Beaufort County, North Carolina

Tar-Pamlico Stormwater Ordinance for New Development

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SECTION 1: GENERAL PROVISIONS

1-101. TITLE

This ordinance shall be officially known as "The Tar-Pamlico Watershed Stormwater Ordinance for New Development." It is referred to herein as "this ordinance".

1-102. CURRENT LOCAL ORDINANCE REPEALED

The Beaufort County "Stormwater Control Ordinance", which was adopted on November 1, 2004, is hereby repealed in its entirety and replaced with this Ordinance.

1-103. AUTHORITY

The Beaufort County Board of Commissioners is authorized to adopt this ordinance pursuant to North Carolina law, including but not limited to Article 14, Section 5 of the Constitution of North Carolina; North Carolina General Statutes Chapter 143-214.7 and rules promulgated by the Environmental Management Commission thereunder; Chapter 143-215.6A; Chapter 153A-454; Chapter 160A, Chapter 160D, §174, 185, and 459.

1-104. FINDINGS

It is hereby determined that:

Development alters the hydrologic response of local watersheds and increases *stormwater* runoff rates and volumes, flooding, soil erosion, stream channel erosion, nonpoint and point source pollution, and sediment transport and deposition, as well as reducing groundwater recharge.

These changes in *stormwater* runoff contribute to increased quantities of water-borne pollutants and alterations in hydrology that are harmful to public health and safety as well as to the natural environment; and

These effects can be managed and minimized by applying proper design and well-planned controls to manage *stormwater* runoff from *development* sites.

Further the *Commission* has identified the Tar-Pamlico Estuary, as *nutrient* sensitive waters; has identified all or a portion of the estuary as impaired waters under the Federal Clean Water Act due to exceedances of the chlorophyll as a standard; and has promulgated rules (the "Tar-Pamlico Watershed Rules") to reduce the average annual *loads* of *nitrogen* and *phosphorus* delivered to the estuary from all point and nonpoint sources of these *nutrients* located within its watershed, including *stormwater* from new development in this jurisdiction.

Therefore, the Beaufort County Board of Commissioners establishes this set of water quality and quantity regulations to meet the requirements of state and federal law regarding control of *stormwater* runoff and discharge for *development.*

1-105. PURPOSE

The purpose of this ordinance is to protect, maintain and enhance the public health, safety, environment and general welfare by establishing minimum requirements and procedures to control the adverse effects of *nitrogen* and *phosphorus* in *stormwater* runoff and nonpoint and point source pollution associated with new *development* in the watershed of the Tar-Pamlico Watershed estuary. It has been determined that proper management of construction-related and pot-*development stormwater* runoff will minimize damage to public and private property and infrastructure; safeguard the public health, safety, and general welfare; and protect water and aquatic resources.

This ordinance seeks to meet its general purpose through the following specific objectives and means:

(1) Establishing decision-making processes for *development* that protects the integrity of watersheds and preserve the health of water resources;

(2) Requiring that new *development* not exceed export targets for *nitrogen* and *phosphorus* in *stormwater* runoff for the watershed through site layout, *engineered stormwater controls,* or *permanent nutrient offset credits;*

(3) Establishing minimum post-*development stormwater* management standards and design criteria for the regulation and control of *stormwater* runoff quantity and quality;

(4) Establishing design and review criteria for the construction, function, and use of *engineered stormwater controls* that may be used to meet the minimum post-*development stormwater* management standards;

(5) Encouraging the use of better management and site design practices, such as the use of vegetated conveyances for *stormwater* and the preservation of greenspace, riparian buffers and other conservation areas to the maximum extent practicable;

(6) Establishing provisions for the long-term responsibility for and maintenance of *engineered stormwater controls* to ensure that they continue to function as designed, are maintained appropriately, and pose no threat to public safety;

(7) Establishing administrative procedures for the submission, review, approval and disapproval of *stormwater management plans*, for the inspection of approved *projects*, and to assure appropriate long-term maintenance;

(8) Controlling illicit discharges into the waters of the State; and

(9) Providing education and outreach to the public regarding methods to prevent and minimize pollution contributions to the waters of the State.

1-106. APPLICABLITY AND JURISDICTION

(A) General

Beginning with and subsequent to its effective date, this ordinance shall be applicable to all *development* and expansion of *development* throughout the territorial jurisdiction of Beaufort County within the Tar-Pamlico Watershed, including, but not limited to, *site plan* applications, subdivision applications, and grading applications, unless exempt pursuant to this ordinance.

(B) Exemptions

(1) Single family and duplex residential and related recreational *development* and expansion of *development* that disturbs less than one acre is exempt from the provisions of this ordinance.

(2) Commercial, industrial, institutional, multifamily residential or local government *development* that disturbs less than one half acre and does not expand existing structures on a *parcel* is exempt from the provisions of this ordinance.

(3) Commercial, industrial, institutional, multifamily residential or local government *development* that disturbs less than one half acre and expands existing structures on a *parcel*, but does not result in a cumulative built-upon area for the *parcel* exceeding twenty-four (24) percent is exempt from the provisions of this ordinance.

(4) *Development* that disturbs less than the above thresholds are not exempt if such activities are part of a *larger common plan of development or sale* and the larger common plan exceeds the relevant threshold, even though multiple, separate or distinct activities take place at different times on different schedules.

(5) *Development* of an individual single-family or duplex residential lot that is not part of a larger common plan of development or sale and does not result in greater than five (5) percent built-upon area on the lot is exempt from the provisions of this ordinance.

(6) *Existing development* or *redevelopment* is exempt from the provisions of this ordinance.

(7) Activities subject to requirements of the Tar-Pamlico Watershed Agriculture Rule, 15A NCAC 02B.0732 is exempt from the provisions of this ordinance

(8) *Development* or expansion of *development* with a vested right per the standards of NCGS 160D-108 is exempt from the provisions of this ordinance.

(9) *Development* or expansion of *development* for which the permit application was submitted prior the adoption of this ordinance is exempt from the provisions of this ordinance per the requirements of NCGS 143-755.

(C) No Development or Expansion Until Compliance and Permit

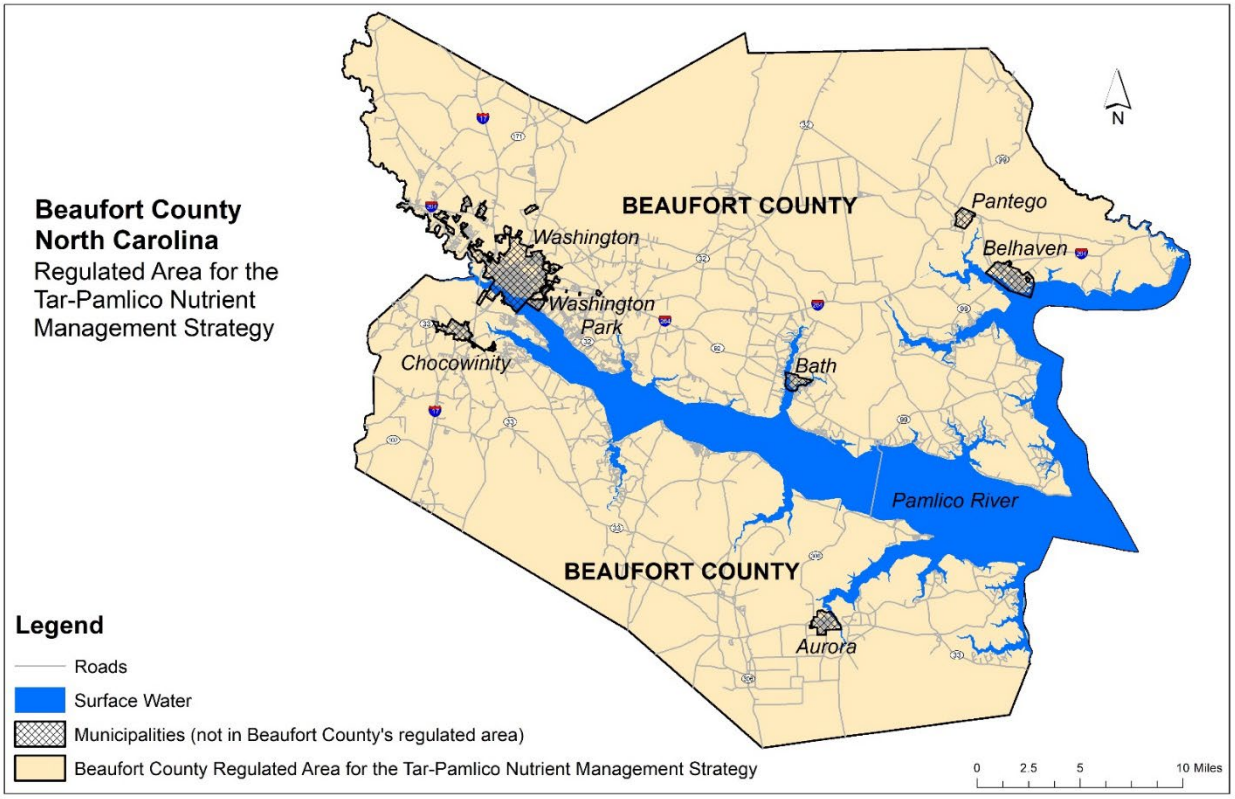
No *development* or expansion of *development* shall occur except in compliance with the provisions of this ordinance or unless exempted. No *development* or expansion of

development for which a permit is required pursuant to this ordinance shall occur except in compliance with the provisions, conditions, and limitations of the permit.

(D) Map

The provisions of this ordinance shall apply within the areas designated on the map titled "Tar-Pamlico Watershed Stormwater Map of Beaufort County Government, North Carolina" ("The Stormwater Map"), which is adopted simultaneously herewith. The Stormwater Map and all explanatory matter contained thereon accompanies and is herby made a part of this ordinance.

