Reducing the Accumulated Environmental Damage in the Northern Territories of Russia

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Abstract: Waste oils can be justifiably disposed of at the places of their use, and not only at the disposal sites. This primarily applies to production facilities located far from the central part of Russia, where there are economic and climatic features. Burning waste oils in their pure form is prohibited by current legislation. The possibility of obtaining recovered and W/O emulsion from waste oil, using the effects of hydrodynamic cavitation, provides an alternative to the disposal of waste oils, both those already accumulated over many years in northern territories and those generated at remote operating enterprises.