



PERMIT APPLICATION CHECKLIST

STORMWATER PERMITS

Materials required for all STORMWATER MANAGEMENT permits are outlined below. Projects triggering other rules may require additional materials.

PERMIT APPLICATION FORM (Submitted via [MCWD's Online Permitting Portal](#))

EXISTING AND PROPOSED CONDITIONS SITE PLANS AND DETAILS (Include the following):

Property lines of tracts or contiguous tracts under the applicant's ownership

Delineation of subwatersheds that contribute runoff to the site, and of existing and proposed subwatersheds on the site

Delineation of top of bank of existing onsite waterbodies and of floodplain, and notations of ordinary high water level and 100-year high water elevation of onsite waterbodies

Delineation of any flowage or drainage easements, or of other property interests dedicated to water management or conveyance

Existing and proposed site elevations at two-foot intervals, related to National Geodetic Vertical Datum (NGVD), 1929 datum

Locations, alignments, and elevations of existing and proposed stormwater management facilities, as well as construction plans and specifications for all proposed facilities

Existing and proposed areas of impervious surface

Cross sections and details for proposed BMPs

Normal water levels and 100-year elevations for proposed BMPs

Elevations of low openings to structures (must be a minimum of 2 feet above the 100-year elevation of BMPs)

STORMWATER MEMO (Include the following):

All hydrologic, hydraulic, and water quality computations on which the design of proposed stormwater management facilities is based, including:

- Required and provided runoff volume abstractions, and*
- Stormwater runoff volume and rate analyses for the two-, 10-, and 100-year design stormwater for existing and proposed conditions, at each point of site discharge*

Existing and proposed bounce and inundation of downstream waterbodies



STORMWATER MODELING *(Include the following):*

All existing and proposed HydroCAD reports or equivalent

SUPPORT DATA *(Include the following):*

If proposing infiltration, the applicant must characterize soils by use of soil pits or hand augers, and must submit a soils report that describes, measures permeability of, and delineates site soils and includes the soil sampling methodology used. Borings for an infiltration facility must extend at least 5 feet below the proposed bottom elevation of the facility

If proposing a soil amendment, the applicant must submit a soil amendment plan

If proposing capture and reuse, the applicant must submit a system operating plan and calculations that quantify the benefits of the reuse system

NPDES permit (if applicable)

\$10 APPLICATION FEE *(Payable to MCWD by check or via the Online Permitting Portal)*