



Prince George's Soil Conservation District


5301 Marlboro Race Track Road, Upper Marlboro, MD 20772
Phone (301) 574-5162x3 – Fax 1-855-416-9660

TECHNICAL MEMORANDUM 2018-03

October 15, 2018

TO: All Consultants, Developers, Contractors, Owners and Inspection Authorities

THRU: Steven E. Darcey, Executive Director
Prince George's Soil Conservation District

FROM: John B. Tarr, P.E., District Engineer/Program Manager 
Prince George's Soil Conservation District

RE: Proper Installation of Baffle Boards

The minimum required height of Baffle Boards installed in sediment basins and traps is six inches (6") above the normal pool/weir crest elevation for proper functioning.

This requirement is effective immediately to projects in review and retroactive for all currently installed practices and facilities. Attached are required edits to the baffle board standard (Detail G-2-4) of the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control whenever the practice is utilized.

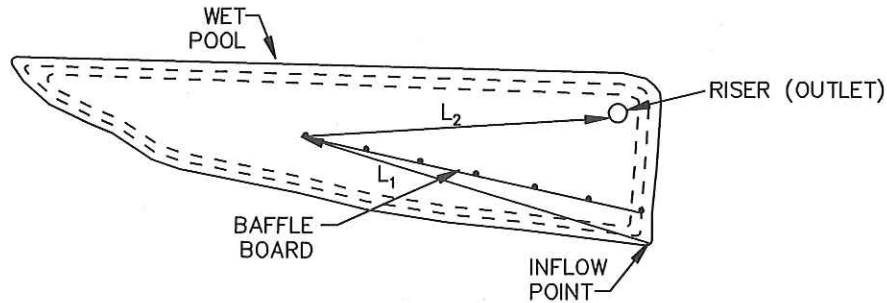
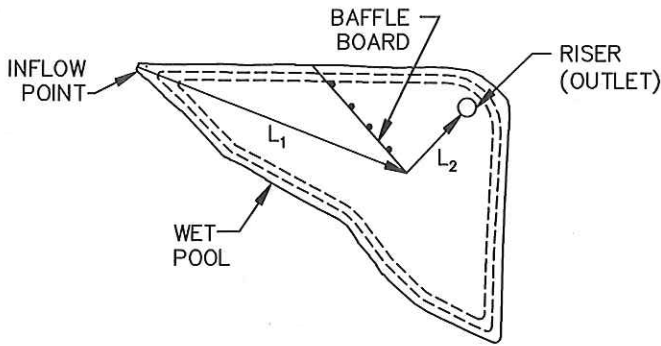
Please contact the District at 301.574.5162 EXT. 3 should you require additional information.

DETAIL G-2-4 BAFFLE BOARDS

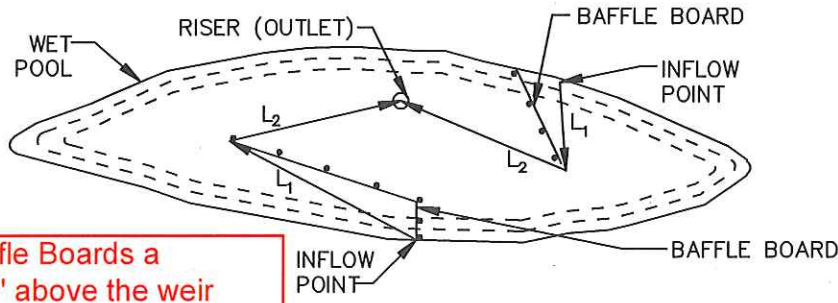
STANDARD SYMBOL



BAFFLES ARE REQUIRED TO PROVIDE A FLOW LENGTH BETWEEN INFLOW POINT AND OUTLET EQUAL TO TWICE THE EFFECTIVE TRAP/BASIN WIDTH.



$$L_e = L_1 + L_2$$



Set top of Baffle Boards a minimum of 6" above the weir crest elevation.

PLAN VIEWS

~~SET ELEVATION AT 1/2 OF THE DRY STORAGE
(WET STORAGE ELEVATION + DRY STORAGE
ELEVATION / 2) OR 6 IN BELOW WEIR CREST
(OUTLET) WHICHEVER IS LOWER~~

POSTS MINIMUM
4 IN SQUARE OR
5 IN ROUND SET
AT LEAST 3 FT
INTO THE GROUND

3 FT
TYP.

SHEETS OF 4 FT x 8 FT x 1/2 IN
CDX EXTERIOR GRADE
PLYWOOD OR EQUIVALENT

EXISTING GROUND

6 IN
MIN.

4 FT CENTER TO CENTER

BAFFLE DETAIL

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

2011

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION