

SCOPE

Substrates: fine to coarse heterogeneous sediments, marshland

Pollution: light to moderate

Pollutant: clusters varying in viscosity

Sea: tidal



EQUIPMENT NEEDED

Basic equipment:

- Garden claw, scarifier

Extra equipment:

DESCRIPTION/PRINCIPLE

Involves scarifying deposits of weathered oil intentionally left on site to avoid disturbing the site. These relatively superficial furrows can, after breakdown of the pollutant, allow for recolonisation of animal and/or plant species. In the case of thick deposits of heavy fuel oil for instance, this pollutant can be removed by scarification.

CONDITIONS OF USE

Pollution: weathered, hardened deposits of varying thickness.

Substrate: unsorted gravel and silt sediments; marshland...

Site: ecologically sensitive; very limited self-cleaning; poor tolerance to intensive clean-up operations

IMPACT ON THE ENVIRONMENT

Physical: avoids having to remove sediments and prevents disturbance due to intensive clean-up operations.

Biological: allows recolonisation in the long run.

PERFORMANCE

Yield: N/A

Waste: pollutant remains on site; possible removal of some deposits of hardened oil.

OBSERVATIONS

- Can be applied in the case of scattered pollution on very sensitive sites.
- Presupposes an immediate decision not to intervene and that a deferred response was planned to be implemented several months after the spill.