



**CITY of NORTH OLMSTED**

Mayor Kevin M. Kennedy

Pietro A. DiFranco, P.E., City Engineer | Division of Engineering

A 5200 Dover Center Road | North Olmsted, Ohio 44070 P 440-716-4117 F 440-777-5889

Date: ~~July 14, 2014~~ **August 25, 2014 Rev.**

To: Property Owners & Contractors

Re: Back Water Valve Installation

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Property owners shall consult with a licensed professional to assess the benefits of a back water valve for their specific situation. The installation of a back water valve on a sanitary sewer lateral shall comply with the following requirements.

1. The sanitary sewer lateral (and storm sewer lateral, if needed) shall be tested by the contractor retained by the property owner using video, dye, smoke, or other method approved by the Engineering Department. The contractor shall provide a sketch showing the house, sewer laterals, and all downspouts, yard drains, clean-outs, etc...tested, along with a statement (attached), at the time of permit application, certifying they performed the required testing and found no storm water connections to the sanitary sewer such as downspouts, yard drains, basement footing drains, etc... Stormwater and other clean water connections (i.e. – downspouts, basement footing tile, yard drains, etc...) to the sanitary sewer are prohibited. If such connections are detected, they shall be disconnected from the sanitary sewer
2. The location of the back water valve shall be documented and provided to the City on a sketch, using a minimum three (3) dimensions from existing fixed objects or landmarks such as property corners, sidewalks, driveways, fire hydrants, utility poles, etc...
3. The back water valve shall be installed with a clean-out on both sides. The clean-outs shall be installed with wye connections directed away from the back flow valve so as to facilitate future cleaning of the lateral by snake on both sides of the valve. Back water valves require periodic maintenance, which is the responsibility of the property owner.

# Back Water Valve Dye Test Requirement

The purpose of this dye test is to verify there are no storm water connections, such as roof drains, downspouts, footing drains, yard drains, etc. to the sanitary sewer. The dye test confirms compliance with Codified Ordinance chapter 911 and protects the property owner from flooding if the back water valve closes during an extreme storm. The dye test is the responsibility of the applicant and shall be performed by a registered contractor.

Homeowner Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: (Home) \_\_\_\_\_ (Work and/or Cell) \_\_\_\_\_

Date you moved into this home: Month \_\_\_\_\_ Year \_\_\_\_\_

Plumbing Contractor's Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Plumbing Contractor's Registration Number: \_\_\_\_\_

Are your downspouts connected to the City's sanitary sewer system? Yes \_\_\_\_\_ No \_\_\_\_\_

Are your downspouts connected to the City's storm sewer system? Yes \_\_\_\_\_ No \_\_\_\_\_

Does your home have an outside catch basin? Yes \_\_\_\_\_ No \_\_\_\_\_

Does your home have exterior foundation perimeter drain tile? Yes \_\_\_\_\_ No \_\_\_\_\_

Does your home have a sump pump for the perimeter draitile? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, does your sump pump discharge to front, rear or side, or is it connected to the Storm Sewer in the street? (Check One) Front \_\_\_\_\_ Rear \_\_\_\_\_ Side \_\_\_\_\_ Storm Sewer Connection \_\_\_\_\_

How many basement water events have you experienced? \_\_\_\_\_

## Application Materials Required

Each of the following documents must be attached to this application in order for the application to proceed and for a permit to be issued:

1. Drawing indicating location of back water valve with two dimensions.
2. Completed permit application form (with all applicable fees paid).

Contractor Signature: \_\_\_\_\_ Date \_\_\_\_\_

Homeowner Signature: \_\_\_\_\_ Date \_\_\_\_\_