



MuDD-Dry - Environmental Comparisons

Are you currently using cement to solidify your liquid waste?

Did you know MuDD-Dry is a more cost effective solution that's better for the environment?

Here is a visual comparison of Cement against MuDD -Dry



Environmental impact of Cement vs MuDD-Dry:

- Cement contains hexavalent chromium which is a genotoxic carcinogen
- Most muds treated with cement significantly raise the pH requiring the material to be disposed at a specialist location
- Cement adds more weight to the waste – therefore more cost to transport and handle
- The production of cement is very energy intensive and releases a lot of carbon dioxide into the environment contributing to global warming (4-8% of annual production); production of one tonne of cement creates 780 kg of carbon dioxide
- Cement dust can be a dangerous source of air pollution
- Cement must be handled with caution wearing appropriate PPE as it is very alkaline
- Cement increases carbon dioxide emissions from having more trucks on road to transport treated waste + reagent
- Cement can cause eye, skin, and respiratory irritation that can lead to silicosis
- Cement creates a hard, monolithic finish that can be hard to work with
- No potential reuse
- Cement can impact biodiversity of surrounding fauna (all species)



MuDD-Dry – Cost Comparisons

Raw Material Costs - CEMENT = £0.17/kg / MuDD-Dry = £2.80/kg

HOWEVER....

If you treat 100 cubic metres at 1% of MuDD -Dry it will require 1000kg of product at a cost of £2,800 + £75 Shipping cost of MuDD- Dry to site.

COMPARED TO

If you treat 100 Cubic meters at 20% with cement it will require 20,000 kg of product at a cost of £3,400 + £350 Shipping of Cement to site.

Disposal Costs

Cost of preparing 100 cubic meters of waste product for disposal with MuDD – Dry is £3,325 = £32.92/tonne ex works site.

COMPARED TO

Cost of preparing same amount of the product for disposal with Cement is £4,525.00 = £37.70/tonne ex works site.

Cost of Resources

MuDD-Dry is significantly quicker to react than cement, solidifying within 20-30 minutes. It is also easier for handling, storage and transporting.

MuDD-Dry can solidify 10 tonnes per hour based on 1 man and 1 digger.

COMPARED TO

Cement can solidify 20 tonnes per day using the same resources resulting in 50% higher costs whilst utilising much more space.

For a more info please contact our drilling specialists @ SlimDril +44 (0)1493 656145.

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