

3745-599-03

**Beneficial use - incorporation by reference.**

Incorporation by reference. The text of the incorporated materials is not included in the rules contained in this chapter. The materials are hereby made a part of this chapter. For materials subject to change, only the specific version specified in this rule is incorporated. Any amendment or revision to a referenced document is not incorporated unless and until this rule has been amended to specify the new version.

(A) Availability. The materials incorporated by reference are available as follows:

- (1) Code of federal regulations (C.F.R.). Information and copies may be obtained by writing to: "U.S. Government Printing Office, P.O. Box 979050, St. Louis, MO 63197-9000." The full text of the C.F.R. is also available in electronic format at <http://www.gpoaccess.gov/cfr/>. The C.F.R. compilations are also available for inspection and copying at most public libraries and "The State Library of Ohio."
- (2) Federal statutes. The full text is available in electronic format at <http://www.gpo.gov/fdsys>. These laws are also available for inspection and copying at most public libraries and "The State Library of Ohio."
- (3) Specifications of the "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, third edition, including Volume IV, Field Manual (SW-846)." Information and copies may be obtained by writing to: "National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161." The full text is also available in electronic format at <https://www.epa.gov/hw-sw846/sw-846-compendium>. These test methods are also available for inspection and copying at most public libraries and "The State Library of Ohio."
- (4) Specifications of the "American Society for Testing and Materials" (ASTM). Information and copies may be obtained by writing to: "ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania 19426-2959." These documents are available for purchase at <http://www.astm.org>.
- (5) Other publications. The availability of these documents is provided in paragraph (B)(4) of this rule. However, many of the documents are also available for inspection and copying at most public libraries and "The State Library of Ohio."

(B) Incorporated materials.

- (1) Appropriate "Code of Federal Regulations," the regulations listed in this rule are those effective on July 1, 2016 and include 40 C.F.R. Part 241, "Solid Wastes Used as Fuels or Ingredients in Combustion Units."
- (2) Appropriate "Federal Statutes," the statutes listed in this rule are those versions

of the laws amended through September 1, 2016, including "Permits for dredged or fill material, 33 U.S.C. 1344."

(3) Appropriate "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846)," as amended through July 2016 including the following:

(a) Method 1311, "Toxicity Characteristic Leaching Procedure."

(b) Method 1312, "Synthetic Precipitation Leaching Procedure."

(c) Method 3050B, "Acid Digestion of Sediments, Sludges, and Soils."

(d) Method 3500C "Organic Extraction and Sample Preparation."

(e) Method 6010D, "Inductively Coupled Plasma-Optical Emission Spectrometry."

(f) Method 7000B or 7010, "Flame Atomic Absorption Spectrophotometry," or "Graphite Furnace Atomic Absorption Spectrophotometry."

(g) Method 8081B, "Organochlorine Pesticides by Gas Chromatography."

(h) Method 8082A, "Polychlorinated Biphenyls (PCBs) by Gas Chromatography."

(i) Method 8260B, "Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)."

(j) Method 8270D, "Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)."

(k) Method 9095B, "Paint Filter Liquids Test."

(4) ASTM D3987-12, "Standard Practice for Shake Extraction of Solid Waste with Water;" adopted November 1, 2012.

(5) Other publications as follows:

(a) American Public Health Association, American Water Works Association, and Water Environment Federation "Standard Methods for the Examination of Water and Wastewater;" 22nd Edition, 2014. The full text of this document is available in electronic format at: [www.standardmethods.org/](http://www.standardmethods.org/).

(b) Battelle Memorial Institute, "Visual Sample Plan Version 7.7 User's Guide;" May, 2016. The full text is also available in electronic format at: <http://vsp.pnl.gov>.

