

WASHINGTON DEPARTMENT OF ECOLOGY APPROVES BAYFILTER FOR CONDITIONAL USE LEVEL DESIGNATION (CULD)



ENGINEERED TO OUTPERFORM

Superior Engineering:

With over seven years in research and development, BayFilter is the most efficient, effective, economical, and easy-to-use stormwater treatment filter on the market today. The BayFilter system utilizes well proven sand filter principles to remove pollutants such as sediments, oil, metals, organics and nutrients. The modular design allows the units to be sized based on site conditions providing the exact system needed for both large and small sites.

Superior Performance:

Utilizing concrete (manholes, pre-cast, or cast-in-place) vaults, an easy-to-handle cartridge design, a mixed media sand filter, and a proprietary spiral wrapped layered construction, BayFilter removes very fine sediment and nutrient pollutants at an astounding maximum flow of 30 GPM per cartridge. The vertically spiralled silica-sand layered design maximizes flow rates while up-flow filtration yields more effective

Washington Department of Ecology (DOE) has upgraded BayFilter technology to CULD for basic, enhanced and phosphorous treatment.

pollutant removal and allows for BayFilter's unique hydrodynamic backwash cleansing process. This process dislodges pollutants and restores the porosity of the mixed media filter. Dedicated drain-down devices assure no standing water between storms.

BayFilter systems are easy to specify, install and maintain and are fully customizable. They offer excellent abrasion and corrosion resistance, resulting in low maintenance costs and reduced life cycle costs.

The recyclable cartridges remove 85% Total Suspended Solids and 65% of turbidity. The drain-down design prevents the system from becoming anaerobic during dry periods and reduces mosquitoes and other diseases from breeding within it.



After DOE reviewed field data from a school site on the east coast, it was clear that BayFilter would meet the requirements put forth with TAPE.

Because of the high demand for the BayFilter system, the 10 allowable installations per the TAPE protocol are either installed or ordered. Therefore, no additional BayFilter systems can be installed for basic treatment until General Use Designation is received. However for sites requiring enhanced or phosphorus treatment, BayFilter can be utilized. BayFilters which are acceptable for enhanced and phosphorus treatment will also address TSS concerns.

ADS/Hancor looks forward to completing local field test data to acquire General Use Level Designation (GULD) with the TAPE program for BayFilter. Your local ADS/Hancor representative will keep you posted on BayFilter's progress.

For more detailed design information, pricing and availability contact your ADS or Hancor Sales Representative.

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**SPECIAL ANNOUNCEMENT;
WASHINGTON DEPARTMENT
OF ECOLOGY SPECIFIES NEW
APPROVALS FOR BAYFILTER™**

