

**SEDIMENT BASIN
(CODE 350)**

DESCRIPTION

A barrier or dam constructed across a waterway or at other suitable location to form a silt or sediment basin.

PURPOSE

To preserve the capacity of reservoirs, ditches, canals, diversions, waterways and streams; and to prevent undesirable deposition on bottom lands and other developed areas by providing basins for the deposition and storage of silt, sand, gravel, stone and detritus.

CONDITION

This practice is to be applied on farmland where physical conditions or landownership preclude the treatment of the sediment source by the installation of erosion control measures to keep soil and soil material in place.

POLICIES

1. The Sediment Basin must reduce pollutants from being transported to the waters of the State.
2. Agricultural activity must occur on the farm parcel where the Sediment Basin is to be constructed, and the agricultural activity must be the cause of pollutants within the watershed.
3. The cost-effectiveness must be shown to be \$40/ton of soil saved or less to be eligible for MACS funding. If the cost-effectiveness of the proposed BMP exceeds \$40/ton of soil saved, use the variable rate formula to determine the maximum amount of cost-share funds the applicant could receive from all funding sources.
4. The sediment trapping characteristics of the Sediment Basin must not be impaired by any design feature.
5. Cost-sharing ***is authorized*** for:
 - a. Land cutting, grading, and filling activities and the removal of obstructions.
 - b. Channel linings, chutes, spillways and pipes that dispose of excess water.
 - c. Vegetative cover (including mulching needed to protect the structure).

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6. Cost-sharing *is not authorized* for:
 - a. The installation of ditches or dikes designed to impound water for irrigation, recreation, household water, commercial production of fish or other aquatic life, or the supply of water to troughs and tanks. Water control structures, e.g. flash board risers in a ditch or channel, are not cost-shareable.
 - b. Installation of fencing.
 - c. Sediment Basin clean-outs.
7. Structures which provide multiple benefits in addition to erosion control and water conservation will be encouraged.
8. NRCS Standards and Specifications for Sediment Basins (Code 350) shall be followed when applying this practice.
9. This practice must be properly maintained for a minimum of ten (10) years. The applicant agrees to provide all equipment, labor and materials to meet this requirement.

COST-SHARE RATE

The State cost-share payment shall not exceed 87.5% of the total eligible cost, not to exceed \$35,000 per project.

ATTACHMENTS

Applicant(s) with an outstanding Unsatisfactory On-Farm Status Review of BMP Maintenance and Use of previous project(s) may be ineligible for further MACS Cost-Share funding. When a previous project expires with outstanding unsatisfactory status, the applicant is ineligible for any future MACS funding.

The following items are needed:

1. A copy of a recorded deed(s) for the parcel(s) where the BMP is located. If the current, appropriate deed is already on file in the MACS Office, then record both the agreement number of the file where the deed is kept and the liber/folio numbers in the General Comments section of the application.
2. A copy of the Real Property Data Search page from the Maryland Department of Assessments and Taxation's website (www.dat.state.md.us) indicating the Maryland Property View Account ID Number and owner information.
3. An aerial photograph indicating property lines and all existing and proposed BMPs. For sediment control practices, indicate the drainage area and the direction of flow.
4. A trapping efficiency worksheet.
5. A plan view sketch graphically demonstrating the layout and details of the proposed BMP.