

# **Report to the Environmental Review Commission**

## **Pursuant to S.L. 2014-120, Sec. 29 REFORM AGENCY REVIEW OF ENGINEERING WORK**

**January 14, 2015**

**Name of Local Government Unit: Public Works Commission of  
the City of Fayetteville North Carolina**

**Approved/delegated program subject to reporting requirements:**

☐ Sedimentation/erosion control

☐ Stormwater

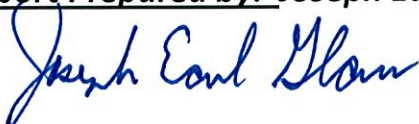
☒ Water/sewer

☒ Cross-connection

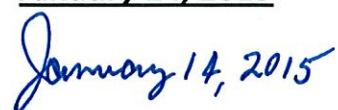
☐ 401 certifications

☐ Other

**Report Prepared by: Joseph Earl Glass, PE**



**January 14, 2015**



***Submit this report electronically to Mariah Matheson, Commission Assistant,  
Environmental Review Commission, at [Mariah.Matheson@ncleg.net](mailto:Mariah.Matheson@ncleg.net).***

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***\*\*Please attach any written procedures that may have been developed to implement the provisions of this law.\*\****

☒ Check to indicate that this plan review program implemented procedures whereby plan reviewers distinguish between plan changes that are required by statutory or other legal authority and those that the reviewer offers as suggestions for improvement. Refer to S.L. 2014-120, Section 29.(b)(1) for further details about this requirement.

☒ Check to indicate that this plan review program identifies the statutory or regulatory authority for any revisions or requests for additional information that are required by the program in order to grant the requested plan permit, approval, or license. Refer to S.L. 2014-120, Section 29.(b)(2) for further details about this requirement.

☒ Check to indicate that this plan review program implemented procedures for local governments to follow when (1) a Professional Engineer submits a sealed design or practice that is not in the local government's guidance, manuals, or standard operating procedures, and (2) the submitting Professional Engineer requests additional internal review of that design or practice. Refer to S.L. 2014-120, Section 29.(c)(1) for further details about this requirement.

☒ Check to indicate that this plan review program established a procedure whereby the plan reviewer's supervisor OR the approving/delegating state agency can provide further review and oversight of these design details. Refer to S.L. 2014-120, Section 29.(c)(1) for further details about this requirement.

☒ Check to indicate that this plan review program either employs a Professional Engineer who can conduct further review of these innovative designs, or maintains a list of consulting Professional Engineers of the local government unit's choice that may conduct this review, if requested by and paid for by the submitting Professional Engineer. Refer to S.L. 2014-120, Section 29.(c)(1) for further details about this requirement.

☒ Check to indicate that this plan review program established an informal internal process to address disputes when a plan reviewer identifies a change to the plans as being "required" under a specific, identified legal authority. Refer to S.L. 2014-120, Section 29.(c)(2) for further details about this requirement.

☒ Check to indicate that this plan review program discontinued use of the word "engineer" in the job titles of all program employees whose responsibilities include review of plans in affected programs,

*unless* those employees hold Professional Engineer licenses. Refer to S.L. 2014-120, Section 29.(h) for further details about this requirement.

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☒ Check to indicate that this plan review program reviewed the titles of all employees conducting plan reviews for this program. Refer to S.L. 2014-120, Section 29.(h)(1) for further details about this requirement.

☐ Check to indicate that this plan review program proposed revisions to those employees' job titles in order to eliminate use of the word "engineer" when publicly identifying those employees, if those employees do not hold Professional Engineer licenses. Refer to S.L. 2014-120, Section 29.(h)(2) for further details about this requirement. **ALREADY IN COMPLIANCE**

**Additional information:**

The information below will verify the procedure for meeting the intent of Senate Bill 4734, Section 29.(c) related to the Fayetteville Public Works Commission's Review Process for the issuance of Water & Sewer Permits under the Delegated Local Permitting Program. This Review Process has been in place since the beginning of the delegated program in December of 2003.

Application packages for water and sewer extension permits are reviewed by Engineering Technicians initially. This review is to determine compliance with State requirements as well as Public Works Commission details and specifications that are published for design professionals. The Engineering Technician provides comments regarding any items that are non-conforming with State and PWC requirements. These comments are provided to an Engineer II which is required to be a Professional Engineer by job description. The Engineer II reviews the plans and the comments provided by the engineering technician. Any required changes are "redlined" on the drawings by the Engineer II and the information is provided to the Engineer that submitted the plans. Any disputes regarding the requested plan changes are discussed with the Engineer II. If the Engineer II is unable to resolve the matter, it is referred to the Engineer III and/or the Engineering Manager, both of which are required Professional Engineer positions. All comments are considered statutory as the FPWC details and specifications are incorporated in the local permitting delegation. Any "preferred" changes, which are not a statutory requirement, are typically discussed prior to the initial submittal and agreed on with the engineer. Compliance with the delegated Cross Connection Ordinance is in conjunction with the issuance of the water permits and follows this same procedure.

This procedure should allow for an expedited formal review process as well as satisfy the intent of Senate Bill 734, Section 29(c) as enacted by the General Assembly of North Carolina.