

TABLE 1—SURROGATE PARAMETERS FOR DIRECT DISCHARGERS—Continued
[Utilizing biological treatment technology]

Regulated parameters	Treatability class
Dimethyl Sulfoxide	

¹These parameters may be used as a surrogate to represent other parameters in the same treatability class.

²Surrogates have not been identified for the “Miscellaneous” treatability class.

TABLE 2—SURROGATE PARAMETERS FOR INDIRECT DISCHARGERS (UTILIZING STEAM STRIPPING TREATMENT TECHNOLOGY)

Regulated parameters	Treatability class
Benzene Toluene ¹ Xylenes n-Heptane Chloroform ¹ Methylene chloride ¹ Chlorobenzene	High strippability.
Ammonia (aqueous) Diethyl amine Triethyl amine Acetone ¹ 4-methyl-2-pentanone n-Amyl acetate n-Butyl acetate Ethyl acetate Isopropyl acetate Methyl formate Isopropyl ether Tetrahydrofuran ¹ 1,2-dichloroethane o-Dichlorobenzene	Medium strippability.

¹These parameters may be used as a surrogate to represent other parameters in the same treatability class.

[63 FR 50437, Sept. 21, 1998; 64 FR 10393, Mar. 4, 1999, as amended at 68 FR 12275, Mar. 13, 2003]

PART 440—ORE MINING AND DRESSING POINT SOURCE CATEGORY

Subpart A—Iron Ore Subcategory

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440.10 Applicability; description of the iron ore subcategory.

440.11 [Reserved]

440.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

440.13 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

440.14 New source performance standards (NSPS).

440.15 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart B—Aluminum Ore Subcategory

440.20 Applicability; description of the aluminum ore subcategory.

440.21 [Reserved]

440.22 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

440.23 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

440.24 New source performance standards (NSPS).

440.25 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart C—Uranium, Radium, and Vanadium Ores Subcategory

440.30 Applicability; description of the uranium, radium and vanadium ores subcategory.

440.31 [Reserved]

440.32 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

440.33 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

440.34 New source performance standards (NSPS).

440.35 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart D—Mercury Ore Subcategory

440.40 Applicability; description of the mercury ore subcategory.

440.41 [Reserved]

440.42 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

440.43 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available

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- technology economically achievable (BAT).
- 440.44 New source performance standards (NSPS).
- 440.45 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart E—Titanium Ore Subcategory

- 440.50 Applicability; description of the titanium ore subcategory.
- 440.51 [Reserved]
- 440.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 440.53 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 440.54 New source performance standards (NSPS).
- 440.55 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart F—Tungsten Ore Subcategory

- 440.60 Applicability; description of the tungsten ore subcategory.
- 440.61 [Reserved]
- 440.62 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 440.63 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 440.64 New source performance standards (NSPS).
- 440.65 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart G—Nickel Ore Subcategory

- 440.70 Applicability; description of the nickel ore subcategory.
- 440.71 [Reserved]
- 440.72 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 440.73 Effluent limitations representing the degree of effluent reduction attainable

- by the application of the best available technology economically achievable (BAT). [Reserved]
- 440.74 New source performance standards (NSPS). [Reserved]
- 440.75 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart H—Vanadium Ore Subcategory (Mined Alone and Not as a Byproduct)

- 440.80 Applicability; description of the vanadium ore subcategory.
- 440.81 [Reserved]
- 440.82 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 440.83 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). [Reserved]
- 440.84 New source performance standards (NSPS). [Reserved]
- 440.85 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart I—Antimony Ore Subcategory

- 440.90 Applicability; description of the antimony ore subcategory.
- 440.91 [Reserved]
- 440.92 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT). [Reserved]
- 440.93 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). [Reserved]
- 440.94 New source performance standards (NSPS). [Reserved]
- 440.95 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart J—Copper, Lead, Zinc, Gold, Silver, and Molybdenum Ores Subcategory

- 440.100 Applicability; description of the copper, lead, zinc, gold, silver, and molybdenum ores subcategory.
- 440.101 [Reserved]

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- 440.102 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology (BPT).
- 440.103 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 440.104 New source performance standards (NSPS).
- 440.105 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart K—Platinum Ores Subcategory

- 440.110 Applicability; description of the platinum ore subcategory.
- 440.111 [Reserved]
- 440.112 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT). [Reserved]
- 440.113 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 440.114 New source performance standards (NSPS). [Reserved]
- 440.115 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

Subpart L—General Provisions and Definitions

- 440.130 Applicability.
- 440.131 General provisions.
- 440.132 General definitions.

Subpart M—Gold Placer Mine Subcategory

- 440.140 Applicability; description of the gold placer mine subcategory.
- 440.141 Specialized definitions and provisions.
- 440.142 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 440.143 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 440.144 New source performance standards (NSPS).
- 440.145-440.147 [Reserved]
- 440.148 Best Management Practices (BMP).

AUTHORITY: Secs. 301, 304(b), (c) and (e), 306, 307, and 501 of the Clean Water Act (The Federal Water Pollution Control Act Amendments of 1972, as amended by the Clean Water Act of 1977 and the Water Quality Act of 1987), (the Act), 33 U.S.C. 1311, 1314(b), (c) and (e), 1316, 1317, and 1361; 86 Stat. 816, Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217; 101 Stat. 7, Pub. L. 100-4.

SOURCE: 47 FR 54609, Dec. 3, 1982, unless otherwise noted.

Subpart A—Iron Ore Subcategory

§ 440.10 Applicability; description of the iron ore subcategory.

The provisions of this subpart A are applicable to discharges from (a) mines operated to obtain iron ore, regardless of the type of ore or its mode of occurrence; (b) mills beneficiating iron ores by physical (magnetic and non-magnetic) and/or chemical separation; and (c) mills beneficiating iron ores by magnetic and physical separation in the Mesabi Range.

§ 440.11 [Reserved]

§ 440.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in subpart L of this part and 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable after application of the best practicable control technology currently available (BPT):

(a) The concentration of pollutants discharged in mine drainage from mines operated to obtain iron ore shall not exceed:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter	
TSS	30	20
Fe (dissolved)	2.0	1.0
pH	(1)	(1)

¹ Within the range 6.0 to 9.0.