

ecoStop Spill Control Valve



The ecoStop Valve is designed to control spills at petroleum storage or fueling facilities. A spill situation shuts down the valve, preventing the discharge of free oil to municipal sewers or direct discharge outfalls.

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The ecoStop valve maintains the spill on site, where it can be contained either below grade (i.e. an underground storage tank or a large diameter pipe) or in an above grade dike protected area.

The capacities of this upstream storage reservoir should be large enough to accommodate typical amounts of a tank or truck oil-spill (with an additional safety factor).

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The ecoStop's automatic shut-off valve and float has an actuated closure device which stops the flow through the system when the maximum oil storage capacity is reached inside the structure.

In its closed position, the valve is watertight up to 16 feet of total dynamic head pressure. The ecoStop detects spills automatically, and therefore eliminates the most common failures in traditional spill control systems; human error.

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Installation

The system is installed in-line and downstream from any segregated petroleum containment drainage area treating runoff.

The ecoStop comes pre-installed in a standard pre-cast concrete manhole or in an ecoSep Oil/Water Separator system. The ecoStop can also be retrofitted to an existing drainage system.