The Stormwater Map shall be kept on file by the Stormwater Administrator and shall be updated to take into account changes in the land area covered by this ordinance and the geographic location of all *engineered stormwater controls* permitted under this ordinance. In the event of a dispute, the applicability of this ordinance to a particular area of land or *engineered stormwater control* shall be determined by reference to the North Carolina Statutes, the North Carolina Administrative Code, and jurisdictional boundary ordinances.



1-107. INTERPRETATION

(A) Meaning and Intent

All provisions, terms, phrases and expressions contained in this ordinance shall be construed according to the general and specific purposes set forth in Section 105, Purpose. If a different or more specific meaning is given for a term defined elsewhere in Beaufort County's Code of Ordinances, the meaning and application of the term in this ordinance shall control for purposes of application of this ordinance.

(B) Text Controls in Event of Conflict

In the event of a conflict or inconsistency between the text of this ordinance and any heading, caption, figure, illustration, table, or map, the text shall control.

(C) Authority for Interpretation

The Stormwater Administrator has authority to determine the interpretation of this ordinance. Any *person* may request an interpretation by submitting a written request to the Stormwater Administrator, who shall respond in writing within 30 days. The Stormwater Administrator shall keep on file a record of all written interpretations of this ordinance.

(D) References to Statutes, Regulations and Documents

Whenever reference is made to a resolution, ordinance, statute, regulation, manual (including the *Design Manual*), or document, it shall be construed as a reference to the most recent edition of such that has been finalized and published with due provision for notice and comment, unless otherwise specifically stated.

(E) Computation of Time

The time in which an act is to be done shall be computed by excluding the first day and including the last day. If a deadline or required date of action falls on a Saturday, Sunday, or holiday observed by Beaufort County, the deadline or required date of action shall be the next day that is not a Saturday, Sunday, or holiday observed by Beaufort County. References to days are calendar days unless otherwise stated.

(F) Delegation of Authority

Any act authorized by this Ordinance to be carried out by the Stormwater Administrator of Beaufort County may be carried out by his or her designee.

(G) Usage

(1) Mandatory and Discretionary Terms

The words "shall", "must", and "will" are mandatory in nature, establishing an obligation or duty to comply with the particular provision. The words "may" and "should" are permissive in nature.

(2) Conjunctions

Unless the context clearly indicates the contrary, conjunctions shall be interpreted as follows: The word "and" indicates that all connected items, conditions, provisions and events apply. The word "or" indicates that one or more of the connected items, conditions, provisions or events apply.

(3) Tense, Plurals, and Gender

Words used in the present tense include the future tense. Words used in the singular number include the plural number and the plural number includes the singular number, unless the context of the particular usage clearly indicates otherwise. Words used in the masculine gender include the feminine gender, and vice versa.

(H) Measurement and Computation

Lot area refers to the amount of horizontal land area contained inside the lot lines of a lot or site.

1-108. DESIGN MANUAL

(A) Reference to Design Manual

The Stormwater Administrator shall use the policy, criteria, and information, including technical specifications and standards, in the *Design Manual* as the basis for decisions about stormwater permits and about the design, implementation and performance of *engineered stormwater controls* and other practices for compliance with this ordinance.

The *Design Manual* includes a list of acceptable *stormwater* treatment practices, including specific design criteria for each *stormwater* practice. Stormwater treatment practices that are designed, constructed, and maintained in accordance with these design and sizing criteria will be presumed to meet the minimum water quality performance standards of the Tar-Pamlico Watershed Rules.

(B) Relationship of Design Manual to Other Laws and Regulations

If the specifications or guidelines of the *Design Manual* are more restrictive or apply a higher standard than other laws or regulations, that fact shall not prevent application of the specifications or guidelines in the *Design Manual.*

(C) Changes to Standards and Specifications

If the standards, specifications, guidelines, policies, criteria, or other information in the *Design Manual* are amended subsequent to the submittal of an application for approval pursuant to this ordinance but prior to approval, the applicant shall have the choice of using the new *Design Manual* in reviewing the application and in implementing this ordinance with regard to the application, or using the old *Design Manual*.

1-109. RELATIONSHIP TO OTHER LAWS, REGULATIONS AND PRIVATE AGREEMENTS

(A) Conflict of Laws

This ordinance is not intended to modify or repeal any other ordinance, rule, regulation, or other provision of law. The requirements of this ordinance are in addition to the requirements of any other ordinance, rule, regulation, or other provision of law. Where any provision of this ordinance imposes restrictions different from those imposed by any other ordinance, rule, regulation, or other provision of law, whichever provision is more restrictive or imposes higher protective standards for human or environmental health, safety, and welfare shall control.

(B) Private Agreements

This ordinance is not intended to revoke or repeal any easement, covenant, or other private agreement. However, where the regulations of this ordinance are more restrictive or impose higher standards or requirements than such an easement, covenant, or other private agreement, the requirements of this ordinance shall govern. Nothing in this ordinance shall modify or repeal any private covenant or deed restriction, but such covenant or restriction shall not legitimize any failure to comply with this ordinance. In no case shall Beaufort County be obligated to enforce the provisions of any easements, covenants, or agreements between private parties.

1-110. SEVERABILITY

If the provisions of any section, subsection, paragraph, subdivision, or clause of this ordinance shall be adjudged invalid by a court of competent jurisdiction, such judgment shall not affect or invalidate the remainder of any section, subsection, paragraph, subdivision, or clause of this ordinance.

1-111. EFFECTIVE DATE AND TRANSITIONAL PROVISIONS

(A) Effective Date

This Ordinance shall take effect on July 1, 2024.

(B) Final Approvals, Complete Applications

All *development* and expansion of *development projects* for which complete and full applications were submitted to Beaufort County prior to the effective date of this ordinance may be exempted from complying with all provisions of this ordinance dealing with the control and/or management of stormwater by the choice of the developer.

(C) Violations Continue

Any violation of provisions existing on the effective date of this ordinance shall continue to be a violation under this ordinance and be subject to penalties and enforcement under this ordinance unless the use, *development*, construction, or other activity complies with the provisions of this ordinance.

SECTION 2: ADMISTRATION AND PROCEDURES

2-201. REVIEW AND DECISION-MAKING ENTITIES

(A) Stormwater Administrator

(1) Designation

A Stormwater Administrator shall be designated by the Beaufort County Board of Commissioners to administer and enforce this ordinance.

(2) Powers and Duties

In addition to the powers and duties that may be conferred by other provisions of the Beaufort County Code of Ordinances and other laws, the Stormwater Administrator shall have the following powers and duties under this ordinance:

a. To review and approve, approve with conditions, or disapprove applications for approval of plans pursuant to this ordinance.

b. To make determinations and render interpretations of this ordinance.

c. To establish application requirements and schedules for submittal and review of applications and appeals, to review and make recommendations to the Beaufort County Board of Commissioners on applications for *development* or expansion of *development* approvals.

d. To enforce the provisions of this ordinance in accordance with its enforcement provisions.

e. To maintain records, maps, forms and other official materials as relate to the adoption, amendment, enforcement, and administration of this ordinance.

f. To provide expertise and technical assistance to the Beaufort County Board of Commissioners, upon request.

g. To designate appropriate other *person(s)* who shall carry out the powers and duties of the Stormwater Administrator.

h. To take any other action necessary to administer the provisions of this ordinance.

2-202. REVIEW PROCEDURES

(A) Permit Required; Must Apply for Permit

A stormwater permit is required for all *development* and expansion of *development* unless exempt pursuant to this ordinance. A permit may only be issued subsequent to a properly submitted and reviewed permit application, pursuant to this section.

(B) Effect of Permit

A stormwater permit shall govern the design, installation, and construction of stormwater management and control practices on the site, including *engineered stormwater controls* and elements of site design for stormwater management other than *engineered stormwater controls.*

(C) Authority to File Applications

All applications required pursuant to this Code shall be submitted to the Stormwater Administrator by the land owner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An easement holder may also apply for development approval for such development as is authorized by the easement.

(D) Establishment of Application Requirements, Schedule, and Fees

(1) Application Contents and Form

The Stormwater Administrator shall establish requirements for the content and form of all applications and shall amend and update those requirements from time to time. At a minimum, the stormwater permit application shall describe in detail how post-*development* stormwater runoff will be controlled and managed, the design of all *engineered stormwater controls,* and how the proposed *project* will meet the requirements of this ordinance.

(2) Submission Schedule

The Stormwater Administrator shall establish a submission schedule for applications. The schedule shall establish deadlines by which complete applications must be submitted for the purpose of ensuring that there is adequate time to review applications, and that the various stages in the review process are accommodated.

(3) Permit Review Fees

The Beaufort County Board of Commissioners shall establish permit review fees as well as policies regarding refund of any fees upon withdrawal of an application, and may amend and update the fees and policies from time to time.

(4) Administrative Manual

For applications required under this Code, the Stormwater Administrator shall compile the application requirements, submission schedule, fee schedule, a copy of this ordinance, and information on how and where to obtain the *Design Manual* in an Administrative Manual, which shall be made available to the public.

(E) Submittal of Complete Application

Applications shall be submitted to the Stormwater Administrator pursuant to the application submittal schedule in the form established by the Stormwater Administrator, along with the appropriate fee established pursuant to this section.

An application shall be considered as timely submitted only when it contains all elements of a complete application pursuant to this ordinance, along with the appropriate fee. If the Stormwater Administrator finds that an application is incomplete, the applicant shall be notified of the deficient elements and shall be provided with an opportunity to submit a complete application. However, the submittal of an incomplete application shall not suffice to meet a deadline contained in the submission schedule established above.

(F) Review

(1) Approval

If the Stormwater Administrator finds that the application complies with the standards of this ordinance, the Stormwater Administrator shall approve the application. The Stormwater Administrator may impose conditions of approval as needed to ensure compliance with this ordinance. The conditions shall be included as part of the approval.

(2) Fails to Comply

If the Stormwater Administrator finds that the application fails to comply with the standards of this ordinance, the Stormwater Administrator shall notify the applicant and shall indicate how the application fails to comply. The applicant shall have an opportunity to submit a revised application.

