Required Inspections -Sewer

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For Authority Sewer Lines and Facilities (to be dedicated to NCWSA): 24 hour notice is required on the following inspections. Contact the Inspector at (678) 878-5987, or email jr@ncwsa.us before the following:

1. Before construction (mobilization) begins.
2. Connection (taps) to existing manholes or lines.
3. Sewers and manholes:
    a. Cleaning and jetting of lines
    b. Low-pressure air testing
    c. Vacuum testing for manholes
    d. Lateral connections
    e. Camera or CCTV inspection of lines
    f. Mandrel testing under paved areas and roadways
4. Force mains:
    a. Pressure test for 2-hours @ 50 psi added to pump shut off head, measured at the lowest point; or, test at 150 psi, whichever is more.
    b. Thrust restraint at all fittings including thrust blocking and restrained joints.
    c. Demonstrate all air and vacuum relief valves.
    d. Pipe connections to existing manholes.
5. Others, as required by Engineering or Inspector, based on specific site conditions.
6. Upon completion of work and before backfill, contact the NCWSA Authority Inspector.

For Lines and Facilities on Private Property: Per the Authority's Sewer Use Ordinance, all facilities to be connected to the Authority's sanitary sewer system shall be inspected for conformance to approved plans, sound construction, and prevention of infiltration and inflow.

1. Failed Inspections: A minimum 24-hour wait and a $75 re-inspection fee shall be assessed to builder.

2. Grease Traps: Grease traps and interceptors, oil-water separators, and other pretreatment devices will be inspected. Alternate designs or equipment must be approved during Plan Review.

3. Sanitary Sewer Lines and Laterals: Sewer laterals and private sewers will be inspected for conformance to approved plans for proper slope, required cleanouts, and prevention of infiltration and inflow.

4. Screening Equipment: Mechanical screens, comminutors, and grinder stations will be inspected for proper operation under a clean water test. Electrical construction, controls, and alarms must be completed and operational.

5. Pumping Stations: A separate schedule of inspections and performance testing will be developed by the Inspector.