




April 12, 2019

To: All Development Community Members, Consultants and Development Design Professionals

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Subject: Letter to Industry 4/12/19 – Use of SNAP v4.1 Tool Mandatory in Jordan and Falls Basins

Purpose of Memo

The purpose of this memo is to advise of the mandatory use of the SNAP (Stormwater Nitrogen and Phosphorus) v4.1 tool beginning April 15, 2019 for regulatory compliance with stormwater requirements of the Falls and Jordan nutrient strategies for all development projects subject to nutrient export calculation requirements. [SNAP v4.1](#) is mandatory for the Falls and Jordan Basins only. Projects in the Lower Neuse Basin shall continue to utilize the Jordan/Falls Lake Stormwater Nutrient Load Accounting Tool version 2.0 until the Neuse Nutrient Strategy is readopted by the State.

Development projects initially submitted prior to April 15, 2019 in the Falls and Jordan Basins and are still valid, but not approved by the City, have the option of using either of the nitrogen and phosphorus export calculation tools mentioned in the prior paragraph to demonstrate regulatory compliance with stormwater requirements of the Falls and Jordan nutrient strategies.

Note that only Stormwater Control Measures (SCMs) allowed by City of Durham design standards, found in Section 8.3 of the [Reference Guide for Development](#), shall be entered into SNAP v4.1. City non-approved or accepted SCMs will not be given regulatory removal credit even if listed as a type of SCM in SNAP v4.1.

Background

As of October 10, 2018, SNAP v4.1 was approved for regulatory compliance with stormwater requirements of the Falls and Jordan nutrient strategies by NCDEQ. SNAP v4.1 is an Excel spreadsheet used for calculating nitrogen and phosphorus in stormwater runoff from development sites and nutrient reductions provided by stormwater treatment. It replaces the Jordan/Falls Lake Stormwater Nutrient Load Accounting Tool version 2.0 in the Falls and Jordan Basins. Local governments were not required to accept its use prior to April 15, 2019 and the City of Durham selected not to accept earlier use of SNAP. As a local program implementing Falls and Jordan nutrient strategies we must require use of SNAP v4.1 on all development projects subject to nutrient export calculation requirements in these basins beginning April 15, 2019. The City publicly announced this requirement at the March 14, 2019 quarterly seminar held for the development community and included this information on the City’s website under Seminar and Presentations.

Effective Date

April 15, 2019