2-203. APPLICATIONS FOR APPROVAL

(A) Stormwater Management Permit Application

The stormwater management permit application shall detail how post-*development* stormwater runoff will be controlled and managed and how the proposed *project* will meet the requirements of this ordinance, including Section 3, Standards. All such plans shall be prepared by a qualified registered North Carolina professional engineer, surveyor, soil scientist or landscape architect, and the engineer, surveyor, soil scientist or landscape architect shall perform services only in their area of competence, and shall verify that the design of all stormwater management facilities and practices meets the submittal requirements for complete application, that the designs and plans are sufficient to comply with applicable standards and policies found in the *Design Manual*, and that the designs and plans ensure compliance with this ordinance.

The submittal shall include all of the information required in the submittal checklist established by the Stormwater Administrator. Incomplete submittals shall be treated pursuant to Section 2-202(D).

(B) As-Built Plans and Final Approval

Upon completion of a *project*, and before a certificate of occupancy shall be granted, the applicant 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 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 designer of 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.

(C) Other Permits

No certificate of compliance or occupancy shall be issued by the Beaufort County Building Inspections Department without final as-built plans and a final inspection and approval by the Stormwater Administrator, except where multiple units are served by the stormwater practices or facilities, in which case the Beaufort County Building Inspections Department may elect to withhold a percentage of permits or certificates of occupancy until as-built plans are submitted and final inspection and approval has occurred.

2-204. APPROVALS

(A) Effect of Approval

Approval authorizes the applicant to go forward with only the specific plans and activities authorized in the permit. No deviations from the terms of the application or the approval shall be made until written approval of proposed changes or deviations has been obtained through permit revision and review. The approval shall not be construed to exempt the applicant from obtaining other applicable approvals from local, state, and federal authorities.

(B) Time Limit/Expiration

An approved plan shall become null and void if the applicant fails to make *substantial progress* on the site within one year after the date of approval. The Stormwater Administrator may grant a single, one-year extension of this time limit, for good cause shown, upon receiving a written request from the applicant before the expiration of the approved plan.

In granting an extension, the Stormwater Administrator may require compliance with standards adopted since the original application was submitted unless there has been substantial reliance on the original permit and the change in standards would infringe the applicant's vested rights.

2-205. APPEALS

(A) Right of Appeal

Except as provided in NCGS 160D-1403.1, any aggrieved *person* affected by any decision, order, requirement, or determination relating to the interpretation or application of this ordinance made by the Stormwater Administrator, may file an appeal to the Beaufort County Board of Commissioners within 30 days from receipt of the notice of a determination. Appeals of variance

requests shall be made as provided in the section on Variances. In the case of requests for review of proposed civil penalties for violations of this ordinance, the Beaufort County Board of Commissioners shall make a final decision on the request for review within 90 days of receipt of the date the request for review is filed.

(B) Filing of Appeal and Procedures.

Appeals shall be taken within the specified time period by filing a notice of appeal and specifying the grounds for appeal on forms provided by Beaufort County. The Stormwater Administrator shall transmit to the Beaufort County Board of Commissioners all documents constituting the record on which the decision appealed from was taken. The Stormwater Administrator shall also provide a copy of the record to the appellant and to the owner of the property that is the subject of the appeal if the appellant is not the owner.

The hearing conducted by the Beaufort County Board of Commissioners shall be conducted in the nature of a quasi-judicial proceeding as provided in NCGS 160D-406 with all findings of fact supported by competent, material evidence.

(C) Review by Superior Court

Every decision of the Beaufort County Board of Commissioners shall be subject to Superior Court review by proceedings in the nature of certiorari. Petition for review by the Superior Court shall be filed with the Clerk of Superior Court within thirty (30) days after the latter of the following:

(1) The decision of the Beaufort County Board of Commissioners is filed; or

(2) A written copy of the decision is delivered to every aggrieved party who has filed a written request for such copy with the Clerk to the Beaufort County Board of Commissioners at the time of its hearing of the case.

SECTION 3: STANDARDS

3-301. GENERAL STANDARDS

All *projects* to which this ordinance applies shall comply with the standards of this section. The approval of the stormwater permit shall require an enforceable restriction on property usage that runs with the land, such as a recorded deed restriction or protective covenants, to ensure that future *development* and expansion of *development* maintains the site consistent with the approved *project* plans.

3-302. NITROGEN AND PHOSPHORUS LOADING RATE TARGETS

(A) The *project* shall meet either a *nitrogen* stormwater *loading rate target* of 4.0 pounds per acre per year (lb/ac/yr) and a *phosphorus* stormwater *loading rate target* of 0.8 lb/ac/yr, or meet "runoff volume match" as defined in 15 NCAC 02H.1002.

(B) The *project* area used for *nutrient* calculation and stormwater requirements includes the site area less any *existing built-upon area.* The *project* density used for determining stormwater requirements is the amount of *built-upon area* subject to this ordinance at *project* completion divided by the *project* area.

(C) The *developer* shall determine the *nitrogen* and *phosphorus* load and loading rate generated from the *project* area without *engineered stormwater controls* and determine the needed *nitrogen* or *phosphorus* load reduction to meet nutrient targets by using the *approved accounting tool.*

3-303. NITROGEN AND PHOSPHORUS STANDARD IS SUPPLEMENTAL

The *nitrogen* and *phosphorus* loading standards in this ordinance are supplemental to, not replacements for, stormwater standards otherwise required by federal, state or local law, including without limitation any riparian buffer requirements applicable to the location of the *development.* This includes, without limitation, the riparian buffer protection requirements of 15A NCAC 02B.0734 and .0295.

3-304. CONTROL AND TREATMENT OF RUNOFF VOLUME

(A) All projects shall meet the stormwater system design requirements set forth in 15A NCAC 02H.1003. Projects shall use a project density threshold of greater than twenty-four (>24%) percent built-upon area, whereupon high-density stormwater design is required. All *engineered stormwater controls* will meet the standards set in the Design Manual and the State's Minimum Design Criteria, 15A NCAC 02H.1050 through .1062.

(B) Where high-density stormwater design is required, stormwater systems shall meet the standards set forth in 15A NCAC 02H,1003(3) and be designed to control and treat the volume of runoff generated form all built-upon area by one inch of rainfall or equivalent runoff volume in one or more Primary SCMs. These projects may utilize offsite Primary SCMs dedicated to treating an area encompassing the project.

(C) Where high-density stormwater design is not required, stormwater systems shall meet the low-density stormwater design standards set forth in 15A NCAC 02H.1003(2).

3-305. METHODS TO MEET NUTRIENT CONTROL REQUIREMENTS

Projects subject to this ordinance shall meet *nitrogen* and *phosphorus* loading targets through a combination of the following methods:

(A) *Projects* may reduce export of *nitrogen* or *phosphorus* through any combination of *engineered stormwater controls* treating runoff on the site, in an approved offsite regional *engineered stormwater control,* or through the acquisition of *permanent nutrient offset credits.* The *developer* shall calculate the *nitrogen* and *phosphorus* reduction provided by these controls using the approved *accounting tool.*

(B) Proposed development undertaken by a local government solely as a public road expansion or public sidewalk project, or proposed development subject to the jurisdiction of the Surface Transportation Board, may meet *nitrogen* and *phosphorus* reduction needs for the *project* entirely through the use of *permanent nutrient offset credits* pursuant to the Nutrient Offset Credit Trading Rule, 15A NCAC 02B.0703.

3-306. USE OF PERMANENT NUTRIENT OFFSET CREDITS

(A) Sufficient *permanent nutrient offset credits* to meet *project* nutrient reduction needs not provided by *engineered stormwater controls* serving the *project* shall be acquired prior to approval of the development plan. The Stormwater Administrator shall issue an approval letter for the *development* that document the needed nitrogen or phosphorus credits and where the development is located relative to the Tar-Pamlico Watershed Rules' geographic requirements. All *permanent nutrient offset credits* permitted by this ordinance shall meet the requirements of 15A NCAC 02B.0703.

(B) *Permanent nutrient offset credits* shall be acquired pursuant to NCGS 143-214.26 and 15A NCAC 02B.0703 prior to the start of construction of the project.

(C) A *developer* subject to this ordinance may acquire *permanent nutrient offset credits* through one of the following methods:

(1) Through a private nutrient bank;

(2) Through offsite offset provided by the *developer* and approved by Beaufort County;

(3) Through payment into the Riparian Buffer Restoration Fund established in NCGS 143-214.21.

(D) Excess *permanent nutrient offset credits* acquired beyond what is required for the *development* may not be applied to any other *development.*

3-307. EVALUATION OF STANDARDS FOR STORMWATER CONTROL MEASURES

(A) Evaluation According to Contents of Design Manual

All *engineered stormwater controls* and *stormwater systems* required under this ordinance shall be evaluated by the Stormwater Administrator according to the policies, criteria, and information, including technical specifications and standards and the specific design criteria for each stormwater practice in the *Design Manual*. The Stormwater Administrator shall determine whether proposed *engineered stormwater controls* will be adequate to meet the requirements of this ordinance.

(B) Determination of Adequacy; Presumptions and Alternatives

Engineered stormwater controls that are designed, constructed, and maintained in accordance with the criteria and specifications in the *Design Manual* will be presumed to meet the minimum water quality and quantity performance standards of this ordinance. Whenever an applicant proposes to utilize a practice or practices not designed and constructed in accordance with the criteria and specifications in the *Design Manual*, the applicant shall have the burden of demonstrating that the practice(s) will satisfy the minimum water quality and quantity performance standards of this ordinance. The Stormwater Administrator may require the applicant to provide the documentation, calculations, and examples necessary for the Stormwater Administrator to determine whether such an affirmative showing is made.

3-308. VARIANCES

(A) Any *person* may petition Beaufort County for a variance granting permission to use the *person's* land in a manner otherwise prohibited by this ordinance. For all proposed variances from the requirements of this ordinance, the Beaufort County Board of Commissioners shall make findings of fact in accordance with the quasi-judicial procedures of NCGS 160D-406 showing that:

(1) There are practical difficulties or unnecessary hardships that prevent compliance with the strict letter of the ordinance;

(2) The variance is in harmony with the general purpose and intent of the local watershed protection ordinance and preserves its spirit; and

(3) In granting the variance, the project will ensure equal or better protection of waters of the State than the requirements of 15A NCAC 02B.0711 (Tar-Pamlico Stormwater Rule) and that the public safety and welfare have been assured and substantial justice has been done.

