to submit a revised Pollution Prevention Plan and facility-wide permit application addressing the Department's technical comments.

(f) Within approximately 90 calendar days of receiving the revised Pollution Prevention Plan and facility-wide permit application from a facility under (d) above, the Department shall conduct a final administrative review of the facility-wide permit application and shall either:

1. Issue a draft facility-wide permit and a combined public notice in accordance with 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.; and the Air Pollution Control Act, N.J.S.A. 26:2C-1 et seq., as applicable; or

2. Notify the industrial facility that its facility-wide permit application has been denied.

(g) An industrial facility that volunteered to participate in the pilot facility-wide permit program pursuant to N.J.A.C. 7:1K-7.2(b) and (c) may withdraw from the pilot facility-wide program at any time up until the 30th day following its receipt of the draft facility-wide permit by submitting its decision to withdraw to the Commissioner in writing, signed by the highest corporate officer with direct operating responsibility for the industrial facility. An industrial facility that was designated by the Department for participation in the pilot facility-wide permitting program pursuant to N.J.A.C. 7:1K-7.2(d) and (e) may only withdraw from the pilot facility-wide permit program during the 30-day period following its receipt of the draft facility-wide permit, by submitting its decision to withdraw to the Commissioner in writing, signed by the highest corporate officer with direct operating responsibility for the industrial facility.

(h) The Department shall provide a minimum 45-day public comment period to receive comments from interested parties on the terms and conditions of the draft facility-wide permit.

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(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.

#### 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.

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## **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, 3.10, 3.11, 3.12 or 3.13, 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.

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(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 and Right to Know  
New Jersey Department of Environmental Protection  
P.O. Box 443  
Trenton, New Jersey 08625-0443

### **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.

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(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.

#### 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.

(b) The Department shall send the notice required by (a)1 and 2 above by certified mail, return receipt requested, or by other means providing a receipt for delivery.

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(c) If the Department is able to determine whether all of the assertedly confidential information is or is not confidential information, without the need for submission of substantiation under N.J.A.C. 7:1K-9.4, such determination shall have the effect of a final confidentiality determination pursuant to N.J.A.C. 7:1K-9.6. The Department shall provide such notices of the determination as are required by N.J.A.C. 7:1K-9.6.

#### 7:1K-9.4 Substantiation of confidentiality claims

(a) If the Department has determined that any assertedly confidential information may be confidential information, and has notified the claimant pursuant to N.J.A.C. 7:1K-9.3(a) and (b), the claimant shall substantiate the confidentiality claim by submitting information to the Department in the following areas within the time allotted by N.J.A.C. 7:1K-9.5:

1. Measures taken by the claimant to prevent disclosure of the information to others;
2. The extent to which the information has been disclosed to others, and the precautions taken to prevent further disclosure;
3. If the Department, the United States Environmental Protection Agency, or any other State or Federal agency has previously made a confidentiality determination relevant to the pending confidentiality claim, copies of all such confidentiality determinations;
4. A description of any substantial harmful effects which disclosure would have upon the claimant's competitive position, an explanation of why such harmful effects are substantial, and an explanation of the casual relationship between disclosure and such harmful effects;
5. A demonstration that the information is not readily discoverable through reverse engineering or other analytical techniques;
6. The period of time for which the claimant desires that the Department treat the assertedly confidential information as confidential information; and
7. Any other substantiation which is relevant in establishing that the assertedly confidential information is confidential information.

(b) The claimant may assert a confidentiality claim for any information submitted to the Department by the claimant as part of his or her substantiation pursuant to this subsection. If the claimant fails to assert a confidentiality claim for such information at the time of submission, the claimant shall be deemed to have waived all such claims with respect to the information.

#### 7:1K-9.5 Time for submission of substantiation

(a) The claimant shall submit substantiation within 45 days after the date of the claimant's receipt of the written notice provided under N.J.A.C. 7:1K-9.3(a)1.

(b) The Department may, in its discretion, extend the time allotted for submission of substantiation pursuant to (a) above if, before the expiration of the allotted time, the claimant submits a written request for the extension of such allotted time, provided, however, that except in extraordinary circumstances, the Department shall not approve such an extension of time in connection with a request to inspect or copy assertedly confidential information pursuant to

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N.J.S.A. 47:1A-1 et seq. without the consent of any person whose request to inspect or copy the allegedly confidential information under N.J.S.A. 47:1A-1 et seq. is pending.

(c) If a claimant fails to submit substantiation within the time allotted pursuant to this section, the claimant shall be deemed to have waived all confidentiality claims with respect to the information for which the substantiation was required.

#### 7:1K-9.6 Final confidentiality determination

(a) If, after review of all the information submitted pursuant to N.J.A.C. 7:1K-9.4, the Department determines that the assertedly confidential information is not confidential information, the Department shall take the following actions:

1. The Department shall so notify the claimant by certified mail, return receipt requested. The notice shall state the basis for the determination, that it constitutes final agency action concerning the confidentiality claim, and that the Department shall make the information available to the public on the 46th day following receipt by the claimant of the written notice. The notice shall include a copy of the final public copy to be made available to the public.

2. On or after the 46th day following receipt by the claimant of the written notice required by (a)1 above, the Department shall send written notice of the determination to any requester with a pending request to inspect or copy the information which was the subject of the confidentiality claim. The Department shall send the notice by certified mail, return receipt requested.

