



MAINTENANCE PARAMETERS

ECO-RAIN TANKS, 1" (25 mm) & 2" (50mm) DRAINAGE CELLS

Eco-Rain Tank Systems' philosophy recommends **Point Source** filtration of water before it enters the Eco-Rain Tanks or Drainage Cells.

POINT SOURCE (BIOSWALE) WATER FILTRATION:

Water filtration occurs through a permeable surface above the Eco-Rain Tank structure. Large suspended solids such as silt, fines and trash, are filtered out before water enters the system - there is nothing to clean out of the Tank structure.

*Inspect the permeable surface every twelve months for clogging and clean if necessary.

COMMERCIAL FILTER:

If water enters the Tank structure via pipe, a commercial filter should be installed on the inlet pipe. Maintenance is relegated to the filter unit. Cleanout Portals can also be installed – see below.

*Consult with the Filter manufacturer for inspection and cleanout protocol.

CATCH BASIN:

When a catchment basin with a filter insert is used, maintenance is relegated to removal of gross pollutants from the catch basin. A catch basin designed to handle the appropriate volume of water will not allow trash or large sediments to enter the Eco-Rain Tank.

*Inspect the catch basin at least every six months and clean-out as necessary.

When using the 1" Drainage Cells to line a catchment basin with sand in the bottom, use CLEAN river sand; scrape the surface at least every six months to keep it open and available to freely filter water into the system.

CLEANOUT PORTAL:

Eco-Rain Tanks can be designed with clean out and/or flushing points to remove any possible accumulation of sediment or fines. The Cleanout Portal has a round thirteen-inch hole at the center base of the plate to accommodate a camera and high-pressure hose. Flush water through the tank by inserting a high-pressure hose through the portal on one end and vacuum it up out the opposite end. When using a Cleanout Portal, we recommend annual inspection of the inside of the tank. If necessary, perform a flush at that time. If water entering the tank is filtered properly, flushing may only be necessary every five years.

MAINTENANCE LOG:

Keep a log of all inspection and maintenance performed on the Eco-Rain Tank structure. Keep this log on-site.

Eco-Rain Tank Systems warranty is void if unfiltered water is directed into the Tank structure.

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