

Fee Paid _____
Date Paid _____
Permit No. _____
Approval Date _____

Stormwater Permit Application (Unincorporated Granville and Person Counties, Town of Butner, and Town of Stem)

1. Project/Site Information

Project Name: _____

Project Address: _____ City/Town: _____

PIN#: _____ Township: _____

Latitude _____ Longitude: _____

Project description: _____

Total Site Area (ac.): _____ Total Disturbed Area (ac.): _____
(Entire Lot Area for New Developments or Disturbed Area for Redevelopments) (If less than 1 acre, provide square feet)

Watershed Classification: _____ Critical Area: _____ U or L Falls Lake Watershed _____
(WS-III, WS-IV, etc.) (Upper or Lower)

Subdivisions: Number of Lots _____ Lot Density _____ Max Density Allowed _____

Existing B.U.A. (s.f. or ac.): _____ B.U.A. Removed (s.f. or ac.): _____

Proposed B.U.A. (s.f. or ac.): _____ Future B.U.A (s.f. or ac.): _____

Total B.U.A. (s.f. or ac.): _____ % of Site Maximum BUA % Allowed _____
(Watershed Classification or Zoning)

Low or High Density Project _____ Maximum B.U.A. Allowed by SCM Design: _____
(High Density in WSW requires all BUA to be treated) (Based on the SCM design calculations)

2. Design Professional Information

Name: _____ NC License # _____

Company: _____

Company Address: _____

Office Phone: _____ Fax: _____ Email: _____

Design Professional Signature: _____ Date: _____

3. Owner/Developer Information

Owner Name: _____

Owner Company: _____

Owner Company Address: _____

Office Phone: _____ Fax: _____ Email: _____

Owner/Developer Signature: _____ Date: _____

4. The following is required if the single-family, duplex residential, or recreational development/redevelopment cumulatively disturbs more than one-half acre and is not part of a larger common plan of development or sale; or if the commercial, industrial, institutional, multifamily residential or local government development/redevelopment cumulatively disturbs more than 12,000 square feet and is not part of a larger common plan of development or sale. **(Complete section 4a or 4b, as applicable and section 4c)**

Note: All nutrient calculations shall be made using the latest edition of the Jordan/Falls Lake Stormwater Nutrient Load Accounting Tool found at: <http://portal.ncdenr.org/web/jordanlake/implementation-guidance-archive>.

a. Nutrient Calculations for Redevelopments

- Redevelopment is any development on previously-developed land. Redevelopment of structures or improvements that would replace or expand structures or improvements that existed as of December 2006, the end of the baseline period, and that **would not** result in a net increase in built-upon area shall not be required to meet the nutrient loading targets or high-density requirements except to the extent that the developer shall provide stormwater control at least equal to the previous development.
- Redevelopment is any development on previously-developed land. Redevelopment of structures or improvements that would replace or expand structures or improvements and **would** result in a net increase in built-upon area shall have the option of meeting one of the following loading standards for the entire project site: (Indicate the loading standard used by checking the box to the left)
 - Nitrogen and phosphorus loads contributed by the proposed development shall not exceed the following unit-area mass loading rates: 2.2 and 0.33 pounds per acre per year for nitrogen and phosphorus, respectively.
 - A reduction of 40 and 77 percent in average annual mass loads of nitrogen and phosphorus from the entire project site from a baseline of 2006.

Redevelopment Nutrient Calculation Summary (all calculations shall be in lbs/acre/year)

Existing Nitrogen Loading	_____	Proposed Nitrogen Loading	_____
Existing Phosphorus Loading	_____	Proposed Phosphorus Loading	_____
% Nitrogen Reduction Onsite:	_____	% Nitrogen Reduction Offsite	_____
% Phosphorus Reduction Onsite:	_____	% Phosphorus Reduction Offsite	_____

Nutrient Management SCM Required? _____

Type of Stormwater Control Measure Used? _____ (Bioretention, Wet Pond, Etc.)

b. Nutrient Calculations for New Developments

Nitrogen and phosphorus loads contributed by the proposed new development shall not exceed the following unit-area mass loading rates: 2.2 and 0.33 pounds per acre per year for nitrogen and phosphorus, respectively.

