



OPERATIONS & MAINTENANCE MANUAL

STORMWATER CONTROL STRUCTURE
PERMEABLE PAVEMENT

Owner(s): _____
Address: _____
Phone Number: _____
Site/Subdivision Plan # _____
Location: _____
Prepared by: _____
Receiving Water Course: _____
Date: _____
Date Constructed: _____
Paving Contractor: _____
Materials Supplier: _____

OPERATIONS AND MAINTENANCE MANUAL

PROJECT NAME: _____
PERMEABLE PAVEMENT

This manual establishes procedures for maintenance and operation of the _____
Level Spreader (s) in accordance with the Town of Fuquay-Varina’s LDO Development
Ordinance as set forth in Section 9-1405(e) MAINTENANCE.

MAINTENANCE & INSPECTION SCHEDULE

Regular maintenance is essential to the long-term performance and durability of the permeable pavement. Permeable Pavement can show some decreased capacity for filtration after a few years, dependent on activities occurring in the drainage area. Timely preventative maintenance should lengthen the time period between major maintenance procedures. At a minimum, the following maintenance schedule should be followed.

- I. Performed Weekly or after every 1 inch rainfall event whichever comes first:
 - a. Check observation wells 5 days after rain event to ensure that the pavement is draining.
 - b. Blow off pavement area especially the permeable pavement. The areas should be kept clean of debris and this will increase in the spring and fall.

- II. Quarterly
 - a. Check the outfall from the under drain into the catch basin and ensure that the storage area is draining down.
 - b. Check to ensure no offsite water is washing onto the pavement area. Adjust swales as needed.

- c. Remove weeds with a systematic herbicide and pull them within the week. Use a blower to remove any debris once weeds are removed.

III. Annually

- a. Check the edge of the restraints for cracks or leaking and repair as needed.
- b. Check all piping and catch basins to ensure no damage to the infrastructure and repair as needed.
- c. Use regenerative air sweeper on permeable pavement and replace any aggregate that was removed during the process. Dispose of properly.

IV. General

- a. All components of permeable pavement system to be kept in good working order.
- b. Ensure that proper signage is in place and replace if damaged or removed.
- c. Ensure that there are no piles of sand, mulch, soil or building materials are placed on the pavement area.
- d. No snow shall be piled up on top of the permeable pavement.
- e. In case the ownership transfers, the current owner shall, within thirty (30) days of transfer of ownership, notify the Town of Fuquay-Varina's Engineering Department of such ownership transfer.
- f. This property and permeable pavement are also subject to the Operation and Maintenance Manual filed in relation to this project.

Detail of Structure of the permeable pavement for the system (attached)

Details showing the location of the permeable pavement on the site (attached)