

# 40 C.F.R. § 435.15

## Standards of performance for new sources (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS):

### New Source Performance Standards

Waste source	Pollutant parameter	NSPS
Produced water	Oil and 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	1mg/kg dry weight maximum in the stock barite.
	Cadmium	3 mg/kg dry weight maximum in the stock barite.
Non-aqueous drilling fluids		No charge.
Drill cuttings associated with non-aqueous drilling fluids:		

Stock Limitations (C <sub>16</sub> -C <sub>18</sub> internal olefin)	Mercury	1mg/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 5 shall not exceed $1 \times 10^{-5}$ .
	Sediment toxicity	Base fluid sediment toxicity ratio 6 shall not exceed 1.0.
	Biodegradation rate	Biodegradation rate ratio 7 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. 9
	Base fluid retained on cuttings	For NAFs that meet the stock limitations (C <sub>16</sub> -C <sub>18</sub> internal olefin) in this table, the maximum weighted mass ratio averaged over all NAF well sections shall be 6.9 g-NAF base fluid/100 g-wet drill cuttings. <sup>10</sup> For NAFs that meet the C <sub>12</sub> -C <sub>14</sub> ester or C <sub>8</sub> ester stock limitations in footnote 11 of this table, the maximum weighted mass ratio averaged over all NAF well sections shall be 9.4 g-NAF base fluid/100 g-wet drill cuttings.
Well treatment, completion, and workover fluids	Oil and 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.
Deck drainage	Free oil	No discharge. 4
Produced sand		No discharge.
Sanitary M10	Residual chlorine	Minimum of 1 mg/l and maintained as close to this as possible.
Sanitary M9IM	Floating solids	No discharge.
Domestic Waste	Floating solids	No discharge.
	Foam	No discharge.
	All other domestic wastes	See 33 CFR part 151.

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