BIOREMEDIATION OF OIL BASE MUD CUTTINGS & DRILLING WASTE.
In-Situ Bioremediation of Hydrocarbon Containing Cuttings

- Controls & limits environmental liability
- Fast cost effective
- Can be handled by drilling crew
- No hauling of drill cuttings
- No land farm risk
GUIDELINES
(I.E. OIL SPILL REMEDIATION EQUIVALENT)

Not burial of “contaminated” waste
In-situ bio-remediate cuttings to <1% TPH
Put in WBM Pit cover with 3ft soil or spread
No liner required except for Cat. 1A & 1B:
Determine extent of contamination to be treated (TPH, Volume - depth and surface area)
Spread cuttings in biocell 12 to 16” deep (2’ max)
Spread & till in hay or mulching materials as available
Apply microbes & nutrients (spray, till, or inject)
Apply and re-till for good contact and aeration
Keep moist - Paper towel test
Monitor site periodically (samples, etc.)
At TPH level <1% - put in WBM pit and close.
PIT LAYOUT

Water Base

Cutting Storage

Remediation Pad Area
PIT CONSTRUCTION
IN-SITU BIOREMEDIATION