



Water and/or Sewer Developer Extension Two Year Warranty Inspection

Per the Contract Documents for Developer Constructed Water and/or Sanitary Sewer Extensions, "As a condition precedent to the District's final acceptance of the Extension, the Developer shall furnish a Maintenance Bond (or a cash deposit held in a bank savings account in the name of the District or an assignment of funds) which shall continue in force for two (2) years after title to the Extension has been received and accepted by the District. The bond shall be in a form acceptable to the District and in an amount equal to 25% of the total construction costs incurred, and shall require the Developer and the bonding company to correct defects in labor and materials which arise in said system and also to correct damage to the system caused by Developer or third parties, such as other contractors or builders."

The following are the requirements needed to release the maintenance bond or cash deposit:

Water Extensions:

The District shall perform a final inspection prior to the end of the warranty period and generate a punch list of items needing correction.

The Developer must complete the punch list of items.

Sanitary Sewer Extensions:

The District shall perform a final inspection prior to the end of the warranty period and generate a punch list of items needing correction.

The Developer must complete the punch list of items.

The District will coordinate with the Developer a date and time for the Developer to clean and camera inspect the sewer pipeline, in the presence of a District representative, as follows:

Flushing/Cleaning

Utilizing a high-pressure vacuum jetter, all new appurtenances must be cleaned and all debris and excessive water removed.

Television Inspection/Sag Allowance

All installed pipelines must be inspected with a camera suited for pipeline inspection. A copy of the inspection is to be provided to OVWSD on a format approved by OVWSD. The camera must be able to clearly assess the condition of the main and record and display slope/grade of the pipe.

Prior to camera inspection, a sufficient amount of contrasting dye must be poured into the pipeline.

The camera inspection must utilize a method, as approved by the District, to determine sag in the pipe. 1/32" per inch of pipe diameter, with a maximum sag of 1/2" is acceptable. Any sag greater than this is considered a failure and requires that section, and any other affected section(s) of main, to be replaced and retested.

Pipe Size	Sag Allowance
6"	3/16"
8"	1/4"
10"	5/16"
12"	3/8"