



MuDD-Dry Application Guidelines

MuDD-Dry application is the simplest way to eliminate the cost and risk of managing liquid waste. Consider the 5 points below for optimal results. This means achieving your solids criteria while using a minimum amount of reagent.

1 KNOW YOUR MUD WEIGHT AND VOLUME

It is helpful to know the specific gravity or weight of your mud (lb/gal), which will help determine the proper reagent dosage.

2 START WITH A SMALLER VOLUME OF MUD TO TREAT

See the table below for dosage guidance. Overdosing initial volume and then adding wet material on top will lead to more efficient mixing. Add more if necessary, but give each dose at least 15 minutes to assess material.

Mud Weight / Gallon	Starting Reagent Dose by Weight
> 14 lb	0.25 % - 0.50 %
12 – 14 lb	0.50 % - 1.00 %
10 – 12 lb	1.00 % - 1.25 %

3 IF POSSIBLE, ADD MUD TO REAGENT RATHER THAN REAGENT TO MUD

The ideal setup for mixing MuDD-Dry efficiently into liquid waste is to start with a relatively thin layer of waste in the bottom of the container that you will be mixing in and spread the reagent over top at a higher dosage to solidify. Following this, mix the reagent into the waste, breaking up any clumps if they form. Once mixed, add the remainder of the waste filling the container and blend the entire mixture as thoroughly as possible.

NOTE: It is much easier to stir reagent up through your waste stream then to push it down through.

4 ASSESS THE WASTE STREAM BEFORE TREATMENT

MuDD-Dry is ideal for drill cuttings, hydro-excavation mud and other water based semi-solids. A corrosive pH, high salt or hydrocarbon content can reduce efficacy. If your waste stream is lighter than the examples in the table above, speak to your SlimDril representative about alternative solidification methods and reagents.

5 SHELTER FROM PRECIPITATION

MuDD-Dry has tremendous absorption capacity, up to 300% of its own weight. Exposing your treated waste to heat and wind will allow for continuous evaporation and reduced waste by as much as 50% Conversely, it will also rehydrate so it is best to shelter treated waste from precipitation.