(B) If Beaufort County decides in favor of granting the variance, the Beaufort County Board of Commissioners shall then prepare a preliminary record of the hearing and submit it to the *Commission* for review and approval. If the *Commission* approves the variance or approves with conditions or stipulations added, then the *Commission* shall prepare a *Commission* decision which authorizes Beaufort County to issue a final decision which would include any conditions or stipulations added by the *Commission.* If the *Commission* denies the variance, then the

Commission shall prepare a decision to be sent to Beaufort County. Beaufort County shall prepare a final decision denying the variance.

(C) Appeals from the local government decision on a variance request are made on certiorari to the local Superior Court. Appeals from the *Commission* decision on a variance request are made on judicial review to Superior Court.

SECTION 4: MAINTENANCE

4-401. GENERAL STANDARDS FOR MAINTENANCE

(A) Function of Engineered Stormwater Controls as Intended

The *owner* of each *engineered stormwater control* installed pursuant to this ordinance shall ensure adequate maintenance and operate it so as to preserve and continue its function in controlling stormwater quality and quantity at the degree or amount of function for which the *engineered stormwater control* was designed.

(B) Annual Maintenance Inspection and Report

The *person* responsible for maintenance of any *engineered stormwater control* installed pursuant to this ordinance shall submit to the Stormwater Administrator an inspection report from a qualified professional certified by the North Carolina Cooperative Extension Service for stormwater treatment practice inspection and maintenance. The inspection report shall contain all of the following:

(1) The name and address of the land *owner*;

(2) The recorded book and page number of the lot of each *engineered stormwater control*;

(3) A statement that an inspection was made of all *engineered stormwater controls*;

(4) The date the inspection was made;

(5) A statement that all inspected *engineered stormwater controls* are performing properly and are in compliance with the terms and conditions of the approved maintenance agreement required by this ordinance; and

(6) The original signature and seal of the engineer, surveyor, or landscape architect.

All inspection reports shall be on forms supplied by the Stormwater Administrator. An original inspection report shall be provided to the Stormwater Administrator beginning one year from the date of as-built certification and each year thereafter on or before the date of the as-built certification.

4-402. OPERATION AND MAINTENANCE OF ENGINEERED STORMWATER CONTROLS

(A) Operation and Maintenance Plan

There shall be an Operation and Maintenance Plan (O&M Plan) for every *engineered stormwater control*. The O&M Plan shall specify all operation and maintenance work necessary for the function of all *engineered stormwater control* components, including the stormwater conveyance system, perimeter of the device, inlet(s), pretreatment measures, main treatment area, outlet, vegetation, and discharge point.

The O&M Plan shall require the *owner* to maintain, repair and, if necessary, reconstruct the *engineered stormwater controls*, and shall state the terms, conditions, and schedule of

maintenance for the *engineered stormwater controls*. The O&M Plan shall specify methods to be used to maintain or restore the *engineered stormwater controls* to design specifications in the event of failure.

The O&M Plan shall be signed by the *owner* and notarized. The *owner* shall keep maintenance records and these shall be available upon request by the Stormwater Administrator.

(B) Operation and Maintenance Agreement

Prior to the conveyance or transfer of any lot or building site to be served by *engineered stormwater controls* pursuant to this ordinance, and prior to issuance of any permit for *development* requiring *engineered stormwater controls* pursuant to this ordinance, the applicant or *owner* of the site must enter into an Operation and Maintenance Agreement (O&M Agreement) with the Stormwater Administrator. The O&M Agreement shall require the applicant or *owner* to maintain, repair, or reconstruct the *engineered stormwater controls* in accordance with the approved design plans and the Operation and Maintenance Plan. The O&M 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*, the original *owner* or applicant shall have primary responsibility for carrying out the provisions of the O&M Agreement.

The O&M Agreement shall grant to Beaufort County 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 Beaufort County to assume responsibility for the *engineered stormwater controls*.

The O&M Agreement must be approved by the Stormwater Administrator prior to development plan approval, and it shall be referenced on the final plat and shall e recorded with the county Register of Deeds upon final plat approval. A copy of the recorded O&M Agreement shall be given to the Stormwater Administrator within fourteen (14) days following its recordation.

(C) Special Requirement for Homeowners' and Other Associations

For all *engineered stormwater controls* required pursuant to this ordinance and that are to be or are owned and maintained by a homeowners' association, property owners' association, or similar entity, the required O&M Agreement shall include all of the following provisions:

(1) Acknowledgement that the association shall continuously operate and maintain the *engineered stormwater controls* according to the specifications laid out in the Operations and Maintenance Plan.

(2) Establishment of an escrow account, which can be spent solely for sediment removal, structural, biological or vegetative replacement, major repair, or reconstruction of the *engineered stormwater controls.* If *engineered stormwater controls* are not performing adequately or as intended or are not properly maintained, Beaufort County, in its sole discretion, may remedy the situation, and in such instances Beaufort County shall be fully reimbursed from the escrow account. Escrowed funds may be spent by the association for sediment removal, structural, biological or vegetative replacement, major repair, and

reconstruction of the *engineered stormwater controls*, provided that Beaufort County shall first consent to the expenditure.

(3) Both *developer* contribution and annual sinking funds shall fund the escrow account. Prior to plat recordation or issuance of construction permits, whichever shall first occur, the *developer* shall pay into the escrow account an amount equal to fifteen (15) percent of the initial construction cost of the *engineered stormwater controls*. Two-thirds (2/3) of the total amount of sinking fund budget shall be deposited into the escrow account within the first five (5) years and the full amount shall be deposited within ten (10) years following initial construction of the *engineered stormwater controls.* Funds shall be deposited each year into the escrow account. A portion of the annual assessments of the association shall include an allocation into the escrow account. Any funds drawn down from the escrow account shall be replaced in accordance with the schedule of anticipated work used to create the sinking fund budget.

(4) The percent of *developer* contribution and lengths of time to fund the escrow account may be varied by Beaufort County depending on the design and materials of the *engineered stormwater controls*.

(5) Granting to Beaufort County a right of entry to inspect, monitor, maintain, repair, and reconstruct *engineered stormwater controls*.

(6) Allowing Beaufort County to recover from the association and its members any and all costs Beaufort County expends to maintain or repair the *engineered stormwater controls* or to correct any operational deficiencies. Failure to pay Beaufort County all of its expended costs, after forty-five (45) days written notice, shall constitute a breach of the agreement. In case of a deficiency, Beaufort County shall thereafter be entitled to bring an action against the association and its members to pay, or foreclose upon the lien hereby authorized by the agreement against the property, or both. Interest, collection costs, and attorney fees shall be added to the recovery.

(7) A statement that this agreement shall not obligate Beaufort County to maintain or repair any *engineered stormwater controls*, and Beaufort County shall not be liable to any *person* for the condition or operation of *engineered stormwater controls*.

(8) A statement that this agreement shall not in any way diminish, limit or restrict the right of Beaufort County to enforce any of its ordinances as authorized by law.

(9) A provision indemnifying and holding harmless Beaufort County for any costs and injuries arising rom or related to the *engineered stormwater controls*, unless Beaufort County has agreed in writing to assume the maintenance responsibility for the *engineered stormwater controls* and has accepted dedication of any and all rights necessary to carry out that maintenance.

4-403. INSPECTION PROGRAM

Inspections and inspection programs by Beaufort County may be conducted or established on any reasonable basis, including but not limited to routine inspections; random inspections;

inspections based upon complaints or other notice of possible violations; and joint inspections with other agencies inspecting under environmental or safety laws. Inspections may include, but are not limited to, reviewing maintenance and repair records; sampling discharges, surface water, groundwater, and material or water in the *engineered stormwater controls*; and evaluating the condition of *engineered stormwater controls*.

If the *owner* or occupant of any property refuses to permit such inspection, the Stormwater Administrator shall proceed to obtain an administrative search warrant pursuant to NCGS 15-27.2 or its successor. No *person* shall obstruct, hamper or interfere with the Stormwater Administrator while carrying out his or her official duties.

4-404. NOTICE TO OWNERS

(A) Deed Recordation and Indications on Plat

The applicable Operations and Maintenance Agreement pertaining to every *engineered stormwater control* shall be referenced on the final plat and shall be recorded with the county Register of Deeds upon final plat approval. If no *subdivision* plat is recorded for the site, then the Operations and Maintenance Agreement 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.

4-405. RECORDS OF INSTALLATION AND MAINTENANCE ACTIVITIES

The *owner* of each *engineered stormwater control* shall keep records of inspections, maintenance, and repairs for at least five years from the date of creation of the record and shall submit the same upon reasonable request to the Stormwater Administrator.

4-406. NUISANCE

The *owner* of each stormwater control, whether *engineered stormwater control* or non-engineered stormwater control, shall maintain it so as not to create or result in a nuisance condition.

SECTION 5: ENFORCEMENT AND VIOLATIONS

5-501. GENERAL

(A) Authority to Enforce

The provisions of this ordinance shall be enforced by the Stormwater Administrator, his or her designee, or any authorized agent of Beaufort County. Whenever this section refers to the Stormwater Administrator, it includes his or her designee as well as any authorized agent of Beaufort County.

(B) Violation Unlawful

Any failure to comply with an applicable requirement, prohibition, standard, or limitation imposed by this ordinance, or the terms or conditions of any permit or other *development approval* or authorization granted pursuant to this ordinance, is unlawful and shall constitute a violation of this ordinance.

(C) Each Day a Separate Offense

Each day that a violation continues shall constitute a separate and distinct violation or offense.

