

Case History

SAS Slops Splitting Products

Products:- SAS101SC, SAS135SC, SAS124SC

SAS Slops Splitting Products.

Surface Active Solutions supply a range of chemicals suitable for splitting various oil industry aqueous emulsion slop wastes produced as a result of wellbore cleanup, mud pit cleaning and general rigwash operations. The process is also applicable to treating waste drilling muds directly.



Wellbore cleanup waste slop before and after the split using SAS microemulsion product.



Mud pit cleaning waste slop before and after the split using SAS microemulsion product

Statistics

In order to demonstrate the splitting efficiency of the products a field trial was undertaken by a UK based waste management company. 5MT SAS product was successfully used at a 2%wt dose rate to treat circa 250MT offshore slop waste by mixing the product with the waste stream into a storage tank and using gravity to separate out the solid and liquid fractions.

- Minimal engineering equipment required
- Oil phase recovered from the waste stream for recycling
- Final result achieved within hours of chemical injection when separating under gravity (and within seconds / minutes if using centrifugation equipment)
- Water cleaned to below COD of 3000ppm for disposal via WWTW
- **Waste stream disposed to landfill reduced in volume by circa 60 - 90%** - allows for the disposal of the solids fraction only under current legislation negating the need for "solidification"



Tank bottom slops split into clean solids, water and recovered oil fractions using SAS microemulsion product

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