



## **NEWS RELEASE**

July 20, 2010

### **Imbrium Systems Receives Approval by Montgomery County, MD for SorbtiveFILTER to Protect the Chesapeake Bay against Phosphorus**

Imbrium Systems Corp., a Rockville, Maryland based stormwater treatment solutions company, announced today that it received formal approval for **SorbativeFILTER** by the Montgomery County, Maryland Department of Permitting Services. This is an important step forward for Imbrium Systems and Montgomery County in an effort to protect the Chesapeake Bay from the ravages of non-point source stormwater runoff pollution. SorbtiveFILTER is an industry-leading, fully field-tested treatment system using **SorbativeMEDIA** which captures high volumes of Total Phosphorus (TP) and Dissolved Phosphorus (DP). Both SorbtiveFILTER and SorbtiveMEDIA are approved stormwater treatment products by the Maryland Department of the Environment.

The Chesapeake Bay must shed approximately 63 million pounds of nitrogen and 3.1 million pounds of phosphorus in order to reach a healthy stage. With TMDLs soon to be implemented throughout the watershed, according to EPA, the Chesapeake Bay can accommodate 187.4 million pounds of nitrogen and 12.5 million pounds of phosphorus washing off its watershed annually.

In a real-world 19-storm event field test conducted following the TARP protocols, SorbtiveFILTER captured 77 percent of TP and 44 percent of DP, in addition to over 80% sediment. "Sorbative is truly a breakthrough technology that will definitely help the seven states within the Chesapeake Bay Watershed reduce the amount of phosphorus, nitrogen and sediment washing into the Bay", said Scott Perry, Global Manager for Imbrium Systems. "Both SorbtiveMEDIA which is an oxide-coated, engineered media produced from natural aggregates and the SorbtiveFILTER are industry leaders and expected to have a tremendous impact reducing pollutant loads within the Bay Watershed", noted Perry.

The SorbtiveFILTER was introduced recently as a stormwater treatment system and is being used to reduce phosphorus loads in several critical watersheds in North America. SorbtiveMEDIA is a reactive engineered granular filter media that retains large pollutant loads and does not leach pollutants. "SorbativeMEDIA is a flexible, long-lasting media when used in various stormwater treatment designs. It provides a robust enhancement when applied to various Environmental Site Design and Low Impact Development stormwater practices. SorbtiveMEDIA can easily be applied within bioretention cells, infiltration trenches, sand filters and pervious pavement systems", added Scott Perry. "The SorbtiveFILTER is a solution for new and redevelopment projects, and the SorbtiveMEDIA



provides additional strength for LID projects concerned about phosphorus and ultimately water quality”, noted Perry.

**About Imbrium**

Imbrium ([www.imbriumsystems.com](http://www.imbriumsystems.com)) is a green-tech company that designs and develops stormwater treatment technologies to protect water resources from pollutants. Imbrium has a strong record of environmental innovation in the industry as the creator of the Stormceptor® oil and sediment separator, the Jellyfish fine sediment filter, Sorbtive™ MEDIA and Sorbtive™ FILTER.

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