

New Field Scale Protocol for Oil Spill Sorbents

Limitations of Laboratory Standards

Lab Samples vs. Field Reality



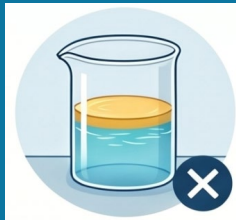
ASTM Standard Test

- Scaling issues from sample size?
- Cutting technique impact results?
- Coupon representative of full size?



Full-size Scale

Missing Environmental Variables



Current standard tests lack simulation of oil slick on water in waves



Field Scale Solution



- New protocol developed
- Determines Oil Recovery
 - full-size pad
 - one hour active tests
 - determines fluid selectivity
- Protocol presented to ASTM for consideration as new standard
 - Work Item ID WK100266