(b) If, after review of the substantiation submitted pursuant to N.J.A.C. 7:1K-9.4, the Department determines that the assertedly confidential information is confidential information, the Department shall treat such information as confidential information in accordance with N.J.A.C. 7:1K-11. The Department shall send written notice of the determination to the claimant and to any requester with a pending request to inspect or copy the information which was the subject of the confidentiality claim. The notice shall state the basis for the determination and that it constitutes final agency action. The Department shall send the notice by certified mail, return receipt requested.

(c) If, after review of the substantiation submitted pursuant to N.J.A.C. 7:1K-9.3, the Department determines that the claimant has made a frivolous confidentiality claim, the Department may assess a civil administrative penalty pursuant to N.J.A.C. 7:1K-12.6. The Department shall determine that a confidentiality claim is frivolous if it meets one or more of the following criteria:

1. The confidentiality claim is without any reasonable basis in fact; or

2. The confidentiality claim is clearly and substantially inconsistent with the definition of "confidential information" at N.J.A.C. 7:1K-1.5, such that the claim can not be supported by a good faith argument for treatment of the assertedly confidential information as confidential information, regardless of whether all the criteria at N.J.A.C. 7:1K-1.5 have been satisfied; or

3. The confidentiality claim is submitted for the sole purpose of concealing non-confidential information required to be disclosed pursuant to this chapter.

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#### 7:1K-9.7 Treatment of information pending confidentiality determination

The Department shall treat assertedly confidential information as confidential information, until the Department has made a final determination that the assertedly confidential information is not confidential information.

#### 7:1K-9.8 Availability of information to the public after determination that information is not confidential

If the Department determines that assertedly confidential information is not confidential information pursuant to N.J.A.C. 7:1K-9.5(a), the Department may disclose such information to any person on the date which is 14 days after the claimant's receipt of the written notice of the confidentiality determination.

#### 7:1K-9.9 Preparation of final public copy

After the Department makes a final confidentiality determination that a record contains confidential information, the Department shall prepare a final public copy of the record based upon the final confidentiality determination. The Department may disclose the final public copy to any person, without restriction or limitation.

#### 7:1K-9.10 Class confidentiality determinations

(a) The Department may make a class confidentiality determination if the Department finds that the items of information within the class share one or more characteristics, which characteristics would cause the Department to determine consistently that such information is or is not confidential information.

(b) A class confidentiality determination shall clearly identify the class of information to which it applies. Such identification shall include a list of the common characteristics shared by all information within the class.

(c) A class confidentiality determination shall state that all of the information in the class is or is not confidential information.

#### 7:1K-9.11 Classes of information which are not confidential information

(a) Without limiting the ability of the Department to determine that information not listed in this section is not confidential information, the following types of information are not confidential information:

1. The name, address and business telephone number of a facility and of its owner or operator and the registered agent of such owner or operator;



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2. The types and quantities of hazardous substances present at a facility;
  3. Information contained in an administrative order or notice of civil administrative penalty assessment issued under N.J.A.C. 7:1K-3.10 or 7:1K-12;
  4. Any other information required to be publicly disclosed pursuant to any other act, administrative rule, or regulation;
  5. Any information for which a trade secret claim is prohibited by N.J.A.C. 7:1G-6.5;
- and
6. Any information submitted electronically pursuant to N.J.A.C. 7:1K-5.1 and 6.1.

## **SUBCHAPTER 10 DISCLOSURE AND USE OF CONFIDENTIALITY INFORMATION OR ASSERTEDLY CONFIDENTIAL INFORMATION**

7:1K-10.1 Disclosure of confidential information or assertedly confidential information to other public agencies

(a) The Department may disclose confidential information or assertedly confidential information to any other State agency or to a Federal agency if:

1. The Department receives a written request for disclosure of the information from a duly authorized officer or employee of the requesting agency;
2. The Department notifies the other agency of any pending confidentiality claim concerning the requested information, or of any confidentiality determination regarding the requested information;
3. The other agency has furnished to the Department a written opinion from the agency's chief legal officer or counsel stating that under applicable law the agency has the authority to compel the person who submitted the information to the Department (or allowed the Department to obtain such information) to disclose such information to the requesting agency;
4. The other agency has adopted regulations or operates under statutory authority that will allow it to preserve confidential information or assertedly confidential information from unauthorized disclosure, and agrees in writing to refrain from disclosure and to safeguard the information in accordance with the requirements of N.J.A.C. 7:1K-11.1 and 11.2, unless:
  - i. The requesting agency has statutory authority both to compel production of the information and to disclose it; or
  - ii. The claimant has consented to disclosure of the information by the requesting agency; and
5. The requesting agency agrees not to disclose the information further unless:
  - i. The requesting agency has statutory authority both to compel production of the information and to make the proposed disclosure; or
  - ii. The claimant has consented to disclosure of the information by the requesting agency.

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7:1K-10.2 Disclosure of confidential information or assertedly confidential information to contractors

(a) The Department may disclose confidential information or assertedly confidential information to a contractor, if it complies with the procedure established under (b) below, and if:

1. The Department determines that such disclosure is necessary in order for the contractor to perform the work required by the contract;

2. The contract provides that the contractor and the contractor's employees shall use the information only for the purpose of performing the duties required by the contract, shall refrain from disclosing the information to anyone other than the Department, shall store all records containing the confidential information in locked cabinets in secure rooms, shall not duplicate the information, and shall return to the Department all originals and all copies of the information (and any abstracts or extracts therefrom, or any records containing any of the information) when the confidential information is no longer necessary to enable the contractor to perform obligations under the contract, or at any time upon the request of the Department; and

3. If the claimant so requests, the contractor contracts with the claimant to refrain from further disclosure of the information.