Existing Nitrogen Loading	_____	Proposed Nitrogen Loading	_____
Existing Phosphorus Loading	_____	Proposed Phosphorus Loading	_____
% Nitrogen Reduction Onsite:	_____	% Nitrogen Reduction Offsite	_____
% Phosphorus Reduction Onsite:	_____	% Phosphorus Reduction Offsite	_____

Nutrient Management Stormwater Control Measure Required? _____

Stormwater Control Measure Used? _____ (Bioretention, Wet Pond, Etc.)

d. Stormwater Plan requirements for all New Developments or Redevelopments:

- Plan size and scale shall be appropriate for the proposed parcel and development.
- Project owner and project designer contact information.
- Address of property, County Property Identification Number, and lot number from plat if applicable.
- Vicinity map.
- North Arrow.
- Bar scale.
- Legend identifying features shown on the plan or all improvements properly labeled.
- Property boundaries and adjacent intersecting property boundaries.
- Show ownership information for the proposed development site and all properties contiguous to the site.
- Label the existing land use all properties contiguous to the site. (residential, commercial, undeveloped, agricultural, etc.)
- Proposed limits of disturbance and label the area.
- Existing and proposed ground cover (existing woods, lawn, driveway, sidewalk, patio, deck, etc.)
- Note the existing BUA, demolished BUA, proposed BUA, future BUA, total BUA, total BUA as percentage of the total site and maximum allowed by watershed classification as applicable.
- Label the proposed BUA areas on the stormwater plan so they correspond to the areas used in the Nutrient calculations.
- Label the water-supply watershed classification (WS-III, WS-IV, etc.).
- Label if the site is in the upper or lower Falls Lake Basin.
- Show extents of all wetlands, if applicable. Make statement on plans if no wetlands are present on the property.
- If surface waters (intermittent, perennial, lakes, ponds, and estuaries) are present, show riparian stream buffers measured from the top of bank. (Zone 1: 30-foot Undisturbed Buffer and Zone 2: 20-foot Vegetated Buffer in accordance with 15A NCAC 02B.0233.
- Buffer Authorization approval from Division of Water Resources is required when a “no practical alternatives” determination, is required for any use that is designated as “(potentially) allowable” or “(potentially) allowable with mitigation” within the applicable buffer rule. [Click link to the Division of Water Resources 401 & Buffer Permitting Unit](#)
- Show floodways and floodplains (as applicable). Identify and label 100-year Base Flood Elevations (BFEs) where available. If a floodplain impacts are proposed, contact the Floodplain Administrator for additional requirements. If a floodplain exists and no impacts are proposed, then make a statement on the plans that no impacts to the existing floodplain are proposed along with the FIRM Panel Number and date. If no floodplain or floodway areas are located on the property, then make a statement on the plans that no floodplain is present on the property along with FIRM Panel Number and date.
- Existing and proposed site topography (use of aerial topographic information is acceptable if a SCM isn't required).

5. If Section 4 requires a Stormwater Control Measure (SCM), then the applicant shall provide the following:

a. Stormwater Plan and Details

- Benchmark information
- The Stormwater Plan and SCM must be designed for the ultimate built-out potential from all surfaces draining to the SCM, including any off-site drainage.
- Note the maximum BUA allowed by the SCM design.
- Provide soil names and hydrologic group classification.
- Provide name of the downstream stream receiving runoff from this proposed development. If the site drains to an unnamed tributary, then label as "Site drains to an unnamed tributary of "Named Creek".
- Note if site drains to a 303(d) listed stream identified by the North Carolina Division of Water Quality. (see NC DWQ Website for more information [Link to the North Carolina DWR 303d List Website](#))
- Existing and proposed site topography (field topographic survey by a registered land surveyor) showing existing and proposed drainage patterns. (Note: utilize a contour interval appropriate for the site conditions, typically 2-ft unless specific site conditions dictate a smaller or larger interval). LIDAR and other GIS topographic data should not be used for final engineering designs (NCBELS, 2009).
- Existing and proposed utilities.
- Existing, Proposed, and Temporary Easements.
- If project is located within five (5) miles of a public airport then see S.L. 2012-200, Part VI and Chapter 13 in the NCDENR's "Stormwater Best Management Practices Manual" (Design Manual).
- Provide a 15 foot wide Stormwater Control Structure and Access Easement from a public right-of-way to the SCM, over the entire SCM and extended 10 feet beyond the SCM, and a minimum of 20 feet wide over all of the stormwater runoff conveyances discharging into the SCM. Additional easement width may be required for deep stormwater pipes.
- Label proposed stormwater drainage system including but not limited to storm drainage inlets, catch basins, junction boxes, storm drainage pipes, natural vegetated conveyances, infiltration areas, swales, energy dissipaters, and/or structural stormwater SCMs/controls such as wet ponds, as may be applicable. A 10-year rainfall event shall be used in designing the stormwater conveyance systems unless a high storm event is required by other regulatory agencies.
- Details sufficient to ensure the proper construction of proposed permanent structural stormwater SCMs/controls, as applicable.
- NCAC 15A 2K .0201 (a) requires any person(s) who proposes to construct, repair, or remove a dam file a Hazard Classification prior to construction with the North Carolina Dam Safety Office. Provide a copy of a NCDENR Dam Hazard Classification exemption letter or a Dam Safety permit if required by NCDENR. See NCDENR Dam Safety Website [Link to the North Carolina Dam Safety Website](#)

