

CHAPTER 95. WASTEWATER TREATMENT REQUIREMENTS

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§ 95.1. [Reserved].

§ 95.2. [Quality standards and oil-bearing wastewaters.] **Effluent Standards for Industrial Wastes.**

Industrial wastes shall meet the following [quality] **effluent** standards:

[(1) There may be no discharge of wastes which are acid.]

[(2)] (1) Wastes shall have a pH of not less than 6 and not greater than 9, except where:

[(3)] (2) Oil-bearing wastewaters, except those subject to paragraph [(4)] (3), shall comply with all of the following:

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[(4)] (3) Petroleum marketing terminals shall:

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[(5)] (4) Waste may not contain more than 7 milligrams per liter of dissolved iron.

[(6)] (5) When surface waters are used in the industrial plant, the quality of the effluent need not exceed the quality of the raw water supply if the source or supply would normally drain to the point of effluent discharge, unless otherwise required under the State Act or Federal Act or regulations promulgated thereunder.

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§ 95.5. Treatment requirements for discharges to waters affected by abandoned mine drainage.

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(c) For wastes discharged to waters where the applicable water quality criteria are not being met and the designated water uses are not being achieved, and a total maximum daily load has been completed pursuant to Chapter 96 (relating to Water Quality Standards Implementation) that establishes wasteload allocations, the wasteload allocations shall be the basis of the effluent limitations, in lieu of any less stringent limitations established in this Chapter.

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95.10. Effluent standards for new discharges of wastewaters containing high Total Dissolved Solids (TDS) concentrations.

- (a) For the purpose of implementing this section, a new discharge of High-TDS wastewater is a discharge that did not exist on April 1, 2009, and includes a TDS concentration that exceeds 2,000 mg/L or a TDS loading that exceeds 100,000 pounds per day. The term “new discharge” shall include an additional discharge, an expanded discharge or an increased discharge from a facility in existence prior to April 1, 2009.
- (b) Unless specifically exempted under paragraph (6), all new discharges of wastewater with High-TDS shall comply with the following:
- (1) Section 95.2 of this chapter.
 - (2) The discharge shall not contain more than 500 mg/L of Total Dissolved Solids as a monthly average.
 - (3) The discharge shall not contain more than 250 mg/L of total chlorides as a monthly average.
 - (4) The discharge shall not contain more than 250 mg/L of total sulfates as a monthly average.
 - (5) In addition to paragraphs (1) through (4), all discharges to groundwater, including land application and discharges to existing mine pools, shall comply with §§ 91.51 and 91.52 of Chapter 91 – related to General Provisions.
 - (6) Discharges of wastewater produced from industrial subcategories with applicable Effluent Limit Guidelines for TDS, Chlorides or Sulfates established as Best Available Technology Economically Achievable (BAT), Best Conventional Pollutant Control Technology (BCT), or new source standards of performance, by the Administrator of the United States Environmental Protection Agency under 33

U.S.C.A. § § 1314(b) and 1316 are exempt from the effluent standards in this section.

(c) New discharges of wastewaters resulting from fracturing, production, field exploration, drilling or completion of oil and gas wells shall comply with the following provisions, in addition to the provisions in subsection (b):

- (1) There shall be no discharge of wastewater into waters of this Commonwealth from any direct source or site of fracturing, production, field exploration, drilling, or well completion, (i.e., produced water, drilling muds, drill cuttings, and produced sand).
- (2) Treated discharges of wastewater generated from fracturing, production, field exploration, drilling, or well completion may be authorized by the Department under Chapter 92 (relating to National Pollutant Discharge Elimination System Permitting, Monitoring and Compliance). Such discharges shall be authorized only from Centralized Waste Treatment (CWT) facilities and approved POTWs.
- (3) The discharge shall not contain more than 10 mg/L of total barium as a monthly average.
- (4) The discharge shall not contain more than 10 mg/L of total strontium as a monthly average.
- (5) Where a discharge from a Centralized Waste Treatment facility is proposed, the discharge shall comply with the performance standards in 40 CFR 437.34 (relating new source performance standards (NSPS)), in addition to complying with the requirements of paragraphs (2 – 4).
- (6) Where a discharge through a POTW is proposed, in addition to compliance with the requirements of paragraphs (2) – (4):

- (i) Pretreatment shall be provided and shall comply with the performance standards found in 40 CFR Part 437.36 (relating to pretreatment standards for new sources).
- (ii) The POTW shall develop and implement a federal pretreatment program meeting the applicable standards found in 40 CFR Part 403.8.
- (d) Any wastewater treatment requirement established under this chapter shall not apply if an NPDES permit limitation established under Chapter 92 (relating to National Pollutant Discharge Elimination System permitting, monitoring and compliance) provides a more stringent effluent limitation requirement than would be provided by application of this chapter.