(b) Before disclosing confidential information or assertedly confidential information to a contractor under (a) above, the Department shall notify the claimant of the proposed disclosure in writing, delivered by certified mail, return receipt requested, at least 45 days before making the disclosure. The notice shall state the information to be provided, the identity of the contractor, and the scheduled date of disclosure. If, at least three working days before the scheduled date of disclosure, the claimant delivers to the Department information sufficient to establish that the proposed disclosure would be likely to cause substantial damage either to the claimant's competitive position or to national security, the Department shall refrain from making the disclosure.

7:1K-10.3 Disclosure of confidential information or assertedly confidential information to physicians or osteopaths

(a) The Department may disclose confidential information or assertedly confidential information to a physician or osteopath when such information is needed for medical diagnosis or treatment if:

1. The physician or osteopath seeking disclosure of confidential information or assertedly confidential information for the purposes of medical diagnosis or treatment makes a written request for disclosure of the information. The written request shall concisely describe the need for the information and shall certify that the information is not available from other sources;

2. The physician or osteopath signs a written agreement with the Department providing that the physician or osteopath and his or her employees shall use the information only for the purpose of medical diagnosis or treatment, shall refrain from disclosing the information to anyone other than the Department, shall store all records containing the confidential information in locked cabinets in secure rooms, shall not duplicate the information, and shall return to the Department all originals and all copies of the information (and any abstracts or extracts therefrom, or any

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records containing any of the information) when the confidential information is no longer necessary for medical diagnosis or treatment; and

3. If the claimant so requests, the physician or osteopath signs a written agreement with the claimant to refrain from further disclosure of the information.

(b) Before disclosing confidential information or assertedly confidential information to a physician or osteopath under (a) above, the Department shall notify the claimant of the proposed disclosure in writing, delivered by certified mail, return receipt requested, at least 45 days before making the disclosure. The notice shall state the information to be provided, the identity of the physician or osteopath, and the scheduled date of disclosure.

7:1K-10.4 Disclosure of confidential information or assertedly confidential information for the protection of public health

(a) Notwithstanding any other provision of this chapter, the Department may disclose confidential information or assertedly confidential information to an officer or employee of the State in connection with the official duties of the officer or employee under any law for the protection of public health.

(b) The following procedure shall apply to the disclosure of information by the Department to officers or employees of the State under any law for the protection of public health:

1. The Department shall inform the claimant that the Department is considering using the information in connection with the law for the protection of public health and shall afford the claimant a reasonable time for comment;

2. The claimant shall submit comments concerning the proposed use of the information to the Department within the time allotted pursuant to (b)1 above, including comments which may support a determination that the information is not relevant to the proceeding, or that the disclosure of the information in the proceeding is not necessary to protect the public health;

3. The Department may disclose the confidential information in connection with any law for the protection of public health if, upon consideration of the comments submitted pursuant to (b)1 above, the Department determines that the information is relevant to the subject of the proceeding, that the use of the information in the proceeding will protect the public health, and that it materially impairs the protection of the public health to limit the use of the information to a manner which preserves its confidentiality.

7:1K-10.5 Notice to claimants of disclosure of confidential information or assertedly confidential information

(a) Promptly after the Department discloses confidential information or assertedly confidential information pursuant to N.J.A.C. 7:1K-10.1 through 10.4, the Department shall notify any claimant from whom the Department has obtained the information of the disclosure. Such notice shall be in writing, and shall contain the following information:

1. The date on which disclosure was made;

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

3. A description of the information disclosed.

#### 7:1K-10.6 Disclosure by consent

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

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

#### 7:1K-10.7 Incorporation of confidential information or assertedly confidential information into cumulations of data

Nothing in this chapter shall be construed as prohibiting the incorporation of confidential information or assertedly confidential information into general compilations of information based on industry groups or classifications of hazardous substances which may be subject to disclosure as public records, or for conducting research and preparing reports pursuant to N.J.S.A. 13:1D-45, provided that after consultation with the claimant, the Department has determined that such disclosure is not in a form that would foreseeably allow persons, not otherwise having knowledge of such confidential information, to deduce from it confidential information or the identity of the person who supplied it to the Department.

#### 7:1K-10.8 Hearing before disclosure of information for which a confidentiality claim has been made

(a) A claimant may request an adjudicatory hearing to contest disclosure of any information for which a confidentiality claim has been made, at any time before disclosure. The request shall be in accordance with the requirements of N.J.A.C. 7:1K-12.3.

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

1. The claimant fails to provide all information required under N.J.A.C. 7:1K-12.3(b);

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

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

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

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(d) At the adjudicatory hearing, the respondent shall have the burden of showing that the proposed disclosure is not in accordance with this N.J.A.C. 7:1K.

(e) Pending the completion of the adjudicatory hearing, the Department will refrain from disclosing the assertedly confidential information, unless the Department has been ordered to disclose the information by a court of competent jurisdiction, or by any other person or entity with the power and authority to compel disclosure.

## **SUBCHAPTER 11 TREATMENT OF CONFIDENTIAL AND ASSERTEDLY CONFIDENTIAL INFORMATION**

### 7:1K-11.1 Nondisclosure of confidential or assertedly confidential information

Unless specifically required by any Federal or State law, statute, administrative rule, regulation, order, court order, or applicable court rule, the Department shall not disclose confidential or assertedly confidential information to any person other than as provided in N.J.A.C. 7:1K-10.

### 7:1K-11.2 Safeguarding of confidential or assertedly confidential information

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

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

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

(d) The Department shall maintain a record of all persons obtaining access to confidential or assertedly confidential information, including the date and time of, and the reasons for, the access.

