

Best Management Products, Inc.

Patents and Intellectual Property Developments

Best Management Products, Inc. (BMP) continually develops simple yet unique designs to reduce pollution from stormwater runoff, and in the process, the company has been awarded several patents and trademarks.

US Patent 6126817- The SNOUT

The SNOUT is the keystone of our stormwater quality improvement system. The device is a vented-hood that covers the outlet pipe in a stormwater structure or catch basin that prevents the downstream passage of many waterborne pollutants found in stormwater runoff.

The SNOUT creates a baffle that retains floatables on the surface in the structure and allows the heavier items to sink and be retained on the bottom. The SNOUT features an anti-siphon vent, which prevents floatable matter from being drawn down stream and a watertight access hatch, and gasket that seals the flange to the structure wall. The SNOUT is one of the most successful stormwater quality products in the US with more than 60,000 installations.

US Registered Trademark- SNOUT®

The memorable and widely known name of BMP's popular vented, plastic composite stormwater quality hoods.

US Patent 7857966- The SNOUT with Bio-Skirt

This device includes a SNOUT and a skirted boom that is positioned in front of the hood. The skirted boom has an upper portion, used for floatation and adsorption, and a lower skirt that intercepts flows beneath the surface created by the SNOUT, which reduces pollutants entrained in the flow. The Bio-Skirt, which is treated with a non-leaching anti-microbial, is the most popular accessory for the SNOUT system and enhances the SNOUT's ability to trap and retain hydrocarbons.

US Registered Trademark- Bio-Skirt®

The trade name for BMP's anti-microbial treated skirted boom that is used in conjunction with the SNOUT to increase hydrocarbons reductions from runoff.

US Patent 7951294-The Wedge SNOUT and Hood with TrashScreen

BMP's well-regarded vented hood concept is further advanced with this patent. This describes a hood with a vertical wedge shape to intercept and redirect the flow in a structure reducing turbulence and increasing settleable solids capture.

Additionally, this patent recognizes a perforated screen placed in front of a stormwater hood. With this concept, a 100% capture of floatable trash reduction is possible. The SNOUT combined with a Stainless TrashScreen is designated as a "Full Trash Capture" by a regional water quality board in California.

US Patent 8,512,556 Water Resistant Hatch and Hood

A hood with an optional remotely operable hatch that eliminates the need to physically enter the catch basin to access the inner chamber of the hood.

More US patents are pending and BMP holds Canadian patents for much of the technology patented in the US.