- (c) Ohio environmental protection agency, "Rainwater and Land Development Manual;" 2014. The full text is available in electronic format at: [http://epa.ohio.gov/dsw/storm/technical\\_guidance.aspx](http://epa.ohio.gov/dsw/storm/technical_guidance.aspx).
- (d) Ohio hydrologic soil groups. A listing of these soils can be found on the United States department of agriculture, natural resources conservation services web site at: [www.oh.nrcs.usda.gov/technical/soils/](http://www.oh.nrcs.usda.gov/technical/soils/).
- (e) Precipitation forecasts.
- (f) Soil temperatures. The Ohio agricultural research and development center at the Ohio state university provides daily site specific data at several sites around Ohio for soil temperatures at the following internet address: <http://www.oardc.ohio-state.edu/newweather/>.
- (g) United States environmental protection agency, "Beneficial Use Compendium: A Collection of Resources and Tools to Support Beneficial Use Evaluations, EPA 530-R-16-009," June 2016. The full text is available in electronic format at: [https://www.epa.gov/sites/production/files/2016-06/documents/ben\\_use\\_compendium\\_062216.pdf](https://www.epa.gov/sites/production/files/2016-06/documents/ben_use_compendium_062216.pdf).
- (h) United States environmental protection agency internet-based resources relating to BMPs for erosion and sedimentation, including the sector specific "Industrial Storm Water Fact Sheet Series;" December, 2006. The full text is available in electronic format at: [www.epa.gov/npdes/stormwater/msgp](http://www.epa.gov/npdes/stormwater/msgp).
- (i) United States environmental protection agency, "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012;" Fifth Edition, October 2002. The full text is available in electronic format at: <https://www.epa.gov/cwa-methods/acute-toxicity-wet-methods>.
- (j) United States environmental protection agency, "Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79/020;" March, 1983. The full text is available in electronic format at: <http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockkey=30000Q10.txt>.
- (k) United States environmental protection agency, "Methodology for Evaluating the Beneficial Use of Industrial Non-Hazardous Secondary Materials, EPA 530-R-16-011;" April 2016. The full text is available in electronic format at: [https://www.epa.gov/sites/production/files/2016-07/documents/methodology\\_for\\_evaluating\\_beneficial\\_use\\_of\\_secondary\\_materials\\_4-14-16.pdf](https://www.epa.gov/sites/production/files/2016-07/documents/methodology_for_evaluating_beneficial_use_of_secondary_materials_4-14-16.pdf).

- (l) United States environmental protection agency, "National Management Measures to Control Nonpoint Source Pollution from Urban Areas, EPA-841-B-05-004;" November, 2005. The full text is available in electronic format at: [https://www.epa.gov/sites/production/files/2015-09/documents/urban\\_guidance\\_0.pdf](https://www.epa.gov/sites/production/files/2015-09/documents/urban_guidance_0.pdf).
- (m) United States environmental protection agency, "National Menu of Best Management Practices (BMPs) for Stormwater;" July, 2016. The full text is available in electronic format at: <https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>.
- (n) United States environmental protection agency, "RCRA Waste Sampling Draft Technical Guidance, Planning Implementation and Assessment, EPA 530-D-02-002;" as amended through August 2002. Information and copies may be obtained by writing to "U.S. Environmental Protection Agency, Ariel Rios Building, 1200 Pennsylvania Avenue N.W., Washington, DC 20460." The full text is also available in electronic format at: <http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P1005SBQ.txt>.
- (o) United States environmental protection agency, "Regional Screening Levels," May 2016. The full text is available in electronic format at: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-may-2016>.
- (p) United States environmental protection agency, "Risk Assessment of Spent Foundry Sands In Soil-Related Applications, EPA-530-R-14-003;" October 2014. The full text is available in electronic format at: <https://www.epa.gov/smm/risk-assessment-spent-foundry-sands-soil-related-applications>.
- (q) United States environmental protection agency, technical support center for monitoring and site characterization, "Statistical Software ProUCL 5.0 for Environmental Applications for Data Sets with and without Nondetect Observations, EPA-600-R-07-041;" September, 2013. The full text is available in electronic format at: <http://www.epa.gov/osp/hstl/tsc/software.htm>.

Effective:

Five Year Review (FYR) Dates:

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Certification

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Date

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