- All SCMs that utilize a dam to impound runoff should consider the following:
 - Recommend the dam be designed in accordance with North Carolina Dam Safety standards. See NCAC 15A 2K .0201.
 - Recommend at a minimum, the spillway system be design to safely pass a 50-year storm event while providing 1-foot of freeboard from the top of dam.
 - Recommend the emergency spillway operate no more frequent than the 25-year storm event.
 - Recommend the dam incorporate seepage control protection via a diaphragm designed in accordance with “National Engineering Handbook” Chapter 45 and 26 or an anti-seepage collar in accordance with NRCS 378-1 North Carolina Supplement.
 - Recommend specifications for the dam embankment construction be included on the plans detailing the allowable soil classifications, compaction standards, construction methods, and testing requirements, etc.
 - Recommend a cut-off trench be considered under the centerline of the dam embankment.
 - Recommend all outlet structures include a bottom drain, trash guard and anti-vortex measures.
 - Recommend the outlet barrel have watertight joints and due to the difficulty of compacting soils under conduits; the Engineer should evaluate the need for a concrete cradle.
- Identify and show where runoff discharges from the proposed development site (including outflows from SCMs, where applicable) with appropriate connections into a downstream receiving municipal drainage system and/or drainage ways. Note that the point(s) of discharge from the proposed development site must not contribute to erosion or other degradation of the receiving municipal drainage system or drainage way.

- Design Certification of permanent Stormwater Control Measures, where applicable.

I, (Insert Name of the Licensed Design Professional), to the best of my knowledge, certify that the stormwater control measure(s) as shown on this plan has been designed in accordance with the requirements of the (Insert Name of Local Jurisdiction) and North Carolina Division of Water Quality Stormwater Best Management Practices Manual (latest edition), as applicable. I also certify that other applicable local, state, and federal permits have been applied for and/or received.

Signature of Licensed Professional _____

Seal

Date _____

- Provide the following note on the stormwater plan: “Annual maintenance inspection and report required – The owner of a permitted Stormwater Control Measure (SCM) shall annually submit a maintenance and inspection report for each SCM to the Stormwater Administrator. Annual inspections shall begin within one year of the as-built certification by the Engineer of Record”.
- Provide the following note on the stormwater plan: “The developer or his agent shall contact the “insert jurisdiction name here [choose from: Granville County, Person County, Town of Butner, Town of Creedmoor, Town of Stem]” when the stormwater control measure(s) are constructed and about to become operational so a final inspection can be performed to determine compliance with the approved plan”.

- Provide the following note on the stormwater plan: "Prior to a Certificate of Occupancy, the Engineer of Record shall certify that the stormwater control measures and conveyances were inspected and constructed in substantial conformance with the approved stormwater plans, has its full design volume and is operating as designed. The certification and as-built plan is required prior to final approval and certificate of occupancy.
- Provide the following note on the stormwater plan: "The project _____ [insert "is" or "is not"] within five (5) miles of a public airport".
- Provide copies of any applicable local, state, and federal permits/permits relating to stormwater or grading/filling. (Note: this would include Army Corps 404 and NCDENR DWQ 401 permits for work in regulated waters/wetlands, State Dam Safety permits, floodplain development permits, and FEMA No Rise/CLOMR as applicable)
- Sealed and certified plan set: All plan sheets shall be signed and sealed by a licensed professional engineer or landscape architect (to the extent allowed by applicable law).

