

## *Suggested Uses and Applications*

# Use **Adsorb-it®** Filtration Fabric and **Adsorb-it® /AM** Antimicrobial Fabric

for

### Stormwater Filtration

Filter oil and oil-borne contaminants from: ditches and piping, retention ponds, sumps, catch basins, and stormwater vaults.

**Adsorb-it®** products are available for use in catch basins, approved by the Dept of Ecology, and much easier to install than other available catch basin inserts. We have **Antimicrobial products** available to control bacteria in stagnant or low-flow conditions.

### Oil Water Separators

Use as a filter media before the final discharge to eliminate oil sheen.

Ask us about our simple **Polishing Filter Pack Unit** design, used by the US Navy, with screen plates covered with **Adsorb-it®**, and our drop-in **Oil Water Separator Filter Curtain** design.

### Ditch or Pond Liners

Excellent liner for drainage ditches or retention ponds where erosion or oil pollution is a problem. Oils are held in the fabric matrix and allowed to degrade naturally. **Adsorb-it®** inhibits oil and oil-borne contaminant pollution on water from spreading to the surrounding soil, or perking from the soil to the water.

### Sorbent

Retains up to **20 times its weight in oils** and oil-borne contaminants.

Outperforms polypropylene products and allows the virtually unrestricted flow of water through the fabric while retaining the oils and oil-borne contaminants in the fabric matrix.

## Use **Adsorb-it®/AM** Antimicrobial Filtration Fabric to kill bacteria, as well as fungus, mold, and algae on contact

The antimicrobial works by physical, rather than chemical means, so it is non-toxic. It is surface-bonded to the **Adsorb-it®** fabric, so it will not leach into the environment, and will remain effective indefinitely.

Many of the **Adsorb-it® Sorbent Products** are available in **Adsorb-it® /AM Antimicrobial Filtration Fabric**.

### Shoreline Protection

Conforms easily to uneven surfaces such as shorelines, streambeds, and rock formations.

**Adsorb-it®** inhibits oils and oil-borne contaminants in water from impacting the land and contaminants on land, from impacting the water. **Equally effective wet or dry; in salt or fresh water. The oil displaces the water in the fabric.**

### Wastewater Filtration - FOG

Use in interceptors or grease traps or use to filter industrial mop water.

Highly effective in the removal of fats, oils, and greases (FOG) when used for filtration - virtually eliminating system blockages due to grease buildup. Excellent for the removal of oil and oil-borne contaminants from any wastewater stream.

### Spill Response

Use for dock curtains, sweeps and skimmer pads for oil and oil sheen recovery on open waters or in marinas. **Adsorb-it®'s** wicking action allows the oils, oil sheen and oil-borne contaminants to be contained in the entire fabric as opposed to only the point of contact. Oil and oil sheen adhere to the **Adsorb-it®** fibers and are not displaced by water.

### Oil Recovery

Allows the recovery of adsorbed oils and oil-borne contaminants.

Oil may be recovered from the filtration fabric by physical means (wringing, pressing, centrifuge, etc.) after which the fabric may be reused with little reduction in its efficacy.



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