



county of san diego



Vegetated BMP

Biofiltration BMPs with Hydromodification Management Plan (HMP)

Stormwater Structural Best Management Practices (BMPs) are installed on certain properties across the County in order to help **prevent pollutants** such as trash, fertilizers, pesticides, and sediment from making their way into storm drains and ultimately to our local creeks, rivers, and ocean. Your property is one of hundreds across the County with at least one BMP.

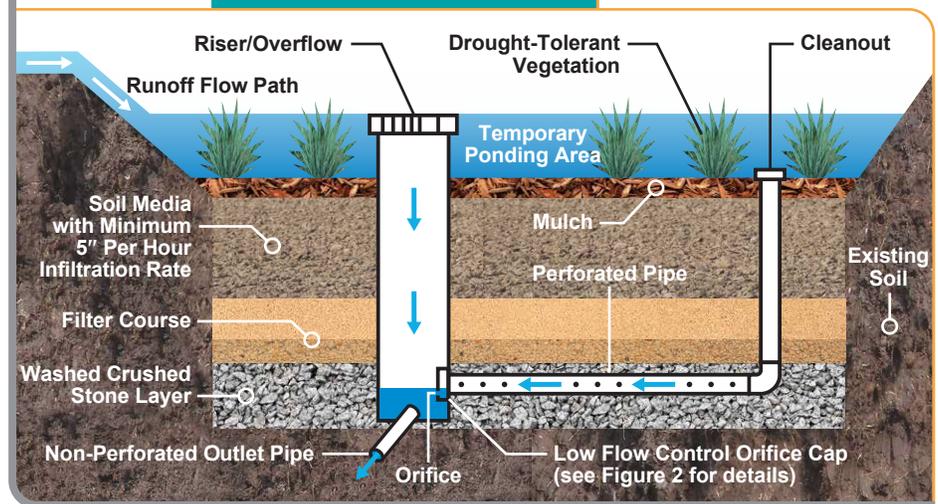
BMPs Keep Our Waterways Clean

Your BMPs are designed to remove pollutants from stormwater runoff generated by your property to the maximum extent practicable. As an owner of one of these properties, County regulations require you to **perform routine inspections and maintenance actions** to ensure that your BMPs are operating effectively.



Our records indicate that you have at least one HMP basin BMP on your property. To help you maintain this BMP, the **County of San Diego Watershed Protection Program** is providing you with this informational flyer to answer questions you may have about BMPs and how to maintain them.

FIGURE 1 HMP Biofiltration Basin



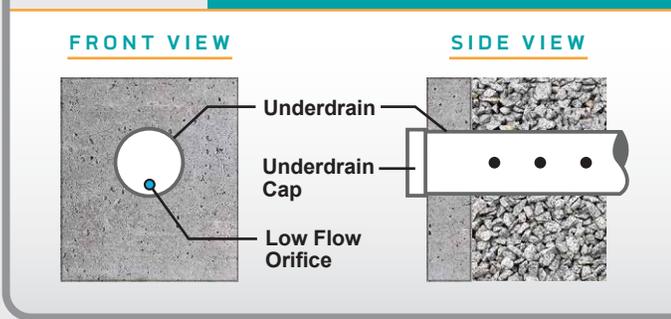
How Your HMP Basin BMP Works

HMP basin BMPs protect our creeks, rivers, and ocean by storing and filtering stormwater runoff in basins. After pollutants settle to the bottom, the basin outlet then discharges the filtered stormwater at a controlled rate via a flow control (or “low-flow”) orifice (see figure 2).



more info >>>

FIGURE 2 **Flow Control Orifice Cap Detail**



The low-flow orifice, located on the cap of the underdrain, allows stormwater to be released at a controlled rate, reducing downstream erosion.



Orifice Size Being Measured

Find And Maintain Your BMP



HMP basin BMPs tend to be in low-lying areas where stormwater runoff pools. They are also typically dry, except during heavy rainfall. Because HMP basin BMPs remove pollutants from stormwater and prevent erosion downstream, it is important to inspect and maintain it. *Below are a few maintenance tasks to perform:*

- **Check if downstream erosion is present. Install correct cap per plan if erosion is present.**
- **Confirm endcap of the pipe has a low-flow orifice. Drill orifice according to plans if it's missing.**
- **Remove any litter or debris accumulating in the basin. Clear obstructions from inlets, outlets and low-flow orifice.**
- **Trim overgrown vegetation before the start of the wet season (October 1st through April 30th).**
- **Replace vegetated ground cover or mulch that was washed away or deteriorated.**
- **Fill holes where water can stand for longer than 96 hours (to reduce potential mosquito habitats).**

For a list of other tasks, refer to the maintenance verification form or maintenance plans from your housing developer.

What Do I Need To Do?

Every year, a County representative will contact you to conduct an onsite inspection of your BMP(s). Failure to conduct needed maintenance of your BMPs may initiate an enforcement investigation or an onsite follow-up inspection by a County representative.

For Questions, Contact Us At: Watershed Protection Program

Phone **1-858-495-5323**

Email **BMP.Program@sdcounty.ca.gov**

Visit **www.sandiegocounty.gov/stormwater**



Underdrain Cap with Orifice

thank you for doing
your part to

protect our
waterways