b. Stormwater Control Measure Calculations

- Hydrologic and hydraulic calculations and procedures used to design the permanent structural stormwater SCMs/controls. Routing runoff through SCM's using Rational Method hydrographs will not be accepted. Routing using the SCS TR-20 methodology is acceptable.
- All SCMs shall be designed in accordance with the latest edition of NCDENR's "Stormwater Best Management Practices Manual" (Design Manual).
- The SCM shall take into account the runoff at the ultimate built-out potential from all surfaces draining to the SCM including any off-site drainage.
- Stormwater SCMs shall be designed to control and treat the runoff generated from all surfaces by one inch of rainfall. The treatment volume shall be drawn down pursuant to standards specific to each SCM as provided in the design manual.
- Hydrology and hydraulic calculations indicating the new development does not result in a net increase in peak flow leaving the site from predevelopment conditions for the one-year, 24-hour storm event.
- Hydrologic and hydraulic calculations with hydraulic grade line, drainage areas to each inlet identified, and construction details of the proposed stormwater conveyance systems. The runoff conveyance system shall be designed to convey runoff from the development from a 10-year rainfall event.
- Provide calculations indicating the stormwater SCM can safely pass larger storm events.
- Provide the following geotechnical documentation.
 - For wet detention ponds, bioretention cells, stormwater wetlands, infiltration devices, underground treatment devices (sand filters, etc.) and permeable pavements provide a seasonal high water table determination with elevations corresponding to the site survey.
 - Wet detention ponds and stormwater wetlands - Provide documentation indicating the suitability of the onsite soils to be used for the dam embankment and the soils located in the body of the pond have a minimum hydraulic conductivity of 1×10^{-5} cm/sec or specify a construction procedure/specification to ensure the pond will hold water or provide a specification for a liner should the onsite soils not meet the minimum infiltration rate.
- Calculations shall be permanently bound to prevent separation.

c. Operation and Maintenance Manual

- Prior to plan approval; provide a signed and notarized NCDENR Operation and Maintenance Manual.

The Operation & Maintenance Manual shall include the operation and maintenance actions that shall be taken, specific quantitative criteria used for determining when those actions shall be taken, and who is responsible for those actions. The plan must clearly indicate the steps that shall be taken and who shall be responsible for restoring the stormwater system to design specifications if a failure occurs and must include an acknowledgment by the responsible party.

d. Operation, Maintenance and Easement Agreement

- Prior to the conveyance or transfer of any lot or building site to be served by a engineered stormwater control pursuant to this ordinance, and prior to issuance of any permit for development if the lot or building site is required to be served by an engineered stormwater control pursuant to this ordinance, the applicant or owner of the site must (1) have prepared by a licensed surveyor a plat depicting the access to the SCM which plat shall be reviewed and approved by the jurisdiction prior to recording and which shall reference the Stormwater Covenants and Easement Agreement described below; and (2) execute a binding agreement prepared by the jurisdiction specifying the owner's and subsequent owners' installation and maintenance obligations, granting the jurisdiction a perpetual easement for inspections and other access, and containing such other requirements as may be required by law, rule, ordinance, or the underlying jurisdiction (the "Stormwater Covenants and Easement Agreement"). The Stormwater Covenants and Easement Agreement shall be binding on all subsequent owners of the site, portions of the site, and lots or parcels served by the engineered stormwater control. Until the transference of all property, sites, or lots served by the engineered stormwater control, the original owner or applicant shall have primary responsibility for carrying out the provisions of the Stormwater Covenants and Easement Agreement.

- The Stormwater Covenants and Easement Agreement shall require the owner or owners to maintain, repair and, if necessary, reconstruct the engineered stormwater control, and shall state the terms, conditions, and schedule of maintenance for the engineered stormwater control. In addition, it shall grant (name of local government) a right of entry in the event that the Stormwater Administrator has reason to believe it has become necessary to inspect, monitor, maintain, repair, or reconstruct the engineered stormwater control; however, in no case shall the right of entry, of itself, confer an obligation on (name of local government) to assume responsibility for the engineered stormwater control.

