**Section 724.113 General Waste Analysis**

a) Analysis

1) Before an owner or operator treats, stores, or disposes of any hazardous wastes, or non-hazardous wastes if applicable under Section 724.213(d), the owner or operator must obtain a detailed chemical and physical analysis of a representative sample of the wastes. At a minimum, the analysis must contain all the information that must be known to treat, store, or dispose of the waste in accordance with this Part and 35 Ill. Adm. Code 728.

2) The analysis may include data developed under 35 Ill. Adm. Code 721 and existing published or documented data on the hazardous waste or on hazardous waste generated from similar processes.

BOARD NOTE: For example, the facility's records of analyses performed on the waste before the effective date of these regulations or studies conducted on hazardous waste generated from processes similar to that which generated the waste to be managed at the facility may be included in the data base required to comply with subsection (a)(1). The owner or operator of an off-site facility may arrange for the generator of the hazardous waste to supply part or all of the information required by subsection (a)(1), except as otherwise specified in 35 Ill. Adm. Code 728.107(b) and (c). If the generator does not supply the information, and the owner or operator chooses to accept a hazardous waste, the owner or operator is responsible for obtaining the information required to comply with this Section.

3) The analysis must be repeated as necessary to ensure that it is accurate and up to date. At a minimum, the analysis must be repeated as follows:

A) When the owner or operator is notified, or has reason to believe, that the process or operation generating the hazardous waste, or non-hazardous waste if applicable under Section 724.213(d), has changed; and

B) For off-site facilities, when the results of the inspection required in subsection (a)(4) indicate that the hazardous waste received at the facility does not match the waste designated on the accompanying manifest or shipping paper.

4) The owner or operator of an off-site facility must inspect and, if necessary, analyze each hazardous waste shipment received at the facility to determine whether it matches the identity of the waste specified on the accompanying manifest or shipping paper.

b) The owner or operator must develop and follow a written waste analysis plan that describes the procedures that it will carry out to comply with subsection (a). The owner or operator must keep this plan at the facility. At a minimum, the plan must specify the following:

1) The parameters for which each hazardous waste, or non-hazardous waste if applicable under Section 724.213(d), will be analyzed and the rationale for the selection of these parameters (i.e., how analysis for these parameters will provide sufficient information on the waste's properties to comply with subsection (a)).

2) The test methods that will be used to test for these parameters.

3) The sampling method that will be used to obtain a representative sample of the waste to be analyzed. A representative sample may be obtained using either of the following:

A) One of the sampling methods described in Appendix A to 35 Ill. Adm. Code 721; or

B) An equivalent sampling method.

BOARD NOTE: See 35 Ill. Adm. Code 720.121.

4) The frequency with which the initial analysis of the waste will be reviewed or repeated to ensure that the analysis is accurate and up to date.

5) For off-site facilities, the waste analyses that hazardous waste generators have agreed to supply.

6) Where applicable, the methods that will be used to meet the additional waste analysis requirements for specific waste management methods as specified in Sections 724.117, 724.414, 724.441, 724.934(d), 724.963(d), and 724.983 and 35 Ill. Adm. Code 728.107.

7) For surface impoundments exempted from land disposal restrictions under 35 Ill. Adm. Code 728.104(a), the procedures and schedules for the following:

A) The sampling of impoundment contents;

B) The analysis of test data; and

C) The annual removal of residues that are not delisted under 35 Ill. Adm. Code 720.122 or which exhibit a characteristic of hazardous waste and either of the following is true of the waste:

i) The residues do not meet applicable treatment standards of Subpart D of 35 Ill. Adm. Code 728; or

ii) Where no treatment standards have been established, such residues are prohibited from land disposal under 35 Ill. Adm. Code 728.132 or 728.139 or such residues are prohibited from land disposal under 35 Ill. Adm. Code 728.133(f).

8) For owners and operators seeking an exemption to the air emission standards of Subpart CC in accordance with Section 724.982, the following information:

A) If direct measurement is used for the waste determination, the procedures and schedules for waste sampling and analysis and the analysis of test data to verify the exemption.

B) If knowledge of the waste is used for the waste determination, any information prepared by the facility owner or operator or by the generator of the waste, if the waste is received from off-site, that is used as the basis for knowledge of the waste.

c) For off-site facilities, the waste analysis plan required in subsection (b) must also specify the procedures that will be used to inspect and, if necessary, analyze each shipment of hazardous waste received at the facility to ensure that it matches the identity of the waste designated on the accompanying manifest or shipping paper. At a minimum, the plan must describe the following:

1) The procedures that will be used to determine the identity of each movement of waste managed at the facility;

2) The sampling method that will be used to obtain a representative sample of the waste to be identified, if the identification method includes sampling; and

3) The procedures that the owner or operator of an off-site landfill receiving containerized hazardous waste will use to determine whether a hazardous waste generator or treater has added a biodegradable sorbent to the waste in the container.

BOARD NOTE: 35 Ill. Adm. Code 703 requires that the waste analysis plan be submitted with Part B of the permit application.

(Source: Amended at 42 Ill. Reg. 22614, effective November 19, 2018)