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

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

(g) Department employees, representatives and contractors are prohibited from duplicating confidential or assertedly confidential information.

#### 7:1K-11.3 Confidentiality agreements

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

#### 7:1K-11.4 Wrongful access or disclosure; penalties

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

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

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

1. Commence a civil action in Superior Court for a restraining order and an injunction barring that person from further disclosing confidential information; and/or

2. Pursue any other remedy available at law or equity.

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

(e) In addition to any other penalty that may be sought by the Department, any officer or employee of the State or contractor of the State who has access to any confidential or assertedly confidential information, and who willingly and knowingly discloses the confidential or assertedly confidential information to any person not authorized to receive it, is guilty of a crime of the third degree.

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

## **SUBCHAPTER 12 CIVIL ADMINISTRATIVE PENALTIES AND REQUESTS FOR ADJUDICATORY HEARINGS**

### 7:1K-12.1 Authority, scope and purpose

(a) This subchapter governs the Department's issuance of administrative orders and the assessment and settlement of civil administrative penalties for violations of the Act. In particular, this subchapter establishes ranges of civil administrative penalties for violations of similar type, seriousness, and duration, as required by N.J.S.A. 13:1D-49(d). This subchapter also sets forth the procedures for persons requesting an adjudicatory hearing on an administrative order, notice of civil administrative penalty assessment or confidentiality determination issued under the Act or this chapter.

(b) The Department may assess a civil administrative penalty of not more than \$15,000 for each violation of the Act.

(c) Each day during which a violation of the Act continues constitutes an additional, separate, and distinct offense.

(d) Neither the issuance of an administrative order, the assessment of a civil administrative penalty, nor the payment of any civil administrative penalty shall be deemed to affect the availability of any other enforcement provision provided for by the Act, or any other statute or administrative regulation, in connection with the violation of the Act for which the order is issued or the assessment is levied.

### 7:1K-12.2 Procedures for assessment and payment of civil administrative penalties

(a) In order to assess a civil administrative penalty for a violation of the Act, the Department shall, by means of an administrative order and notice of civil administrative penalty assessment, notify the violator by certified mail (return receipt requested) or by personal service. The Department may, in its discretion, assess a civil administrative penalty for more than one offense in a single administrative order and notice of civil administrative penalty assessment or in multiple administrative orders and notices of civil administrative penalty assessment. The administrative order and notice of civil administrative penalty assessment shall:

1. Identify the section of the Act, rule, administrative order, or permit violated;
2. Concisely state the facts that constitute the violation of the Act;
3. Specify the amount of the civil administrative penalty assessed; and

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4. Advise the violator of the right to request an adjudicatory hearing pursuant to the procedures in N.J.A.C. 7:1K-12.3.

(b) A notice of assessment of a civil administrative penalty may be issued separately or as part of an administrative order issued pursuant to N.J.S.A. 13:1D-49(b) requiring the alleged violator to take affirmative action to comply with the Pollution Prevention Act or a rule or regulation issued pursuant to the Act.

(c) Payment of the civil administrative penalty is due upon receipt by the violator of the Department's Final Order in a contested case, or when a notice of civil administrative penalty assessment becomes a Final Order, as follows:

1. If an adjudicatory hearing is not requested pursuant to the procedures in N.J.A.C. 7:1K-12.3, a Notice of Civil Administrative Penalty Assessment becomes a Final Order on the 21st day following receipt of the Notice of Civil Administrative Penalty Assessment by the violator;

2. If an adjudicatory hearing is requested pursuant to the procedures in N.J.A.C. 7:1K-12.3 but the Department denies the hearing request, a Notice of Civil Administrative Penalty Assessment becomes a Final Order upon receipt by the violator of notice of such denial; or

3. If an adjudicatory hearing is requested pursuant to the procedures in N.J.A.C. 7:1K-12.3 and the Department grants the hearing request, a Notice of Civil Administrative Penalty Assessment becomes a Final Order upon receipt by the violator of a Final Order in a contested case.

#### 7:1K-12.3 Procedures for requesting and conducting adjudicatory hearings

(a) To request an adjudicatory hearing to contest an administrative order, notice of civil administrative penalty assessment or confidentiality determination issued pursuant to the Act or this chapter, the violator or claimant shall submit the information required by (b) below to the following address:

Office of Legal Affairs  
Attention: Adjudicatory Hearing Requests  
Department of Environmental Protection  
P.O. Box 402  
Trenton, New Jersey 08625

(b) To request an adjudicatory hearing to contest an administrative order, notice of civil administrative penalty assessment, or confidentiality determination, the violator or claimant shall submit the following information to the Department:

1. The name, address, and telephone number of the violator or claimant and its authorized representative;

2. If an administrative order or notice of civil penalty assessment is being appealed:

i. The violator's defenses to each of the Department's findings of fact in the administrative order or notice of civil administrative penalty assessment stated in short and plain terms; and



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ii. An admission or denial of each of the Department's findings of fact in the administrative order or notice of civil administrative penalty assessment. If the alleged violator is without knowledge or information sufficient to form a belief as to the truth of a finding, the alleged violator shall so state and this shall have the effect of a denial. A denial shall fairly meet the substance of the findings denied. When the alleged violator intends in good faith to deny only a part or a qualification of a finding, the alleged violator shall specify so much of it as is true and material and deny only the remainder. The alleged violator may not generally deny all of the findings but shall make all denials as specific denials of designated findings. For each finding the alleged violator denies, the alleged violator shall allege the fact or facts as the alleged violator believes it or them to be;

3. If a confidentiality determination is being appealed:

i. A concise statement of each factual or legal question alleged to be at issue and its relevance to the Department's confidentiality determination; and

ii. A concise statement of the claimant's or applicant's position on each factual or legal question alleged to be at issue;

4. Information supporting the request and specific reference to or copies of other written documents relied upon to support the request;

5. An estimate of the time required for the hearing (in days and/ or hours); and

6. A request, if necessary, for a barrier-free hearing location for physically disabled persons.

(c) If the Department does not receive the hearing request within 20 days after receipt by the violator of an administrative order or notice of civil administrative penalty assessment being challenged, or within 45 days after receipt by the claimant of a confidentiality determination, the Department shall deny the hearing request.