- The applicable Stormwater Covenants and Easement Agreement pertaining to every engineered stormwater control shall be approved by the stormwater administrator prior to issuance of any permit for development, shall be referenced on a plat depicting the engineered stormwater facility and access thereto or, if applicable, on a final subdivision plat, and shall be recorded with the county Register of Deeds so as to appear in the chain of title of all subsequent purchasers under generally accepted searching principles. In the case of a subdivision requiring final plat approval, a Stormwater Covenants and Easement Agreement may be approved without a recorded plat upon approval of the stormwater administrator so long as the Stormwater Covenants and Easement Agreement adequately describes the easement area and the description is replaced with a surveyed description upon final plat approval. The following disclosure statement shall appear on all plats and deeds recorded for property developed under the provisions of the ordinance:

- i. The Owner is responsible for maintaining the permanent engineered stormwater control labeled as the "Insert name of the SCM as it appears on plat." as directed by the government office having jurisdiction for watershed protection.
- ii. This property is located in a stormwater management protection area and/or public water supply watershed, development restrictions apply.
- iii. The Government office having jurisdiction for watershed protection and their assigns will have the right to access the stormwater control measure labeled as "Insert name of SCM as it appears on plat." for inspections and maintenance enforcement.

- Stormwater Covenants and Easement Agreement and Plat must be properly filed and recorded with the appropriate Register of Deeds prior to plan approval.
- See the local ordinance for special requirements if the entity owning and maintaining the SCM is a homeowners' association, property owners' association, or similar entity.

e. Performance Security for Installation and Maintenance

The local jurisdiction may, at its discretion, require prior to plan approval the submittal of a performance security or bond with surety, cash escrow, letter of credit or other acceptable legal arrangement prior to issuance of a permit in order to ensure that the engineered stormwater controls are (1) installed by the permit holder as required by the approved stormwater management plan, and/or (2) maintained by the owner as required by the Stormwater Covenants and Easement Agreement.

Installation

- Applicant shall submit an Engineer's estimate or Contractor's bid for review and approval. Once the amount is approved, the Applicant can proceed with obtaining the performance security from the Bank.
- The amount of an installation performance security shall be the total estimated construction cost of the SCMs and stormwater conveyances approved under the permit, plus 25%.

Maintenance

- The amount of a maintenance performance security shall be the present value of an annuity of perpetual duration based on a reasonable estimate of the annual cost of inspection, operation and maintenance of the SCMs approved under the permit, at a discount rate that reflects the jurisdiction's cost of borrowing minus a reasonable estimate of long-term inflation.

6. Developments that pursue Partial Offset of Nutrient Control Offsite

- All offset measures permitted shall meet the requirements of 15A NCAC 02B .0282 and 15A NCAC 02B .0240.
- Development subject to this division shall attain nitrogen and phosphorus loading rate reductions onsite that meet the following criteria prior to using an offsite offset measure:
 - 30 percent or more reduction in both nitrogen and phosphorus loading from the untreated conditions for any single-family, detached and duplex residential development disturbing one-half acre but less than one acre.
 - 50 percent or more reduction in both nitrogen and phosphorus loading from the untreated conditions for any single-family, detached and duplex residential development disturbing more than one acre.
 - 30 percent or more reduction in both nitrogen and phosphorus loading from the untreated condition for other development, including multi-family residential, commercial and industrial development disturbing 12,000 square feet but less than one acre.
 - 50 percent or more reduction in both nitrogen and phosphorus loading from the untreated condition for other development, including multi-family residential, commercial and industrial development disturbing more than one acre.
 - 30 percent or more reduction in both nitrogen and phosphorus loading from the untreated condition for proposed redevelopment activities in a designated downtown area that would replace or expand structures or improvements that existed as of December 2006.

- The Development can offset the required nutrient load either onsite or offsite or seek a third-party offset provider such as the NC Ecosystem Enhancement Program (EEP) or a private nutrient bank to meet nutrient loading requirements. If the third party provider option is pursued, then the developer provides the nutrient offset bank with the local government's authorization letter with the amount of offset required for the project and watershed in which it is located.
- Once the nutrient loading calculations are approved; submit the NCDENR Neuse, Tar-Pamlico, and Falls Lake Developer Nutrient Reporting Form to the local jurisdiction for approval and issuance of an authorization letter to the developer. The form can be downloaded from NCDENR at the following link <http://portal.ncdenr.org/web/wq/ps/nps/nutrientoffsetpayment>
- Prior to plan approval; provide the jurisdiction with a payment receipt from the Third Party Nutrient Bank.

