

**APPLICATION CHECKLIST FOR STORMWATER PERMITS**

Materials required for STORMWATER MANAGEMENT permits. Projects triggering other rules may require additional materials.

- WATER RESOURCES APPLICATION FORM (electronic signatures accepted)
- EXISTING AND PROPOSED SITE PLANS AND DETAILS
- STORMWATER MEMO
- STORMWATER MODELING
- SUPPORT DATA
- \$10.00 APPLICATION FEE (Payable to MCWD by check or Visa/Mastercard)

PLEASE SEE CHECKLISTS BELOW TO ENSURE YOUR APPLICATION IS COMPLETE. Review the tables at the end of the Stormwater Management Rule to determine the treatment requirements for your project. You may also contact the permitting department at 952-641-4532.

**EXISTING AND PROPOSED CONDITIONS SITE PLANS AND DETAILS including:**

- Property lines
- Delineation of the work area
- Existing and proposed areas of impervious surface
- Existing and proposed contours and drainage arrows
- Locations of existing and proposed BMPs and pretreatment practices
- Soil borings/geo-technical information at BMP locations
- 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 100 year elevation of BMPs)

**STORMWATER MEMO including:**

- Existing and proposed runoff rates at all down gradient property boundaries and all storm sewers leaving the site (must utilize the Atlas 14 rainfall distribution for rate calculations)
- Required and provided abstraction volume (See section 3(c) and tables 2-5)
- Existing and proposed bounce and inundation of downstream waterbodies and/or wetlands
- Abstraction analysis if one inch of abstraction is not feasible (see section 3(c)(2) of the Stormwater Management rule)



- Calculations and support data as indicated in the volume abstraction schedule for abstraction credit for tree preservation, tree planting, and capture-reuse (this is only applicable if the proposal utilizes alternative volume abstraction practices as outlined in Appendix A)

**STORMWATER MODELING including:**

- Existing and proposed HydroCAD reports (or equivalent)
- If phosphorus calculations are required under 3(c)(2), provide phosphorus modeling, such as MIDS, P8, or equivalent for the proposed condition and for a hypothetical condition that provides an inch of abstraction for the required impervious surface