(D) Responsible Persons/Entities

Any *person* who erects, constructs, reconstructs, alters (whether actively or passively), or fails to erect, construct, reconstruct, alter, repair or maintain any structure, SCM, *engineered stormwater control*, practice, or condition in violation of this ordinance shall be subject to the remedies, penalties, and/or enforcement actions in accordance with this section. *Persons* subject to the remedies and penalties set forth herein may include any architect, engineer, builder, contractor, *developer*, agency, or any other *person* who participates in, assists, directs, creates, causes, or maintains a condition that results in or constitutes a violation of this ordinance, or fails to take appropriate action, so that a violation of this ordinance results or persists; or an *owner*, any tenant or occupant, or any other *person*, who has control over, or responsibility for, the use or *development* of the property on which the violation occurs.

For the purposes of this article, responsible *person*(s) shall include but not be limited to:

(1) Person Maintaining Condition Resulting In or Constituting Violation

An architect, engineer, builder, contractor, *developer*, agency, or any other *person* who participates in, assists, directs, creates, causes, or maintains a condition that constitutes a violation of this ordinance, or fails to take appropriate action, so that a violation of this ordinance results or persists.

(2) Responsibility For Land or Use of Land

The *owner* of the land on which the violation occurs, any tenant or occupant of the property, any *person* who is responsible for stormwater controls or practices pursuant to a

private agreement or public document, or any *person*, who has control over, or responsibility for, the use or *development* of the property.

5-502. REMEDIES AND PENALTIES

The remedies and penalties provided for violations of this ordinance, whether civil or criminal, shall be cumulative and in addition to any other remedy provided by law, and may be exercised in any order.

(A) Remedies

(1) Withholding of Certificate of Occupancy

The Stormwater Administrator or other authorized agent may refuse to issue a certificate of occupancy for the building or other improvements constructed or being constructed on the site and served by the stormwater practices in question until the applicant or other responsible *person* has taken the remedial measures set forth in the notice of violation or has otherwise cured the violations described therein.

(2) Disapproval of Subsequent Permits and Development Approvals

As long as a violation of this ordinance continues and remains uncorrected, the Stormwater Administrator or other authorized agent may withhold, and the Beaufort County Board of Commissioners and/or the Beaufort County Planning Board, as applicable, may disapprove, any request for permit or *development approval* or authorization provided for by this ordinance, or the *subdivision* and/or building regulations, as appropriate for the land on which the violation occurs.

(3) Injunction, Abatements, etc.

The Stormwater Administrator, with the written authorization of the County Manager, may institute an action in a court of competent jurisdiction for a mandatory or prohibitory injunction and order of abatement to correct a violation of this ordinance. Any *person* violating this ordinance shall be subject to the full range of equitable remedies provided in the General Statutes or at common law.

(4) Correction as Public Health Nuisance, Costs as Lien, etc.

If the violation is deemed dangerous or prejudicial to the public health or public safety and is within the geographic limits prescribed by NCGS 160A-193, the Stormwater Administrator, with the written authorization of the County Manager, may cause the violation to be corrected and the costs to be assessed as a lien against the property.

(B) Civil Penalties

The Stormwater Administrator may assess a civil penalty against any *person* who violates any provision of this ordinance or of a permit or other requirement pursuant to this ordinance. Civil penalties may be assessed up to the full amount of penalty authorized by NCGS 143-215.6A.

(C) Criminal Penalties

Violation of this ordinance may be enforced as a criminal matter under North Carolina law.

5-503. PROCEDURES

(A) Initiation/Complaint

Whenever a violation of this ordinance occurs, or is alleged to have occurred, any *person* may file a written complaint. Such complaint shall state fully the alleged violation and the basis thereof, and shall be filed with the Stormwater Administrator, who shall record the complaint. The complaint shall be investigated promptly by the Stormwater Administrator.

(B) Inspection

The Stormwater Administrator shall have the authority, upon presentation of proper credentials, to enter and inspect any land, building, structure, or premises to ensure compliance with this ordinance.

(C) Notice of Violation and Order to Correct

When the Stormwater Administrator finds that any building, structure, or land is in violation of this ordinance, the Stormwater Administrator shall notify, in writing, the property *owner* and the holder of the development permit or other *person* violating this ordinance. The notification shall indicate the nature of the violation, contain the address or other description of the site upon which the violation is occurring, order he necessary action to abate the violation, and give a deadline for correcting the violation. If civil penalties are to be assessed, the notice of violation shall also contain a statement of the civil penalties to be assessed, the time of their accrual, and the time within which they must be paid or be subject to collection as a debt.

The Stormwater Administrator may deliver a notice of violation and correction order by any means authorized for the service of documents by Rule 4 of the North Carolina Rules of Civil Procedure.

If a violation is not corrected within a reasonable period of time, as provided in the notification, the Stormwater Administrator may take appropriate action under this ordinance to correct and abate the violation and to ensure compliance with this ordinance.

(D) Extension of Time

A *person* who receives a notice of violation and correction order, or the *owner* of the land on which the violation occurs, may submit to the Stormwater Administrator a written request for an extension of time for correction of the violation. On determining that the request includes enough information to show that the violation cannot be corrected within the specified time limit for reasons beyond the control of the *person* requesting the extension, the Stormwater Administrator may extend the time limit as is reasonably necessary to allow timely correction of the violation, up to, but not exceeding sixty (60) days. The Stormwater Administrator may grant sixty (60) day extensions in addition to the foregoing extension if the violation cannot be corrected within the permitted time due to circumstances beyond the control of the *person*

violating the ordinance. The Stormwater Administrator may grant an extension only by written notice of extension. The notice of extension shall state the date prior to which correction must be made, after which the violator will be subject to the penalties described in the notice of violation and correction order.

(E) Enforcement After Time to Correct

After the time has expired to correct a violation, including any extension(s) if authorized by the Stormwater Administrator, the Stormwater Administrator shall determine if the violation is corrected. The Stormwater Administrator may act to impose one or more of the remedies and penalties authorized by this ordinance whether or not the violation has been corrected.

(F) Emergency Enforcement

If delay in correcting a violation would seriously threaten the effective enforcement of this ordinance or pose an immediate danger to the public health, safety, or welfare, then the Stormwater Administrator may order the immediate cessation of a violation. Any *person* so ordered shall cease any violation immediately. The Stormwater Administrator may seek immediate enforcement, without prior written notice, through any remedy or penalty authorized by this article.

SECTION 6: ILLEGAL DISCHARGES

6-601. REQUIREMENTS IN THE RULE

The Tar-Pamlico Stormwater Rule requires that the County establish a program to prevent, identify and remove illegal discharges. Illegal discharges are flows in the stormwater collection system that are not associated with stormwater runoff or an allowable discharge.

6-602. WHAT IS AN ILLEGAL DISCHARGE?

Stormwater collection systems are vulnerable to receiving illegal discharges (even though the person responsible for the discharge may be unaware that it is illegal). Depending on their source, illegal discharges may convey pollutants such as nutrients, phenols, and metals to receiving waters. Table 6-A identifies some potential flows to the stormwater collection system that may be allowable. Table 6-B identifies some discharges that are not allowed.

Table 6-A: Allowable Discharges to the Stormwater Collection System

Waterline Flushing	Landscape Irrigation	Diverted Stream Flows
Uncontaminated Rising Ground Water	Uncontaminated Ground Water Infiltration to Stormwater Collection System	Uncontaminated Pumped Ground Water
Discharges from Potable Water Sources	Foundation Drains	Uncontaminated Air Conditioning Condensation
Irrigation Water	Springs	Water from Crawl Space Pumps
Footing Drains	Lawn Watering	Non-commercial Car Washing
Flows from Riparian Habitats and Wetlands	NPEDS Permitted Discharges	Street Wash Water
Fire Fighting Emergency Activities	Wash Water from the Cleaning of Buildings	Dechlorinated Backwash and Draining Associated with Swimming Pools

Table 6b: Discharges Not Allowed to the Stormwater Collection System

Dumping of oil, anti-freeze, paint, cleaning fluids	Commercial Car Wash	Industrial Discharges
Contaminated Foundation Drains	Cooling water unless no chemicals added and has NPDES permit	Washwaters from commercial/industrial activities
Sanitary Sewer Discharges	Septic Tank Discharges	Washing Machine Discharges
Chlorinated backwash and draining associated with swimming pools		

6-603. LEGAL AUTHORITY

The County has established the legal authority to control illegal discharges by doing the following:

- Control the contribution of illegal pollutants identified in Table 6b to the stormwater collection system.
- Prohibit illegal discharges to the stormwater collection system.
- Prohibit discharge of spills and disposal of materials other than stormwater to the stormwater collection system.
- Determine compliance and non-compliance.
- Require compliance and undertake enforcement measures in cases of non-compliance.

6-604. COLLECTING JURISDICTION-WIDE INFORMATION

The County will collect geographic information at three increasing levels of detail:

1. Cursory level information shall be collected for the entire County's jurisdiction. The associated requirements are discussed in this section.
2. A more detailed screening for high priority areas within the County's jurisdiction. The associated requirements are discussed in Section 6-605.
3. A detailed investigation shall be done upon the discovery of an illegal discharge. The associated requirements are discussed in Section 6-606

The purpose of collecting jurisdiction-wide information is to assist with identifying potential illegal discharge sources and characterizing illegal discharges after they are discovered. The County will compile maps at a scale no greater than 1:24,000 that show the following:

- Location of sanitary sewers in areas of the major stormwater collection systems and the location of areas that are not served by sanitary sewers.
- Waters that appear on the USDA – Natural Resources Conservation Service Soil Survey Maps and the U.S. Geological Survey 1:24,000 scale topographic maps.
- Land uses. Categories, at a minimum, will include undeveloped, residential, commercial, agriculture, industrial, institutional, publicly owned open space and others.
- Currently operating and known closed municipal landfills and other treatment, storage, and disposal facilities, including for hazardous materials.
- Major stormwater structural controls.
- Known NPDES permitted discharges to the stormwater collection system (this list can be obtained from the Division of Water Quality).

