

3745-51-20

AMENDED APPENDIX

Appendix to rule 3745-51-20 of the Administrative Code

Representative Sampling Methods

The methods and equipment used for sampling waste materials vary with the form and consistency of the waste materials to be sampled. Samples collected using the sampling protocols listed below, for sampling waste with properties similar to the indicated materials, are considered by Ohio EPA to be representative of the waste.

The following are newer approved equivalent methods:

Standard Guide for Representative Sampling for Management of Waste and Media,
~~ASTM Standard D6044-96(2009)~~standard D6044-21

Extremely viscous liquid- ~~ASTM Standard D140/D140M-14~~standard D140/D140M-16R23

Crushed or powdered material- ~~ASTM Standard D346/D346M-11~~standard D346/D346M-11(2019)e1

Practice for Sampling Soils and Contaminated Media with Hand Operated Bucket Auger, ~~D6907-2005(2010)~~ASTM standard D6907-22

The following are older approved equivalent methods:

Extremely viscous liquid- ~~ASTM Standard~~standard D140-70

Crushed or powdered material- ~~ASTM Standard~~standard D346-75

Soil or rock-like material- ~~ASTM Standard~~standard D420-69

Soil-like material- ~~ASTM Standard~~standard D1452-65

Fly ash-like material- ~~ASTM Standard~~standard D2234-76

Containerized liquid wastes- "COLISWA"

Liquid waste in pits, ponds, lagoons, and similar reservoirs- "Pond Sampler"

This manual also contains additional information on application of these protocols.

[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see rule 3745-50-11 of the Administrative Code titled "Incorporated by reference."]