7. The following is required prior to Final Stormwater Approval and prior to a Certificate of Occupancy

- Upon completion of a project, and before a certificate of occupancy shall be granted, the Engineer of Record shall certify that the completed project is in accordance with the approved stormwater management plans and designs, and shall submit actual "as built" plans for all stormwater management facilities or practices after final construction is completed.
- The as-built plans shall show the final design specifications for all stormwater management facilities and practices and the field location, size, depth, and planted vegetation of all measures, controls, and devices, as installed. The Engineer of Record for the stormwater management measures and plans shall certify, under seal, that the as-built stormwater measures, controls, and devices are in compliance with the approved stormwater management plans and designs and with the requirements of this ordinance. A final inspection and approval by the Stormwater Administrator shall occur before the release of any performance securities.
- Engineer's Construction Certification of the Stormwater SCM. Place this Certification on the Stormwater Management Plan and Stormwater Detail Sheet(s).

I, (Insert Name of the Licensed Design Professional), certify that the stormwater facility labeled as (Identify the Stormwater Facility) and conveyances discharging into the stormwater facility as shown on this plan were inspected during construction, were constructed in substantial conformance with the approved plans and specifications, has its full design volume, and is functioning as designed.

Signature of Licensed Professional _____ Seal

Date _____

- For infiltration type SCM's, copy of hydraulic conductivity test report of the in-situ media/soils (minimum of 3 tests or 1/1,000sf of filter media whichever is greater) of the constructed infiltration SCM.
- Final inspection of the site and stormwater management SCMs/controls scheduled with and completed by the Stormwater Administrator.

8. Stormwater Submittal Requirements:

- Contact the local Planning Department to confirm the process for payment of the Stormwater Review Fee, if any. In most cases, payment of stormwater permit fee is required prior to beginning review of the application.
- Stormwater Permit Application (All non-exempt projects are required to complete Sections 1-4. Complete Section 5 if a Stormwater SCM is required. Complete Section 6 if Partial Offsite Nutrient Control is proposed.)
- Submit one hardcopy to the local planning department and the stormwater review engineer: Mr. Kelway Howard, PE, Stimmel Associates, PA, 601 N. Trade Street, Suite 200, Winston-Salem, NC 27101.

9. The following items are required to be submitted and approved prior to the issuance of any permit for construction:

- A completed and signed stormwater application.
- Nutrient and Peak Flow calculation approval if a SCM isn't required.
- Stormwater Management Plan approval if a SCM if required.
- Operation and Maintenance Manual approval if a SCM is required.
- Receipt of payment of Partial Offsite Nutrient Control, if applicable.
- Construction and/or Maintenance Bond, if a SCM is required.
- Recorded Operation, Maintenance, and Easement Agreement with plat.
- NCDENR DMLR Dam Hazard Classification indicating an exemption or Dam Safety Permit, if applicable.
- NCDENR DWR Buffer Authorization Approval, if required.
- Floodplain Development Permit including FEMA No Rise or CLMOR approval, if applicable.
- Army Corps 404 and NCDENR DWQ 401 Water Quality Certification Permits, if applicable.
- Approval of any stormwater related variances, if applicable.

Change Log

Version 1.0 – 10/22/2013

- Original Document

Version 1.5 – 2/10/2015

- Reduced the number of hydraulic conductivity test reports required for final stormwater approval.
- Section #1, revised requested BUA categories, added the request for latitude and longitude of the project site.
- Revised % reduction onsite to include both N and P on the second page.
- Increased min width of stormwater control easement from 10 feet to 15 feet.
- All site stormwater conveyances used to convey runoff to the SCM's are required to be included in the construction performance surety.
- Require a Stormwater Control Structure and Access Easement over all conveyances discharging into the SCM.
- Payment of stormwater fee required prior to review of stormwater application in section 8.
- Require a hardcopy of the submittal.
- Revised the Construction Certification to comply with 15A NCAC 02H .1008(j).
- Revised the Operation and Maintenance required to comply with 15A NCAC 02H .1008(i).
- Added check if the project is within 5 miles of a public airport. S.L. 2012-200, Part VI
- Correct download link to nutrient accounting tool spreadsheet
- Require bound calculations.
- Change BMP term to SCM.
- Clarified minimum recommended spillway design requirements for SCMs that utilize a dam to impound runoff.
- Added a certification and as-built note for the stormwater plan.
- Clarify that stormwater plan shall contemplate the ultimate build-out of the proposed development.
- Other miscellaneous clarifications and application reorganization.