Written descriptions will be provided for the map components as follows:

- A summary table of municipal waste facilities that includes the names of the facilities, the status (open/closed), the types, and addresses.
- A summary table of the NPDES permitted discharges that includes the name of the permit holder, the address of the facility and permit number.

- A summary table of the major structural stormwater control structures that shows the type of structure, area served, party responsible for maintaining, and age of structure.
- A summary table of publicly owned open space that identifies size, location, and primary function of each open area.

The County will complete this collection of jurisdiction-wide information by the time the second annual report is due.

6-605. MAPPING AND FIELD SCREENING IN HIGH PRIORITY AREAS

County will identify a high priority area of its jurisdiction for more detailed mapping and field screening. This high priority area will comprise at least ten percent of the County's jurisdictional area. This requirement will begin in the third year after implementation. Each subsequent year, the County will select and screen another high priority area that comprises at least ten percent of its jurisdiction.

"High priority'' means the areas within a jurisdiction where it is most likely to locate illegal discharges. The most likely locations for identifying illegal discharges are areas with older development. Each year, the County will explain their basis for selection of the high priority areas.

The first part of the screening process for the selected high priority area is mapping the stormwater system. At a minimum, the map that is produced will include the following:

- Locations of the outfalls, or the points of discharge, of any pipes from non-industrial areas that are greater than or equal to 3 6 inches.
- Locations of the outfalls of any pipes from industrial areas that are greater than or equal to 12 inches.
- Locations of the outfalls of drainage ditches that drain more than 50 acres of non-industrial lands.
- Locations of the outfalls of drainage ditches that drain more than 2 acres of industrial land.
- An accompanying summary table listing the outfalls that meet the above criteria that includes outfall ID numbers, location, primary and supplemental classification of receiving water, and use-support of receiving water.

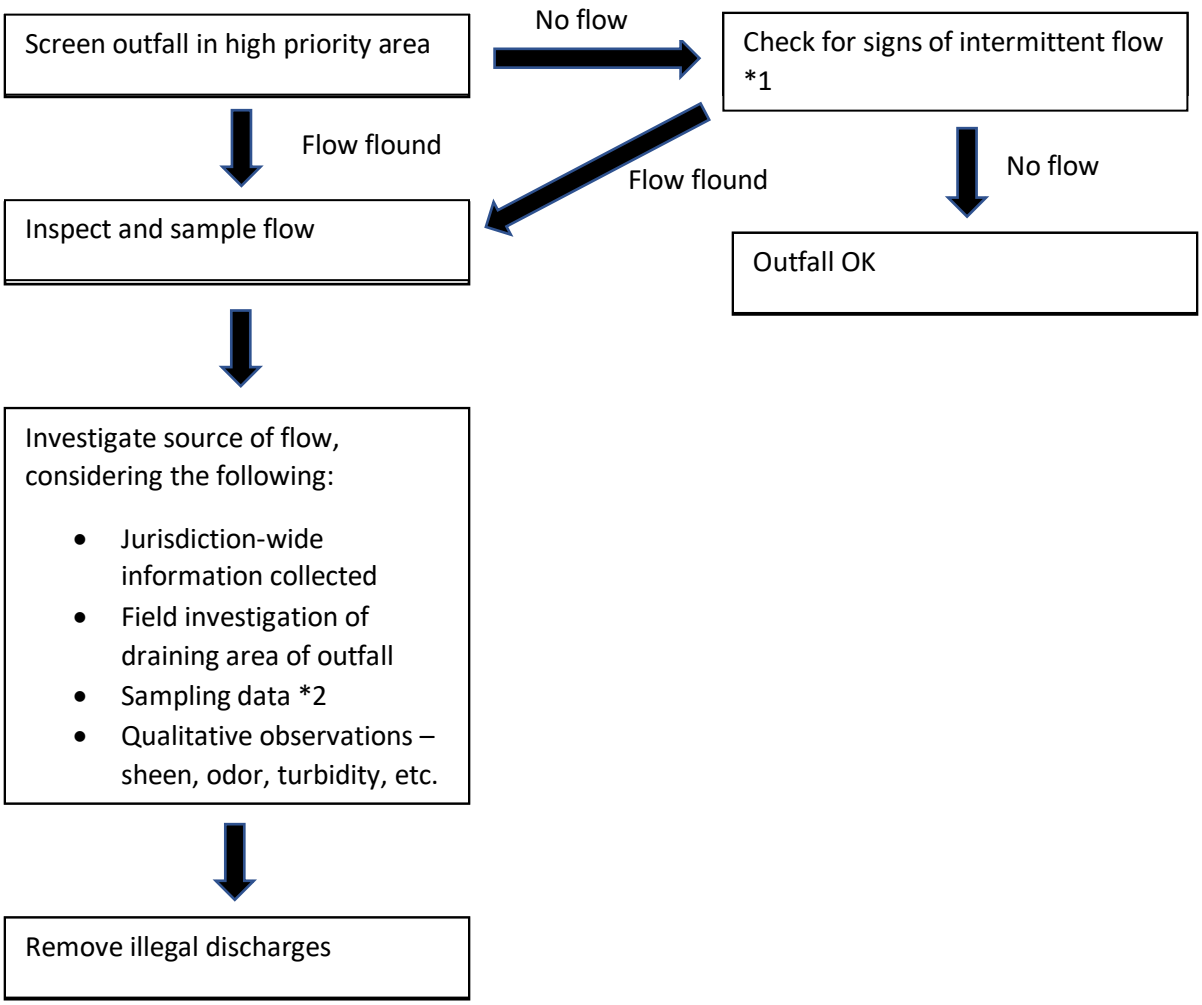
The second part of the screening process for the selected high priority area is conducting a dry weather field screening of all outfalls that meet the above criteria to detect illegal discharges. The dry weather field screening will not be conducted during or within 72 hours following a rain event of 0.1 inches or greater.

Figure 6.1 illustrates a suggested process for conducting field screening sampling activities and following up with any findings of dry weather flow. The County will generally use this process for field se:reening. As shown in the figure, if the field screening shows that an outfall is dry, then the outfall shall be checked for intermittent flow at a later date.

If the field screening shows that an outfall has a dry weather flow, then the County will complete a screening report for the outfall. The information that will be contained in the

screening report is outlined in Table 6c. Screening reports will be kept on file for a minimum of five years. Example illicit discharge screening report forms are provided in Appendix A.

Figure 1: Field Screening Process



1. Checking for intermittent flow includes rechecking outfall at a later date as well as visual observations for evidence of intermittent flow.
2. Analytical monitoring is required only if an obvious source of the dry weather flow cannot be determined through an investigation of the upstream stormwater collection system.

Table 6c: Field Screening Report Information

General Information	Sheet Number Outfall ID Number Date Time Date, Time and Quantity of Last Rainfall Event	
Field Site Description	Location Type of Outfall Dominant Watershed Land Use(s)	
Visual Observations	Photograph Odor Color Clarity Floatables	Deposits/Stains Vegetation Condition Structural Condition Biological Flow Estimation
Sampling Analysis *1	Temperature pH Nitrogen-Ammonia	Nitrogen-Nitrate/Nitrite Fluoride or Chlorine Total Phosphorus Ortho-Phosphate

1. Analytical monitoring is required only if an obvious source of the dry weather flow cannot be determined through an investigation of the upstream stormwater collection system.

Outfalls with flow will be screened again within 24 hours for the above parameters. The tests for ammonia and nitrate/nitrate that are purchased should be sensitive for 0.1 to 10 mg/L.

The purpose of the field screening is to provide clues as to the source of the illegal discharge. The characterization will be used in conjunction with the jurisdiction-wide information and a field investigation to identify the source of the illegal discharge. The process of identifying and removing illegal discharges is discussed in the next section.

6-606. IDENTIFYING AND REMOVING ILLEGAL DISCHARGES

After the field screening is complete, the County will take measures to identify and remove illegal discharges. Identifying illegal discharges may require a combination of office and field work. After the field screening, the County will consult the jurisdiction-wide information they have compiled (see Section 6-604) to obtain information about the land uses, infrastructure, industries, potential sources and types of pollution that exist in the drainage area of the outfall.

After potential sources have been identified in the office, a systematic field investigation should be planned that minimizes the amount of resources required to identify the source. Several field methods may be used to identify illegal discharges. The County will use a simple approach if that will suffice. Listed below are several approaches that may be used, not all inclusive, starting with simple approaches and moving to more complex ones:

- Site Investigation

- Additional Chemical Analysis (recommend testing for fecal coliform if the ammonia concentration was found to exceed 1.0 mg/L)
- Flow Monitoring (recommended to use multiple site visits rather than a depth indicator)
- Dye Testing (fluorescent dye is recommended)
- Smoke Testing
- Television Inspection

Documentation of the results of the office and field investigations will be kept on file for five years with the screening report.

After the County identifies the source of an illegal discharge, it will take enforcement action to have the source removed as outlined in the County's Unified Development Ordinance. Enforcement will include requiring the person responsible for the discharge to remove or redirect it to the sanitary sewer. Non-compliance will result in a violation and ultimately a civil penalty. Records of all compliance actions will be kept for five years with the screening report.

In addition to keeping all screening reports on file, the County will maintain a map that includes the following:

- Points of identified illegal discharges.
- Watershed boundaries of the outfalls where illegal discharges have been identified.
- An accompanying table that summarizes the illegal discharges that have been identified that includes location, a description of pollutant(s) identified, and removal status.

6-607. PREVENTING DISCHARGES AND IDDE HOTLINE

The County will contact persons who are responsible for establishments that are likely sources of illegal discharges. Some of these sources include automotive sales, rental, repair and detailing establishments, lawn care companies, cleaners and certain types of contractors. Previous experience has shown that many illegal discharges are actually unintentional.

The County will establish a hotline. The hotline will include a recording advising citizens what to do if they call during non-business hours. There will be another number given in cases where the illegal discharge is perceived to be an emergency.

6-608. IMPLEMENTATION SCHEDULE

In keeping with the State's model program, the County will follow a phased implementation schedule for illegal discharges (Table 6d). The schedule allows for collecting jurisdiction-wide information during the first year of implementation and then screening the high priority areas during future years. The County will evaluate and make improvements to its programs as it progresses through high priority areas.