(d) If the violator or claimant fails to include all the information required by (d) above, the Department may deny the hearing request. The Department may grant the violator or claimant an additional 10 days to correct deficiencies in an incomplete adjudicatory hearing request.

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

#### 7:1K-12.4 Civil administrative penalty determination - general

(a) The Department may assess a civil administrative penalty of not more than \$5,000 for the first offense, not more than \$10,000 for the second offense and not more than \$15,000 for the third and each subsequent offense against each violator for each violation of the Act.

(b) Each violation of the Act constitutes a distinct and separate offense.

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

(d) The Department may, in its discretion, assess a civil administrative penalty on the basis of one or more of the following factors:

1. The compliance history of the violator;
2. The number, frequency and severity of the offense(s);
3. The measures taken by the violator to mitigate or remediate the effects of the current offense or to prevent future offenses;
4. The deterrent effect of the penalty; or
5. Other specific mitigating or extenuating circumstances of the violator or offense.

(e) Notwithstanding the provisions of N.J.A.C. 7:1K-12.5 through 12.7, the Department may compromise the amount of a civil administrative penalty assessed under this subchapter on the basis of one or more of the following factors:

1. The compliance history of the violator;
2. The number, frequency and severity of the offense(s);
3. The measures taken by the violator to mitigate or remediate the effects of the current offense and to prevent future offenses; or
4. Other mitigating or extenuating circumstances of the violator or the offense, documented in a manner acceptable to the Department;
5. Any other terms or conditions acceptable to the Commissioner.

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

#### 7:1K-12.5 Civil administrative penalties for submitting inaccurate or false information

(a) The Department may assess a civil administrative penalty against each violator who submits inaccurate information or who makes a false statement, representation, or certification in any application, registration, record or other document submitted or maintained under the Act or any rule, administrative order, or permit issued pursuant to the Act.

(b) The Department shall determine the amount of the civil administrative penalty for offenses described in this section based on the conduct of the violator as follows:

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1. For each intentional, deliberate, purposeful, knowing or willful act or omission by the violator, the civil administrative penalty, per act or omission, shall be in an amount of \$5,000 for the first offense, \$10,000 for the second offense, and \$15,000 for the third and each subsequent offense; and

2. For all other conduct, the civil administrative penalty, per act or omission, shall be in the amount of \$1,000 for the first offense, \$2,500 for the second offense, and \$5,000 for the third and each subsequent offense.

(c) Penalties for false certification or false reporting may include the criminal penalties set forth at N.J.S.A. 2C:28-3.

#### 7:1K-12.6 Civil administrative penalties for frivolous confidentiality claims

(a) The Department may assess a civil administrative penalty against each violator who submits a confidentiality claim pursuant to N.J.A.C. 7:1K-9 which is determined by the Department to be frivolous.

(b) The civil administrative penalty for offenses described in this section, per act or omission, shall be in the amount of \$1,000 for the first offense, \$2,500 for the second offense, and \$5,000 for the third and each subsequent offense.

#### 7:1K-12.7 Civil administrative penalties for failure to allow lawful entry and inspection

(a) The Department may assess a civil administrative penalty against each violator who refuses, inhibits or prohibits immediate lawful entry and inspection of any industrial facility by any authorized Department representative.

(b) The amount of the civil administrative penalty for offenses described in this section shall be \$5,000 for the first offense, \$10,000 for the second offense, and \$15,000 for the third and each subsequent offense.

#### 7:1K-12.8 Civil administrative penalties for violations of rules adopted pursuant to the Act

(a) This section establishes penalties for violations of the Act and this chapter. Violations are identified as minor or non-minor in accordance with N.J.S.A. 13:1D-125 et seq.

(b) The following violations are non-minor:

1.Failure to prepare a Pollution Prevention Plan as required by N.J.A.C. 7:1K-3.1(a) through (e). The penalty for this violation shall be up to \$1,000 for the first offense, up to \$2,500 for the second offense, and up to \$5,000 for the third offense and each subsequent offense.

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2. Failure to prepare a Pollution Prevention Plan as required by N.J.A.C. 7:1K-3.7(a) every five years by July 1 beginning with the fifth year following the initial base year. The penalty for this violation shall be up to \$1,000 for the first offense, up to \$2,500 for the second offense, and up to \$5,000 for the third offense and each subsequent offense.

3. Failure to comply with an administrative order issued pursuant N.J.A.C. 7:1K-12.2, addressing administrative completeness of a Pollution Prevention Plan, Pollution Prevention Plan summary or Pollution Prevention Plan Progress report. The penalty for this violation shall be up to \$1,000 for the first offense, up to \$5,000 for the second offense, and up to \$10,000 for the third and each subsequent offense.

(c) The following violations are minor:

1. Failure to submit a Pollution Prevention Plan Summary as required by N.J.A.C. 7:1K-3.1(a) through (e) by July 1. If the violation is not corrected pursuant to (e) below, the penalty for this violation shall be up to \$1,000 for the first offense, up to \$2,500 for the second offense, and up to \$5,000 for the third offense and each subsequent offense.

