

§ 435.42

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from a sample that is lethal to 50 percent of the test organisms exposed to that concentration of the SPP after 96 hours of constant exposure.

[61 FR 66125, Dec. 16, 1996; 62 FR 1681, Jan. 13, 1997, as amended at 66 FR 6914, Jan. 22, 2001]

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

Except as provided in 40 CFR 125.30-125.32, any existing point source subject to this Subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

**BPT EFFLUENT LIMITATIONS—OIL AND GREASE**  
[In milligrams per liter]

Pollutant parameter waste source	Maximum for any 1 day	Average of values for 30 consecutive days shall not exceed	Residual chlorine minimum for any 1 day
Produced water .....	72 .....	48 .....	NA
Deck drainage .....	(1) .....	(1) .....	NA
Water-based:			
Drilling fluids .....	(1) .....	(1) .....	NA
Drill Cuttings .....	(1) .....	(1) .....	NA
Non-aqueous:			
Drilling fluids .....	No discharge .....	No discharge .....	NA
Drill Cuttings .....	(1) .....	(1) .....	NA
Well treatment, workover, and completion fluids .....	(1) .....	(1) .....	NA
Sanitary:			
M10 .....	NA .....	NA .....	≥ 1
M9IM <sup>3</sup> .....	NA .....	NA .....	NA
Domestic <sup>3</sup> .....	NA .....	NA .....	NA
Produced sand .....	Zero discharge .....	Zero discharge .....	NA

<sup>1</sup> No discharge of free oil.  
<sup>2</sup> Minimum of 1 mg/l and maintained as close to this concentration as possible.  
<sup>3</sup> There shall be no floating solids as a result of the discharge of these wastes.

[61 FR 66125, Dec. 16, 1996, as amended at 66 FR 6916, Jan. 22, 2001]

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

Except as provided in 40 CFR 125.30-125.32, any existing point source sub-

ject to this Subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT):

**BAT EFFLUENT LIMITATIONS**

Stream	Pollutant parameter	BAT effluent limitations
Produced Water:		
(A) All coastal areas except Cook Inlet .....	.....	No discharge.
(B) Cook Inlet .....	Oil & Grease .....	The maximum for any one day shall not exceed 42 mg/l, and the 30-day average shall not exceed 29 mg/l.
Drilling Fluids, Drill Cuttings, and Dewatering Effluent: <sup>1</sup>		
(A) All coastal areas except Cook Inlet .....	.....	No discharge.
(B) Cook Inlet:		
Water-based drilling fluids, drill cuttings, and dewatering effluent.	SPP Toxicity .....	Minimum 96-hour LC <sub>50</sub> of the SPP Toxicity Test <sup>4</sup> shall be 3% by volume.
	Free oil .....	No discharge. <sup>2</sup>

BAT EFFLUENT LIMITATIONS—Continued

Stream	Pollutant parameter	BAT effluent limitations
	Diesel oil .....	No discharge.
	Mercury .....	1 mg/kg dry weight maximum in the stock barite.
	Cadmium .....	3 mg/kg dry weight maximum in the stock barite.
Non-aqueous drilling fluids and dewatering effluent.	.....	No discharge.
Drill cuttings associated with non-aqueous drilling fluids.	.....	No discharge. <sup>5</sup>
Well Treatment, Workover and Completion Fluids:		
(A) All coastal areas except Cook Inlet .....	.....	No discharge.
(B) Cook Inlet .....	Oil & Grease .....	The maximum for any one day shall not exceed 42 mg/l, and the 30-day average shall not exceed 29 mg/l.
Produced Sand .....	.....	No discharge.
Deck Drainage .....	Free Oil <sup>3</sup> .....	No discharge.
Domestic Waste .....	Foam .....	No discharge.

<sup>1</sup> BAT limitations for dewatering effluent are applicable prospectively, BAT limitations in this rule are not applicable to discharges of dewatering effluent from reserve pits which as of the effective date of this rule no longer receive drilling fluids and drill cuttings. Limitations on such discharges shall be determined by the NPDES permit issuing authority.

<sup>2</sup> As determined by the static sheen test (see appendix 1 to 40 CFR Part 435, subpart A).

<sup>3</sup> As determined by the presence of a film or sheen upon or a discoloration of the surface of the receiving water (visual sheen).

<sup>4</sup> As determined by the suspended particulate phase (SPP) toxicity test (see Appendix 2 of Subpart A of this part).

<sup>5</sup> When Cook Inlet operators cannot comply with this no discharge requirement due to technical limitations (see Appendix 1 of Subpart D of this part), Cook Inlet operators shall meet the same stock limitations (C<sub>16</sub>-C<sub>18</sub> internal olefin) and discharge limitations for drill cuttings associated with non-aqueous drilling fluids for operators in Offshore waters (see § 435.13) in order to discharge drill cuttings associated with non-aqueous drilling fluids.

[61 FR 66125, Dec. 16, 1996; 62 FR 1681, Jan. 13, 1997, as amended at 66 FR 6917, Jan. 22, 2001]

**§ 435.44 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).**

Except as provided in 40 CFR 125.30-125.32, any existing point source sub-

ject to this Subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT):

BCT EFFLUENT LIMITATIONS

Stream	Pollutant parameter	BCT effluent limitations
Produced Water (all facilities) .....	Oil & Grease .....	The maximum for any one day shall not exceed 72 mg/l and the 30-day average shall not exceed 48 mg/l.
Drilling Fluids and Drill Cuttings and Dewatering Effluent: <sup>1</sup>		
All facilities except Cook Inlet .....	.....	No discharge.
Cook Inlet:		
Water-based drilling fluids, drill cuttings, and dewatering effluent.	Free Oil .....	No discharge. <sup>2</sup>
Non-aqueous drilling fluids and dewatering effluent.	.....	No discharge.
Drill cuttings associated with non-aqueous drilling fluids.	Free Oil .....	No discharge. <sup>2</sup>
Well Treatment, Workover and Completion Fluids.	Free Oil .....	No discharge. <sup>2</sup>
Produced Sand .....	.....	No discharge.
Deck Drainage .....	Free Oil .....	No discharge. <sup>3</sup>
Sanitary Waste:		
Sanitary M10 .....	Residual Chlorine .....	Minimum of 1 mg/l maintained as close to this concentration as possible.
Sanitary M91M .....	Floating Solids .....	No discharge.