



CITY OF DURHAM

Memorandum

To: Thomas J. Bonfield - City Manager
Through: Bowman Ferguson - Deputy City Manager
From: Marvin G. Williams - Director of Public Works
Date: April 16, 2014
Re: **Inquiry by Mayor Bell at April 10th Work Session (Agenda Item 9758) Concerning a Stormwater Facility for Shoppes at Hope Valley Farms**

PHW MGW

At the April 10th work session Mayor Bell inquired about a stormwater facility at the intersection of Martin Luther King Jr. Parkway and Cook Road during the failed development update, agenda item 9758. This stormwater facility is for the Shoppes at Hope Valley Farms located at 3825 South Roxboro Street and is one of two stormwater wet detention basins serving the property to control and treat stormwater runoff from the development. The particular wet detention basin of interest is located south of the Wendy's restaurant, while the other wet detention basin is located along the northwestern portion of the property, west of the Kroger grocery store. Included is a map which depicts the location of both stormwater best management practices (BMPs).

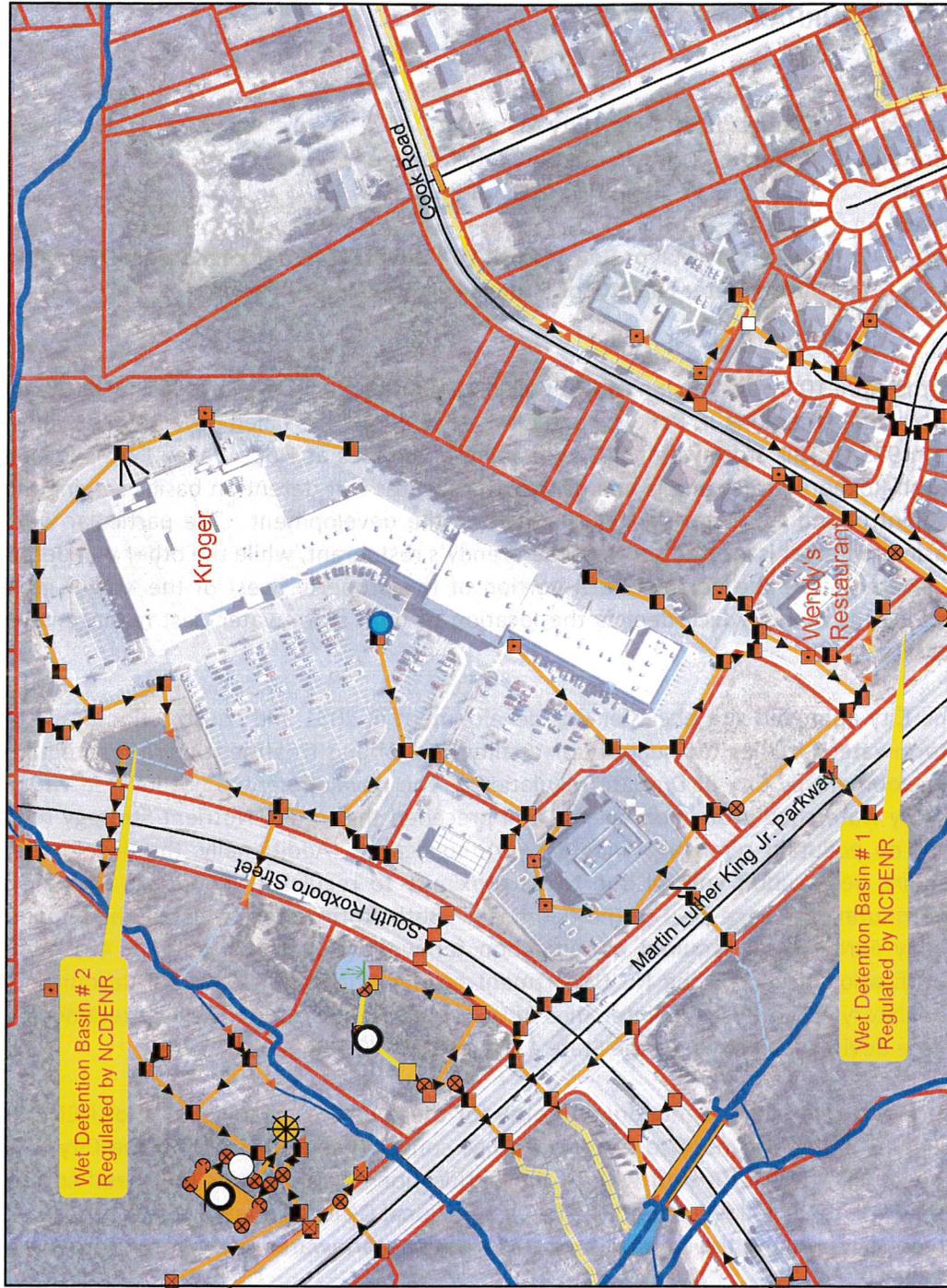
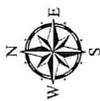
The City approved site plans for this development in 2001 and construction drawings in 2002. Stormwater facilities for quantity or quality control and treatment were not required for this development by City of Durham regulations. The development is not located within a water-supply watershed protection overlay and preceded the Jordan Nutrient Strategy requirements, thus no pollutant removal standards were applicable. Additionally, the development did not require peak runoff control due to its proximity to regulatory floodplain and the size of its contributing drainage area to the floodplain. Both stormwater BMPs for the Shoppes at Hope Valley Farms were required as mitigation for wetland disturbance by a 401 Water Quality Certification issued by the NC Department of Environment and Natural Resources (NCDENR). Regulatory authority for maintenance of these two wet detention basins is retained by NCDENR. These devices are known by the State as NCDENR DWQ Project # 990578.

Since NCDENR is the regulatory authority for these devices, Danny Smith of NCDENR's Raleigh Regional Office was notified of maintenance concerns and advised that the City would like an inspection by NCDENR staff with owner notification of deficiencies that need correcting. This Department will follow up with the Raleigh Regional Office in a few weeks to obtain an updated progress report and the maintenance status of this stormwater facility.

If this office can provide any additional information, please advise.

c: Paul Wiebke, Assistant Director of Stormwater and GIS Services
 Tasha Johnson, Assistant Director of Engineering Services
 Rob Joyner, Development Review Group Manager
 Shea Bolick, Stormwater Development Review Supervisor

Shoppes at Hope Valley Farms - Stormwater BMPs



City of Durham
Department of Public Works
Stormwater Services Division