2. Failure to submit a Pollution Prevention Plan Progress Report as required by N.J.A.C. 7:1K-3.1(a) through (e) by July 1. If the violation is not corrected pursuant to (e) below, the penalty for this violation shall be up to \$1,000 for the first offense, up to \$2,500 for the second offense, and up to \$5,000 for the third offense and each subsequent offense.

3. Failure to prepare and submit a Pollution Prevention Plan Summary as required by N.J.A.C. 7:1K-3.7(b) by July 1 beginning with the fifth year following the initial base year. If the violation is not corrected pursuant to (e) below, the penalty for this violation shall be up to \$1,000 for the first offense, up to \$2,500 for the second offense, and up to \$5,000 for the third offense and each subsequent offense.

(d) The Department shall provide a grace period of 30 days for any violation identified as minor under (c) above, provided the following conditions are met:

1. The violation is not the result of the purposeful, knowing, reckless, or criminally negligent conduct of the person responsible for the violation;

2. The activity or condition constituting the violation has existed for less than 12 months prior to the date of discovery by the Department or local government agency; and

3. The person responsible for the violation has not been identified in a previous enforcement action by the Department as responsible for the same or a substantially same violation at the same facility within the preceding 12-month period.

(e) For any violation determined to be minor under (c) and (d) above, the following provisions apply:

1. The Department shall issue a notice of violation to the person responsible for the minor violation that:

i. Identifies the condition or activity that constitutes the minor violation and the specific statutory and regulatory provision or other requirement violated; and

ii. Specifies that a penalty may be imposed unless the minor violation is corrected and compliance is achieved within the specified grace period.

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2. If the person responsible for the minor violation corrects that violation and demonstrates, in accordance with (e)3 below, that compliance has been achieved within the specified grace period, the Department shall not impose a penalty for the violation, and in addition shall not consider the violation a first offense for purposes of applying the increased penalties for subsequent violations of the same provision as provided under (c) above.

3. The person responsible for a violation shall submit to the Department, before the end of the specified grace period, written information, signed by the person responsible for the minor violation, detailing the corrective action taken or compliance achieved.

4. If the person responsible for the minor violation seeks additional time beyond the specified grace period to achieve compliance, the person shall request an extension of the specified grace period. The request shall be made in writing no later than one week before the end of the specified grace period and include the anticipated time needed to achieve compliance, the specific cause or causes of the delay, and any measures taken or to be taken to minimize the time needed to achieve compliance. The Department may, at its discretion, approve in writing an extension, which shall not exceed 90 days, to accommodate the anticipated delay in achieving compliance. In exercising its discretion to approve a request for an extension, the Department may consider the following:

- i. Whether the violator has taken reasonable measures to achieve compliance in a timely manner;
- ii. Whether the delay has been caused by circumstances beyond the control of the violator;
- iii. Whether the delay will pose a risk to the public health, safety and natural resources; and
- iv. Whether the delay will materially or substantially undermine or impair the goals of the regulatory program.

5. If the person responsible for the minor violation fails to demonstrate to the Department that the violation has been corrected and compliance achieved within the specified grace period, or within the approved extension, if any, the Department may, in accordance with the provisions of this chapter, impose a penalty that is retroactive to the date the notice of violation under (e)1 above was issued.

6. The person responsible for a minor violation shall not request more than one extension of a grace period specified in a notice of violation.

#### 7:1K-12.9 Exemptions from civil administrative penalties

(a) The civil administrative penalty requirements of this subchapter do not apply to:

1. Failure of an industrial facility to meet the pollution prevention goals required by N.J.A.C. 7:1K-5.1(b)3 and 5 to be developed for the facility; and

2. Failure of an industrial facility to implement the improvements, including improvements related to the non-enforceable review criteria at N.J.A.C. 7:1K-3.10(c)2, outlined in an opinion letter issued pursuant to N.J.A.C. 7:1K-3.10.

#### 7:1K-12.10 Records of assessments

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(a) In order to promote consistency in the application of this subchapter, the Department shall collect and maintain a record of each assessment made pursuant to this subchapter. Such record shall be a public record and shall be kept available for public inspection pursuant to N.J.S.A. 47:1A-1 et seq.

(b) The record shall, at a minimum, include a copy of each notice and all final orders issued pursuant to N.J.A.C. 7:1K-12.2, and the terms of any compromise agreed to pursuant to N.J.A.C. 7:1K-12.4.

#### 7:1K-12.11 Pollution Prevention Fund

The Department shall deposit all penalties collected pursuant to this subchapter into the Pollution Prevention Fund established by N.J.S.A. 13:1D-50.

### **APPENDIX A ADDITIONAL HAZARDOUS SUBSTANCES FOR WHICH POLLUTION PREVENTION PLANNING IS REQUIRED (RESERVED)**

### **APPENDIX B THRESHOLDS FOR POLLUTION PREVENTION PLANNING (RESERVED)**

### **APPENDIX C NOMENCLATURE**

#### **PROCESS DESCRIPTORS**

#### **AM - ARTICLE MANUFACTURING PROCESS**

Bleaching	Painting
Cleaning--of metal	Paper manufacturing
Cleaning--paint stripping	Paper treatment
Cleaning--of equipment	Photographic film manufacturing & processing
Cleaning--other	Plastics molding/casting/extrusion
Coating--adhesive application	Printing
Coating--paint application	Soldering
Coating--other	Stripping
Degreasing	Tanning
Dyeing	Welding
Electroless plating	Wood pulping
Electroplating	Wood treatment
Etching	Similar to
Metal casting	Other (list)
Metal machining	
Metal treatment (other than plating)	

