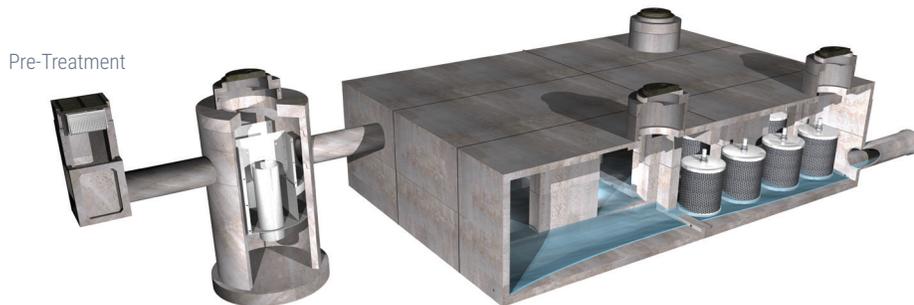




STORMCAPTURE[®]

Treatment



Stormwater treatment options such as pre-treatment, post-treatment, oil water separators and sand filters are available as stand-alone systems, or integrate with StormCapture.

OIL WATER SEPARATORS

Contamination of our water resources with hydrocarbons is an especially difficult problem to solve because of the widespread use of petroleum products. Oldcastle Infrastructure offers two styles of oil water separators to intercept hydrocarbons in stormwater runoff, the generic baffled style for lower concentration areas, and for hydrocarbon “hot spots” we provide separators that use enhanced coalescing plate technology and gravitational separation to improve performance while reducing the frequency of maintenance and cleaning.

OTHER TREATMENT BMPs

Oldcastle manufactures a variety of hydrodynamic separators for pre-treatment, as well as a full line of filter systems for advanced treatment. Many of these treatment BMPs can be fully integrated within the StormCapture system.

DELIVERABLES

We provide Installation as well as Operation & Maintenance Manuals.

SAND FILTERS

Sand filters are a proven technology that effectively remove pollutants from stormwater runoff after construction has been completed on a given site. Sand filters are typically triple-chambered structures. The first chamber serves to pre-treat the stormwater by allowing larger sediments to settle out while trapping some floatables. Pre-treatment is critical in reducing maintenance frequency by removing some of the larger pollutants so that the filter bed will not become clogged quickly. The second chamber contains a filter bed comprised of sand, or other filter media that will filter out finer particles and other pollutants as the stormwater passes through the media. The third chamber is a clear well chamber for cleaned water prior to discharge. Each filter can be sized to match your application, thereby making best use of site conditions and providing more efficient maintenance. Oldcastle offers both perimeter style (at grade) and underground sand filters. Our sand filters feature a high-flow bypass option and comply with underground structure requirements. Most can be installed in one day.