

## OilSorb-SG

### NEW LOW-COST & SUSTAINABLE TREATMENT MEDIA SOLUTION FOR PRODUCED WATER

Applied Process Equipment, Inc. (APE) **OilSorb-SG** is a highly effective treatment media for the removal of crude oil and other dispersed hydrocarbons in produced or frack water that is both cost-effective and sustainable.

#### **PROBLEM:**

Excessive levels of crude oil, natural gas liquids (NGL), and other dispersed hydrocarbons in produced water and hydrofracturing (fracking) flowback water need to be removed prior to discharge or reuse.

#### **PRODUCED WATER:**

Primary crude oil and gas separation production equipment leaves environmentally significant levels of hydrocarbons in the produced water. The hydrocarbons must be treated for removal prior to discharge into the environment, for beneficial reuse, or before further downstream treatment to remove total dissolved solids (TDS).

#### **FRACKING OPERATIONS:**

Fracking flowback water may contain various dispersed hydrocarbons and/or high levels of suspended solids. Both the hydrocarbons and/or suspended solids need to be treated for removal before water disposal or for recycling back into fracking operations.

#### **SOLUTION:**

Wastewater treatment using **OilSorb-SG** accomplishes efficacious, cost-effective absorption and removal of oil and other dispersed hydrocarbons, especially in produced water and fracking flowback water.

**OilSorb-SG** *does not* remove the valuable water-soluble additives in fracking flowback water, which allows extremely cost-effective recycling of this resource rather than a disposal liability. A superior two-fold removal media, **OilSorb-SG** extracts hydrocarbons and removes suspended solids in one unit process.

Typically loaded into pressure contactors (similar to sand filters) for hydrocarbon extraction and suspended solids removal in the produced and/or frack water stream, **OilSorb-SG** may also be used in gravity flow systems. It is available in a variety of grain sizes, with selection dependent on application method.

**OilSorb-SG** is a granular media that absorbs and permanently bonds to the hydrocarbons in the produced and/or frack water. Produced from specially treated recycled polymers, this dynamic product is 100 percent **Sustainable** and **Green**.

**OilSorb-SG's full-scale field application delivers lower CAPEX and OPEX than any other competing oil and other hydrocarbon removal treatment systems. Ease-of-use application, simplistic operation and low-cost efficacy make this treatment system an ideal solution for the treatment of produced or frack water.**



## Serving Industrial Customers in the West!

Allied Process Equipment, INC., (APE) is committed to fulfilling all your produced water, frack water and wastewater treatment needs through innovative products and personalized service. Our experienced, dedicated staff seeks to effectively and efficiently solve your problem with lasting results rather than simply sell a product. We utilize the latest advancements and groundbreaking treatment technologies to custom design dynamic, practical solutions that meet your specific requirements. Our multifaceted, cost-effective approach delivers unparalleled results backed by extensive research.

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