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## 40 C.F.R. § 146.68

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### Testing and monitoring requirements.

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Testing and monitoring requirements shall at a minimum include:

- (a) Monitoring of the injected wastes. (1) The owner or operator shall develop and follow an approved written waste analysis plan that describes the procedures to be carried out to obtain a detailed chemical and physical analysis of a representative sample of the waste, including the quality assurance procedures used. At a minimum, the plan shall specify:
  - (i) The parameters for which the waste will be analyzed and the rationale for the selection of these parameters;
  - (ii) The test methods that will be used to test for these parameters; and
  - (iii) The sampling method that will be used to obtain a representative sample of the waste to be analyzed.
- (2) The owner or operator shall repeat the analysis of the injected wastes as described in the waste analysis plan at frequencies specified in the waste analysis plan and when process or operating changes occur that may significantly alter the characteristics of the waste stream.
- (3) The owner or operator shall conduct continuous or periodic monitoring of selected parameters as required by the Director.
- (4) The owner or operator shall assure that the plan remains accurate and the analyses remain representative.
- (b) Hydrogeologic compatibility determination. The owner or operator shall submit information demonstrating to the satisfaction of the Director that the waste stream and its anticipated reaction products will not alter the permeability, thickness or other relevant characteristics of the confining or injection zones such that they would no longer meet the requirements specified in § 146.62.

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