



county of san diego



hydrodynamic separators

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 hydrodynamic separator 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.

thank you for doing
your part to

protect our
waterways

How Your Hydrodynamic Separator BMP Works

Hydrodynamic separator BMPs protect our local waterways by capturing pollutants before they enter the storm drain system. As stormwater passes through a separator's vortex chamber, pollutants are diverted to holding chambers, while cleaner runoff is directed to the storm drain system.





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Find And Maintain Your BMP



To find your hydrodynamic separator BMP, look for an above ground cover that indicates the make and model of the separator.

Once you have found your hydrodynamic separator BMP, it is important to maintain it. Keeping your hydrodynamic separator BMP in working condition helps keep our local waterways clean. Below are a few maintenance tasks to perform:

- **Contact a qualified service provider to conduct inspections and maintenance. Your BMP manufacturer can often help you find qualified service providers.**
- **Signs of needed maintenance include the presence of sediment deposits, trash, debris, oil sheens, or grease.**
- **Damaged components of the hydrodynamic separator will need to be repaired or replaced.**

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

Every year the Watershed Protection Program will send you a maintenance verification form for you to complete, sign, and return to the County. This form is used to verify that necessary maintenance has been completed for your BMP.

Failure to conduct needed maintenance of your BMPs may initiate an enforcement investigation or a follow up inspection.



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For Questions, Contact Us At:

Watershed Protection Program

1-858-495-5323

BMP.Program@sdcounty.ca.gov

<http://www.sandiegocounty.gov/content/sdc/dpw/watersheds/DevelopmentandConstruction/S-BMPs.html>

