

Underground Detention Ponds

A complete **Best Management Practice (BMP)** credit application for underground stormwater detention ponds includes:

- A new topographical survey is **NOT REQUIRED** for underground detention.
- **A signed and dated BMP Credit Application** (Appendix A) indicating the development permit number, parcel number(s), and the contact correspondence info of the applicant: name, mailing address, phone, and email address.
- **An original hardcopy (wet seal) BMP post-construction volume recertification form:** stamped, signed, and dated by a currently registered Georgia Professional Engineer or Registered Land Surveyor.
- **Current Stage-Storage Tables** (cannot be older than one year from the date of application).
- **A recently measured OCS (outlet control structure) detail drawing**** with measurements of the orifice sizes and elevations that match the current stage-storage tables: stamped, signed, and dated by a currently registered Georgia Professional Engineer or Registered Land Surveyor.
- **Photographs of the OCS** with measurements of orifices to support the new OCS detail. (This could be accomplished with a tape measure and camera or laser tools.) Also include photos of the bottom of the vault. (A pole camera can take pictures of the vault.)
- Once the credit application is complete, DWR staff will inspect the underground detention pond and send the results to the owner.
 - If the underground detention pond has no deficiencies, Gwinnett County will continue processing the credit application.
 - If there are deficiencies, the owner will be notified and the stormwater credit process will be “on hold” until those deficiencies are corrected.

** If OCS dimensions or volumes change from the as-built, additional information may be required to validate compliance with Gwinnett County stormwater regulations.

Taking OCS Photographs

For an underground pond, in lieu of a new topographical survey, Gwinnett County requires current photographs of the OCS (outlet control structure) for a credit application. A caption should accompany every picture, clearly describing what part of the OCS is depicted and showing any measuring tools used for calculations. The new OCS detail will be verified against the photographs, so be sure to take large, clear pictures. If possible, please also include electronic date-stamps on each photo.

Take photos of as much of the OCS as possible and arrange them in an electronic document (MS Word, PDF, etc.). Measure all orifices, and include views of the weir, the bottom of the vault, and any trash racks and filter stones.

The document should also include the following information:

- Development information
 - Development name (i.e. business name, subdivision name)
 - Development permit number
 - Parcel number(s)
 - Property address
- The engineering firm’s contact information
 - Firm name
 - Firm address
 - Firm phone
 - Engineer’s name
 - Engineer’s email
- Any inconsistencies noted
 - Missing orifice caps
 - New/modified orifices that don’t match the as-built**, etc.

Once these documents are assembled, submit together to:

Attn: Stormwater Billing/Credits Unit
Department of Water Resources
684 Winder Highway
Lawrenceville, GA 30045-5012