Table 6d: Implementation Schedule for Addressing Illegal Discharges

Year	Implementation Requirements
By 2024	• Collect jurisdiction-wide information. • Select high priority area for additional screening. • Add required recording to illegal discharge hotline for after-hours calls.
Each subsequent year after 2024	• Complete mapping and field screening for high priority area. • Select next high priority area. • Identify and remove illegal discharges as encountered. • Continue operating illegal discharge hotline.

SECTION 7: DEFINITIONS

7-701. TERMS DEFINED

When used in this Ordinance, the following words and terms shall have the meaning set forth in this section, unless other provisions of this Ordinance specifically indicate otherwise.

Approved accounting tool
The most recent version of the accounting tool for calculating *nutrient* loading and reduction approved by the *Division* for the relevant geography and development type under review.

Built-upon area (BUA)
Means the same as defined in NCGS 143-214.7(b2).

Commission
The North Carolina Environmental Management Commission, in the *Department*.

Department
The North Carolina Department of Environmental Quality.

Design Manual
The State Stormwater Design Manual approved by the Department for proper implementation of the State Minimum Design Criteria for engineered stormwater controls. All references herein to the *Design Manual* are to the latest published edition or revision.

Developer
Means the same as defined in NCGS 160D-102(11).

Development
Means the same as defined in NCGS 143-214.7(a1)(1).

Development approval
Means the same as defined in NCGS 160D-102(13).

Division
The Division of Water Resources in the *Department*.

Existing Development
Means the same as defined in NCGS 143-214.7.

Engineered stormwater control
A physical device designed to trap, settle out, filter, or otherwise remove pollutants from stormwater runoff; to alter or reduce stormwater runoff velocity, amount, timing, or other characteristics; to approximate the pre-*development* hydrology on a developed site; or to

achieve any combination of these goals. *Engineered stormwater control* includes physical practices such as constructed wetlands, vegetative practices, vegetated conveyances, filter strips, grassed swales, and other methods installed or created on real property. “Engineered stormwater control” is synonymous with “structural practice”, “Primary SCM”, “stormwater control facility”, “stormwater control practice”, “stormwater treatment practice”, “stormwater management practice”, “stormwater control measures”, “structural stormwater treatment systems”, and similar terms used in this ordinance. It is a broad term that may include practices that do not require design by a professionally licensed engineer.

Land disturbing activity
Means the same as defined in 15A NCAC 02B.0202(33).

Larger common plan of development or sale
Means the same as defined in 15A NCAC 02H.1002(8).

Load
Means the mass quantity of a nutrient or pollutant released from a given area into surface waters over a given time period. Loading rate in this ordinance refers to pounds of *nitrogen* or *phosphorus* per acre per year.

Minimum Design Criteria
Means the same as defined in 15A NCAC 02H.1002(24).

Nitrogen
Means *total nitrogen* unless specified otherwise.

Nutrient, Nutrients
Means the combination of *total nitrogen* and *total phosphorus*.

1-year, 24-hour storm
Means the same as defined in 15A NCAC 02H.1002(30).

Outfall
A point at which stormwater (1) enters surface water or (2) exits the property of a particular *owner*.

Owner
The legal or beneficial owner of land, including but not limited to a mortgagee or vendee in possession, receiver, executor, trustee, or long-term or commercial lessee, or any other *person* or entity holding proprietary rights in the property or having legal power of management and control of the property. “Owner” shall include long-term commercial tenants; management entities, such as those charged with or engaged in the management of properties for profit; and every *person* or entity having joint ownership of the property. A secured lender is included

within the meaning of “owner” under another description in this definition, such as a management entity.

Parcel
Means the same as *project* in this list of definitions.

Permanent nutrient offset credits
Means the same as defined in 15A NCAC 02B.0701(38).

Person
Means the same as defined in NCGS 143-212(4).

Phosphorus
Means total *phosphorus* unless specified otherwise.

Primary SCM
Means the same as defined in 15A NCAC 02H.1002(37).

Project
Means the same as defined in 15A NCAC 02H.10022(38).

Redevelopment
Means the same as defined in NCGS 143-214.7(a1)(2).

Runoff treatment
Means the same as defined in 15A NCAC 02H.1002(43).

Runoff volume match
Means the same as defined in 15A NCAC 02H.1002(44).

Site plan
A scaled drawing and supporting text showing the relationship between lot lines and the existing or proposed uses, buildings, or structures on the lot. The *site plan* may include site-specific details such as building areas, building height and floor area, setbacks from lot lines and street rights-of-way, intensities, densities, utility lines and locations, parking, access points, roads, and stormwater control facilities that are depicted to show compliance with all legally required development regulations that are applicable to the *project* and the *site plan* review. A *site plan* approval based solely upon application of objective standards is an administrative decision and a *site plan* approval based in whole or in part upon the application of standards involving judgment and discretion is a quasi-judicial decision.

Stormwater
Means the same as defined in NCGS 143-213(16a).

Stormwater system
All *engineered stormwater controls* and conveyances owned or controlled by a *person* that drain to the same *outfall.* A system may be made up of one or more *engineered stormwater controls*.

Subdivision
The division of land for the purpose of sale or development as specified in GS 160D-802.

Substantial progress
For the purposes of determining whether sufficient progress has been made on an approved plan, one or more of the following construction activities toward the completion of a *site plan* or *subdivision* plan shall occur: obtaining a grading permit and conducting grading activity on a continuous basis and not discontinued for more than thirty (30) days; or installation and approval of on-site infrastructure; or obtaining a building permit for the construction and approval of a building foundation. “Substantial progress” for purposes of determining whether an approved plan is null and void is not necessarily the same as “substantial expenditures” used for determining vested rights pursuant to applicable law.

Total nitrogen
Means the sum of the organic, nitrate, nitrite, and ammonia forms of *nitrogen* in water.

Total phosphorus
Means the sum of the orthophosphate, polyphosphate, and organic forms of *phosphorus* in water.

Appendix A
Illicit Discharge Screening Report Forms

This appendix contains several forms developed by the County of Beaufort for use in its illicit discharge detection and elimination program. The following forms are provided:

1. Outfall Identification and Flow Analysis Record (E.2-3)
2. Water Quality Complaint/Inspection Record (E.4-5)
3. Industrial Inspections Report (E.6)

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County of Beaufort, NC
Planning Department

Outfall Identification and Flow Analysis Record

Field ID: _____
Map #: _____
Sheet No.: _____
GIS ID: _____

Land Use in Drainage Area:
☐ Res ☐ Com
☐ Ind ☐ Ag
☐ Forest ☐ Open

☐ Pamlico River
☐ Maple Branch
☐ Mitchell Branch
☐ Jacks Creek
☐ Kennedy Creek
☐ Runyon Creek
☐ Tranters Creek
☐ Cherry Run
☐ Herring Run
☐ _____
☐ _____
☐ _____
☐ _____
☐ _____

Weather:
Air Temp: _____ °C
☐ Rain in last 72 hrs
☐ Ground wet

Sky:
☐ Clear
☐ P. Cloudy
☐ Cloudy
☐ Overcast

Flow:
☐ Dry ☐ Moderate
☐ Stand. H_2O ☐ High Flow
☐ Trickle

Outfall Information:
Size: _____ ☐ in/ ☐ ft
(diameter or width x height)

Outfall Type *(check one)*:
☐ Corrugated Metal Pipe
☐ Box culvert
☐ Concrete pipe
☐ Cast Iron
☐ Earthen Ditch
☐ RipRap/Concrete Chan.
☐ Other: _____

Source (if known): _____

Nearest St. address: _____

Specific Location **(direction & distance of fall from above address & nearby landmarks)**

Investigation:
Date: _____
Time: _____ *(24 hr clock)*
By (initials of staff):
☐ ___ ☐ ___
☐ ___ ☐ ___
☐ ___ ☐ ___
☐ ___ ☐ ___

Physical Observations:

Odor:	**Floatables:**	**Turbidity:**	**Deposits/stains:**	**Damage to Outfall Structure:**	
☐ none	☐ none	☐ clear	☐ none	☐ none	☐ N/A
☐ musty	☐ petrol sheen	☐ cloudy	☐ oily	☐ concrete cracking/spalling	☐ paint peeling
☐ sewage	☐ sewage	☐ opaque	☐ algae	☐ concrete erosion	☐ metal corrosion
☐ sulfide	☐ foam	☐ particles	☐ other: _____	☐ Outlet capacity significantly reduced by sediment	☐ other: _____
☐ fuel oil	☐ other:	☐ black floc		☐ Outlet area significantly eroded	
☐ gasoline	_____				
☐ other:	☐ other:				
_____	_____				

Comments, description: _____

Vegetation condition: _____

Field Analysis (Required if source of dry weather flow cannot be determined through investigation of system.):

Field Instrument ☐ Pens ☐ YSI ☐ Other: _____

Sample 1 Location: _____ Date: _____ Time: _____

Temp:	_____ °C	DO:	_____ %	Chlorine:	_____ mg/L	☐	Phosphate:	_____ mg/L	☐
pH:	_____	DO:	_____ mg/L	Copper:	_____ mg/L	☐	Ammonia:	_____ mg/L	☐
TDS:	_____ g/L	Turbid.:	_____ NTU	Phenols:	_____ mg/L	☐	Nitrate:	_____ mg/L	☐
Sp Cnd:	_____ µs/cm	____	_____ ____	detergent:	_____ mg/L	☐	_____	_____ ____	☐

Sample 2 Location: _____ Date: _____ Time: _____

Temp:	_____ °C	DO:	_____ %	Chlorine:	_____ mg/L	☐	Phosphate:	_____ mg/L	☐
pH:	_____	DO:	_____ mg/L	Copper:	_____ mg/L	☐	Ammonia:	_____ mg/L	☐
TDS:	_____ g/L	Turbid.:	_____ NTU	Phenols:	_____ mg/L	☐	Nitrate:	_____ mg/L	☐
Sp Cnd:	_____ µs/cm	____	_____ ____	detergent:	_____ mg/L	☐	_____	_____ ____	☐

Rate likelihood that water is contaminated (scale of 1 to 6):
☐ No Flow ☐ Some possibility
☐ Very unlikely ☐ Likely
☐ Unlikely ☐ Very Likely

☐ Investigate?
☐ Revisit?
Investigation Number: _____
Photo? ☐ File Name: _____

Office:

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Outfall Identification and Flow Analysis Record, cont.

