

**Environmental Protection Agency**

**§ 435.13**

**§ 435.12 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 125.30–32, 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 .....	( <sup>1</sup> )	( <sup>1</sup> )	NA
Water-based:			
Drilling fluids .....	( <sup>1</sup> )	( <sup>1</sup> )	NA
Drill Cuttings .....	( <sup>1</sup> )	( <sup>1</sup> )	NA
Non-aqueous:			
Drilling fluids .....	No discharge	No discharge	NA
Drill Cuttings .....	( <sup>1</sup> )	( <sup>1</sup> )	NA
Well treatment fluids .....	( <sup>1</sup> )	( <sup>1</sup> )	NA
Sanitary:			
M10 .....	NA	NA	≥ 1
M9IM <sup>3</sup> .....	NA	NA	NA
Domestic .....	NA	NA	NA

<sup>1</sup> No discharge of free oil. See § 435.11(x).

<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.

[58 FR 12504, Apr. 13, 1979, as amended at 66 FR 6897, Jan. 22, 2001; 77 FR 29836, May 18, 2012]

**§ 435.13 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 125.30–32, 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 available technology economically achievable (BAT):

**BAT EFFLUENT LIMITATIONS**

Waste source	Pollutant parameter	BAT effluent limitation
Produced water .....	Oil & grease	The maximum for any one day shall not exceed 42 mg/l; the average of daily values for 30 consecutive days shall not exceed 29 mg/l.
Drilling fluids and drill cuttings:		
(A) For facilities located within 3 miles from shore.	.....	No discharge. <sup>1</sup>
(B) For facilities located beyond 3 miles from shore:		
Water-based drilling fluids and associated drill cuttings.	SPP Toxicity	Minimum 96-hour LC <sub>50</sub> of the SPP Toxicity Test <sup>2</sup> shall be 3% by volume.
Free oil .....		No discharge. <sup>3</sup>
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 (NAFs).	.....	No discharge.
Drill cuttings associated with non-aqueous drilling fluids:		
Stock Limitations (C <sub>16</sub> –C <sub>18</sub> internal olefin).	Mercury .....	1 mg/kg dry weight maximum in the stock barite.
	Cadmium .....	3 mg/kg dry weight maximum in the stock barite.
	Polynuclear Aromatic Hydrocarbons (PAH).	PAH mass ratio <sup>5</sup> shall not exceed 1×10 <sup>-5</sup> .
	Sediment toxicity.	Base fluid sediment toxicity ratio <sup>6</sup> shall not exceed 1.0.
	Biodegradation rate.	Biodegradation ratio <sup>7</sup> shall not exceed 1.0.
Discharge Limitations.	Diesel oil .....	No discharge.
	SPP Toxicity	Minimum 96-hour LC <sub>50</sub> of the SPP Toxicity Test <sup>2</sup> shall be 3% by volume.
	Sediment toxicity.	Drilling fluid sediment toxicity ratio <sup>8</sup> shall not exceed 1.0.
	Formation Oil	No discharge. <sup>9</sup>