#### **CP-CHEMICAL PROCESS**

Purification	Formulation/blending
Separation	Chemical synthesis
	Chemical breakdown
	Chemical conversion
	Similar
	Other

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## **SH-STORAGE AND HANDLING**

Above ground tank

Below ground tank (steel)  
Below ground tank (fiberglass)  
Tank inside building  
Steel drum  
Plastic drum  
Fiber drum  
Can  
Carboy  
Silo  
Bag  
Box  
Cylinder  
Bottles or jugs (glass)  
Bottles or jugs (plastic)  
Tote bin  
Tank wagon  
Rail car  
Other (list)

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## RT-REACTION TYPE

No reaction	Esterification
Acylation	Fermentation
Alkylation	Friedel-Crafts
Amination	Halogenation
Ammonolysis	Hydroformylation
Aromatization	Hydrogenation
Calcination	Hydrolysis
Carboxylation	Ion exchange
Causticization	Isomerization
Combustion	Neutralization
Condensation	Nitration
Dehydration	Oxidation
Dehydrogenation	Polymerization
Desulfurization	Pyrolysis/cracking
Diazotination and Coupling	Reduction
Double decomposition	Silicate formation
Electrolysis	Sulfonation
	Other (list)
	Humidification
	Ion Exchange
	Melting
	Mixing
	Packaging

## UO-UNIT OPERATIONS

Absorption/adsorption	Pressurizing
Centrifugation	Reaction
Classification	Screening
Cleaning/degreasing	Scrubbing
Condensation	Sedimentation
Crystallization	Separation
Desalting	Settling
Disintegration	Soaking/Wetting
Distillation	Solidification/Stabilization Fixation
Drying	Solvent Extraction
Dust Collection	Spraying/Coating
Evaporation	Stripping
Fermentation	Similar to
Filtration	
Grinding/Milling	
Heat Exchange	



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Other (List)

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## **EQ-EQUIPMENT**

Adsorption Column	Filter
Aerator Blower	Flash Drum
Boiler	Fractionating Tower
Centrifuge	Furnace
Compressor	Heat Exchanger
Condense	Holding Tank
Cooler	Mill/Grinder
Crystalizer	Mixer
Digester	Reactor Vessel
Distillation Column	Refrigeration Unit
Dryer	Rinse Tank
Evaporator	Scrubber
Extraction Tower	Separator
Extruder	Settling Tank
	Stripper
	Other (List)

## **PF-PHASE/FORM**

Gas  
Liquid (Coherent)  
Solid  
Aqueous Solution  
Organic Solution  
Slurry  
Sludge  
Emulsion  
Powder Fines  
Aqueous Acid  
Aqueous Base  
Metal Product  
Polymer Mixer  
Crude Petroleum  
Refined Fuel/Mixed Hydrocarbon  
Unrefined Ore/Minerals  
Clay/Cement  
Animal Byproducts  
Vegetable Byproducts  
Wood Chips/Pulp/Byproducts  
Similar to Other (List)

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**APPENDIX D TABLES OF NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODES FOR REGULATED FACILITIES BY BASE YEAR**

Table 3.1(a)

North American Industry Classification System (NAICS) codes for purposes of N.J.A.C. 7:1K-3.1(a)

(Initial base year 1993)

Sector Code or Industry Code	Description	Exceptions and/or Limitations
<b>31-33</b>	<b>Manufacturing</b>	
322	Paper Manufacturing	No exceptions or limitations
325	Chemical Manufacturing	Except 325998 - Exception is limited to aerosol can filling on a job order or contract basis (aerosol packaging)
326	Plastic and Rubber Products Manufacturing	Except 326212 - Exception is limited to tire retreading, recapping or rebuilding
331	Primary Metal Manufacturing	No exceptions or limitations
332	Fabricated Metal Product Manufacturing	No exceptions or limitations

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Table 3.1(b)

North American Industry Classification System (NAICS) codes for purposes of N.J.A.C. 7:1K-3.1(b)

(Initial base year 1995)

Sector Code or Industry Code	Description	Exceptions and/or Limitations
<b>11</b>	<b>Agriculture, Forestry, Fishing and Hunting</b>	
111998	All Other Miscellaneous Crop Farming	Limited to facilities that reduce maple sap to maple syrup
113310	Logging	No exceptions or limitations
<b>21</b>	<b>Mining</b>	
212324	Kaolin and Ball Clay Mining	Limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating kaolin and clay
212325	Clay and Ceramic and Refractory Minerals Mining	Limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating clay and ceramic and refractory minerals
212393	Other Chemical and Fertilizer Mineral Mining	Limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating chemical or fertilizer mineral raw materials
212399	All Other Nonmetallic Mineral Mining	Limited to facilities operating without a mine or quarry and that are primarily engaged in beneficiating nonmetallic minerals
<b>31-33</b>	<b>Manufacturing</b>	
311	Food Manufacturing	Except 311119 – Exception is limited to facilities engaged in custom grain grinding for animal feed; Except 313330 – Exceptions are limited to facilities engaged in the retail sale of chocolate candy, nuts, popcorn and other confections not for immediate consumption made on the premises; Except 313340 – Exceptions are limited to facilities engaged in the retail sale of nonchocolate candy, nuts, popcorn and other confections not for immediate