Additional Field Analysis (Required if source of dry weather flow cannot be determined through investigation of system.):

Sample 3 Location: _____ Date: _____ Time: _____

Temp:	_____	°C	DO:	_____	%	Chlorine:	_____	mg/L ☐	Phosphate:	_____	mg/L ☐
pH:	_____		DO:	_____	mg/L	Copper:	_____	mg/L ☐	Ammonia:	_____	mg/L ☐
TDS:	_____	g/L	Turbid.:	_____	NTU	Phenols:	_____	mg/L ☐	Nitrate:	_____	mg/L ☐
Sp Cnd:	_____	µs/cm	_____	_____	____	detergent:	_____	mg/L ☐	_____	_____	____ ☐

Sample 4 Location: _____ Date: _____ Time: _____

Temp:	_____	°C	DO:	_____	%	Chlorine:	_____	mg/L ☐	Phosphate:	_____	mg/L ☐
pH:	_____		DO:	_____	mg/L	Copper:	_____	mg/L ☐	Ammonia:	_____	mg/L ☐
TDS:	_____	g/L	Turbid.:	_____	NTU	Phenols:	_____	mg/L ☐	Nitrate:	_____	mg/L ☐
Sp Cnd:	_____	µs/cm	_____	_____	____	detergent:	_____	mg/L ☐	_____	_____	____ ☐

Sample 5 Location: _____ Date: _____ Time: _____

Temp:	_____	°C	DO:	_____	%	Chlorine:	_____	mg/L ☐	Phosphate:	_____	mg/L ☐
pH:	_____		DO:	_____	mg/L	Copper:	_____	mg/L ☐	Ammonia:	_____	mg/L ☐
TDS:	_____	g/L	Turbid.:	_____	NTU	Phenols:	_____	mg/L ☐	Nitrate:	_____	mg/L ☐
Sp Cnd:	_____	µs/cm	_____	_____	____	detergent:	_____	mg/L ☐	_____	_____	____ ☐

Sample 6 Location: _____ Date: _____ Time: _____

Temp:	_____	°C	DO:	_____	%	Chlorine:	_____	mg/L ☐	Phosphate:	_____	mg/L ☐
pH:	_____		DO:	_____	mg/L	Copper:	_____	mg/L ☐	Ammonia:	_____	mg/L ☐
TDS:	_____	g/L	Turbid.:	_____	NTU	Phenols:	_____	mg/L ☐	Nitrate:	_____	mg/L ☐
Sp Cnd:	_____	µs/cm	_____	_____	____	detergent:	_____	mg/L ☐	_____	_____	____ ☐

Sample 7 Location: _____ Date: _____ Time: _____

Temp:	_____	°C	DO:	_____	%	Chlorine:	_____	mg/L ☐	Phosphate:	_____	mg/L ☐
pH:	_____		DO:	_____	mg/L	Copper:	_____	mg/L ☐	Ammonia:	_____	mg/L ☐
TDS:	_____	g/L	Turbid.:	_____	NTU	Phenols:	_____	mg/L ☐	Nitrate:	_____	mg/L ☐
Sp Cnd:	_____	µs/cm	_____	_____	____	detergent:	_____	mg/L ☐	_____	_____	____ ☐

Comments: _____

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County of Beaufort, NC
Planning Department

Water Quality Complaint / Inspection Record

File Number: _____

Map #: _____

Complainant's Description of Problem and Location:

Description: _____

Location: _____

Complaint from:
Name: _____
Address: _____
_____
Home Phone #: _____
Work Phone #: _____
Other: _____
(pager, e-mail, etc.)

Complaint Date and Source:
Call date: _____
Time: _____
☐ Hotline ☐ Staff Initiatd
☐ Walk-In ☐ Emerg. Mgt.
☐ Call In ☐ Health Dept.
☐ WWW ☐ Erosion Ctrl.
☐ Other County employee
☐ Other _____

First Callback:
Date: _____
Time: _____

Results Callback:
Date: _____
☐ Phone
☐ Letter
☐ In Person

Investigation:
Date: _____
Time: _____
Duration: _____

By (initials of staff):
☐ _____ ☐ _____
☐ _____ ☐ _____
☐ _____ ☐ _____
☐ _____ ☐ _____

Field Observations ***(if different):***
Investigator's Description: _____
Street Address (Nearest): _____

Property Type:
☐ Public ☐ Commercial
☐ Residential ☐ Industrial
☐ Agriculture ☐ Unimproved

Observations:
☐ Sheen… _____
☐ Odor… _____
☐ Floatables… _____

Drainage Basin:
Creek: _____
Sub-Basin: _____
☐ Flow reached storm drain?
☐ Flow reached creek?

Probable Source of Water Quality Problem *(check main items that apply)*:

Construction Erosion & Sedimentation:
☐ Controls not provided
☐ Controls not maintained
☐ Sediment in drainage system

On-site sewage treatment:
☐ Discharging sand filter system
☐ Failing septic leachfield
☐ Piping failure, leak, etc (on-site only)
☐ Laundry/sink discharge (household)
☐ Other: _____

Private Connection to Public System:
☐ Sewer lateral (house/duplex)
☐ Sewer lateral (apart/commercial)

Public Sanitary Sewer System:
☐ Overflow
☐ Leak (small flow)
☐ Break (large flow)
☐ Other: _____

Owner of system: _____

NOTE: If there is a problem found with a non-County owned public sanitary sewer system, contact the Owner.

☐ Illicit connection
☐ Contaminated groundwater
☐ Petroleum spill/release
☐ Paint spill/release/dumping
☐ Grease/Cooking oil/food wastes
☐ Improper housekeeping
☐ Trash/Garbage in channel
☐ Yard wastes/leaves
☐ Source unknown
☐ Water leak
☐ Other WQ problem (see details)
☐ No WQ problem found
☐ Drainage problem: _____

Details, Source Location (Description), Findings, Actions:

_____
_____
_____
_____

Continue on back, if necessary

☐ Need NOV? Date Sent _____

Tax Map #: _____

NOV Sent to (usu. Property Owner): _____

Mailing Address: _____

☐ Health Dept. ☐ Land Quality
☐ W&S Maint. ☐ DOT
☐ Other: _____

Photo File Name: _____

Respond to Complainant By:
(date) _____
☐ Phone ☐ Letter ☐ In Person

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Water Quality Complaint / Inspection Record, Cont.

Additional Details, Sample Locations, Findings (Required if source of dry weather flow cannot be determined through investigation of system.):

Sample 1 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Sample 2 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Sample 3 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Sample 4 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Sample 5 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Sample 6 Location:_____ Date: _____ Time: _____

Details:_____

Temp: _____	°C	DO: _____	%	Chlorine: _____	mg/L ☐	Phosphate: _____	mg/L ☐
pH: _____		DO: _____	mg/L	Copper: _____	mg/L ☐	Ammonia: _____	mg/L ☐
TDS: _____	g/L	Turbid.: _____	NTU	Phenols: _____	mg/L ☐	Nitrate: _____	mg/L ☐
Sp Cnd: _____	µs/cm	_____	_____	____	detergent: _____	mg/L ☐	_____	_____	____ ☐

Additional Details, Sample Locations, Findings, Actions:

_____

_____

_____

_____

_____

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County of Beaufort, NC
Planning Department

Industrial Inspections Report

Date: _____
Time: _____
Inspector: _____
Account #: _____

(Office Only)
ADC Map #: _____
Basin: _____
Sub-Basin: _____

Industry Information:

Site Name: _____
(Business/industry name and identification of site)

Contact: _____ Phone: _____
(name)

Mailing: _____

Street Address: _____

Address: _____

Field Observations: ☐ **Inspection N/A?**

☐ **Material Waste (M/W) Storage Areas:** ***(Petroleum products and hazardous materials/wastes)***

No.	Material or Waste	Storage	Containment?	Concerns?	Description of Concern (spill, leak, etc.)
1			☐ Secondary	☐ Yes	
2			☐ Secondary	☐ Yes	
3			☐ Secondary	☐ Yes	
4			☐ Secondary	☐ Yes	

M/W Drainage: _____

☐ **Material Transfer (MT) Areas:**

☐ Loading Dock ☐ Conveyor
☐ Pipe nozzles ☐ Loader
☐ Other: _____ Spill Containment? ☐ yes ☐ no
Evidence of spills/leaks? ☐ yes ☐ no What material? _____
MT Drainage: _____

☐ **Manufacturing Areas:**

Spill Containment? ☐ yes ☐ no
Evidence of spills/leaks (Mfgr. Area)? ☐ yes ☐ no
If yes, what material spilled? _____
☐ Floor Drains (FD)
FD Locations: _____

Housekeeping Comments: _____

☐ **Vehicle Maintenance Area:**

Spill Containment? ☐ yes ☐ no
Evidence of spills/leaks (Maint.)? ☐ yes ☐ no
If yes, what material spilled? _____

☐ **Vehicle Fueling:**

Drainage: _____

_____

Storm Drainage System:

Stormwater drainage system accessible? ☐ yes ☐ no
Current Precipitation or Precipitation Within 72 Hours? ☐ yes ☐ no

Stormwater Flow:
☐ Dry, no flow
☐ Standing Water
☐ Dry Weather Flow
☐ Wet Weather Flow
☐ Other: _____

Water Characteristics:
☐ Color
☐ Odor
☐ Stains
☐ Foam

Storm Drainage System Condition:
☐ Erosion
☐ Sedimentation
☐ Corrosion

Comments: _____

_____

☐ Follow up needed? _____ Date Completed: _____