

METAFLO - SOLVING LIQUID WASTE

MetaFLO turns liquid waste into a stackable solid in minutes on site, while only increasing the waste volume by 1-2%.

MetaFLO replaces the need for expensive alternatives; like Portland cement, sawdust, lime and fly-ash. It results in a quick, easy and environmentally friendly way to manage your liquid waste streams.

WHY USE METAFLO?

- Less waste
- Lower transportation and disposal costs
- Improves safety
- Better control and compliance
- Fast acting - creates a dry, stackable solid for easy handling
- Better for the environment
- Helps pass Toxicity Characteristic Leaching Procedure (EPA Method 1311)
- Helps pass paint filter criteria (EPA 9095)
- Landfill friendly; does not biodegrade, and significantly reduces greenhouse gas emissions

METAFLO TREATED DIRECTIONAL DRILLING FLUID BEFORE & AFTER



APPLICATIONS

MetaFLO reagents work across a variety of industries and applications, where liquid waste is produced;

- Horizontal Directional Drilling (HDD)
- Trenching
- Tunnelling
- Piling
- Hydro excavation
- Microtunneling
- Storm water ponds
- Tailing Ponds
- Roll-off tanks
- Sludges & slurries
- Pipeline
- Infrastructure construction
- Solidification of municipal wastewater sediment and stormwater settling pond sediment
- Liquid transfer station sludge

For more information, talk to us today

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Mud collection



Mixing reagent on site



Final product

WHAT IS THIS STUFF ANYWAY?

Short chains of highly absorbent particles that absorb 300 times their volume of water.

WILL METAFLO SOLIDIFIED MATERIAL LIQUEFY AGAIN OVER TIME OR THROUGH TRANSPORTATION?

No, once solidified, the material will stay in solid form.

HOW MUCH WOULD I USE?

More liquid in spoil = higher dosage, less liquid in spoil = lower dosage.

Typical ranges of dosages: 0.25-1% by weight.

CAN I STACK THE MATERIAL ON THE JOB SITE?

Yes, the solidified material can be stacked on the job site like any soil. The material can lose significant weight through natural evaporation, and due to the higher surface area of the stacked solidified material.

DOES METAFLO CONTAIN ANY TOXIC COMPOUNDS OR CONTAMINANTS?

No, MetaFLO is environmentally friendly and does not contain any contaminants or toxins. The classification of the solidified material will not change (i.e. if the liquid was considered “clean”, then the solidified material will also be “clean”. If the liquid was contaminated, then the solidified material will also be contaminated).

DOES METAFLO HAVE AN IMPACT ON ENCAPSULATION/IMMOBILISATION OF CONTAMINANTS?

MetaFLO will solidify the waste material and immobilise potential contaminants. MetaFLO will not stabilise contaminants.



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