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		consumption made on the premises; Except 311611 – Exception is limited to facilities engaged in custom slaughtering for individuals; Except 311612 – Exception is limited to facilities engaged in meat processing from carcasses; Except 318111 – Retail Bakeries.
312	Beverage and Tobacco Product Manufacturing	Except 312229 – Exception is limited to Tobacco Sheeting Services
313	Textile Mills	Except 313311 – Exception is limited to broadwoven piece goods converters and broadwoven converting textiles facilities, and facilities engaged in sponging fabric for tailors and dressmakers; Except 313312 – Exception is limited to narrow woven converting textiles facilities, and narrow woven piece goods Converters,
314	Textile Product Mills	Except 314121 – Exception is limited to Custom drapery manufacturers for retail sale; Except 314129 – Exception is limited to Custom slipcover manufacturers for retail sale ; Except 314999 – Exception is limited to Binding carpets and rugs for the trade, Carpet cutting and binding, and Embroidering on textile products (except apparel) for the trade.
315	Apparel Manufacturing	Except 315222 – Exception is limited to Custom tailors, men's and boys' suits, cut and sewn from purchased fabric; Except 315223 – Exception is limited to Custom tailors, men's and boys' dress shirts, cut and sewn from purchased fabric; Except 315233 – Exception is limited to Bridal dresses or gowns, custom made, Custom tailors, women's, misses' and girls' dresses cut and sewn from purchased fabric (except apparel contractors)(custom dressmakers);
316	Leather and Allied Product Manufacturing	No exceptions or limitations
321	Wood Product Manufacturing	No exceptions or limitations

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323	Printing and Related Support Activities	Except 323114 – Exception is limited to Instant printing (i.e., quick printing)
324	Petroleum and Coal Products Manufacturing	No exceptions or limitations
327	Nonmetallic Mineral Products Manufacturing	No exceptions or limitations
333	Machinery Manufacturing	No exceptions or limitations
334	Computer and Electronic Product Manufacturing	Except 334611 – Exception is limited to Software reproducing; Except 334612 – Exception is limited to mass reproducing pre-recorded Video cassettes, and mass reproducing Video tape or disk.
335	Electrical Equipment, Appliance and Component Manufacturing	Except 335312 – Exception is limited to Armature rewinding on a factory basis
336	Transportation Equipment Manufacturing	No exceptions or limitations
337	Furniture and Related Product Manufacturing	Except 337110 – Exception is limited to Wood kitchen cabinet and counter top manufacturing; Except 337121 – Exception is limited to Upholstered furniture, household type, custom manufacturing; Except 337122 - Exception is limited to Nonupholstered, household type, custom wood furniture manufacturing.
339	Miscellaneous Manufacturing	Except 339115 - Exception is limited to Ophthalmic goods manufacturing, lens grinding; Except 339116 - Dental laboratories
<b>48 - 49</b>	<b>Transportation and Warehousing</b>	
488390	Other Support Activities for Water Transportation	Limited to Drydocks, floating (i.e. routine repair and maintenance of ships and boats)
<b>51</b>	<b>Information</b>	
511110	Newspaper Publishers	No exceptions or limitations

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511120	Periodical Publishers	No exceptions or limitations
511130	Book Publishers	No exceptions or limitations
511140	Database and Directory Publishers	Except facilities primarily engaged in Direct mailing advertising services, including Address list compilers, Address list publishers, Address list publishers and printing combined, Address list publishing, Business directory publishers, Catalog of collections publishers, Catalog of collections publishers and printing combined, Mailing list compilers, Directory compilers, and Mailing list compiling services
511191	Greeting Card Publishers	No exceptions or limitations
511199	Other Publishers	No exceptions or limitations
512220	Integrated Record Production/Distribution	No exceptions or limitations
512230	Music Publishers	Except facilities primarily engaged in Music copyright authorizing use, Music copyright buying and licensing, Music publishers
<b>54</b>	<b>Professional, Scientific and Technical Services</b>	
541710	Research and Development in the Physical, Engineering and Life Sciences	Limited to facilities primarily engaged in guided missile and space vehicle engine research and development), and Guided missile and space vehicle parts (except engines) research and development
<b>81</b>	<b>Other Services (Except Public Administration)</b>	
811490	Other Personal and Household Goods Repair and Maintenance	Limited to facilities that are primarily engaged in repairing and servicing pleasure and sail boats without retailing new boats

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Table 3.1(c)

North American Industry Classification System (NAICS) codes for purposes of N.J.A.C. 7:1K-3.1(c)

(Initial base year 1999)

Sector Code or Industry Code	Description	Exceptions and/or Limitations
<b>22</b>	<b>Utilities</b>	
221112	Fossil Fuel Electric Power Generation	Limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce.
221113	Nuclear Electric Power Generation When Combined with Other Services	Limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce.
221119	Other Electric Power Generation When Combined with Other Services	Limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce
221121	Electric Bulk Power Transmission and Control When Combined with Other Services	Limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce
221122	Electric Power Distribution When Combined with Other Services	Limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce
<b>42</b>	<b>Wholesale Trade</b>	
4246	Chemical and Allied Products Merchant Wholesalers	No exceptions or limitations
424710	Petroleum Bulk Stations and Terminals	No exceptions or limitations
<b>56</b>	<b>Administrative and Support and Waste Management and Remediation Services</b>	
562211	Hazardous Waste Treatment and Disposal	Limited to facilities regulated under RCRA Subtitle C permitted or interim status
562212	Solid Waste Landfill	Limited to facilities regulated under RCRA Subtitle C permitted or interim status



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562213	Solid Waste Combustors and Incinerators	Limited to facilities regulated under RCRA Subtitle C permitted or interim status
562920	Materials Recovery Facilities	No exceptions or limitations