

BJWSA SEWER TAP SPECIFICATIONS 2010-2011

The intent of these specifications is to ensure that every service lateral connected to BJWSA's sewer collection system will perform properly for the life of the building it serves. Inspections will emphasize the following criteria: quality of materials used, grade maintained along the full length on the pipe, assess to the pipe in the event that service is needed, conformance to all applicable County codes and construction techniques.

1. If preexisting sewer lateral is stubbed out at a lot property line, the contractor must slope lateral to this stub out. No other taps to the gravity main or manholes shall be made without approval of the Authority. The contractor must verify location and elevation of this lateral before laying out the plumbing plans.
2. The lateral must be constructed of 4" or 6" either SDR-35 (ASTM-3034) gasketed sewer pipe or SCH-40 **DWD** PVC pipe. Do not mix pipe types. Use either all SDR-35 (ASTM-3034) or all SCH-40 **DWD** PVC. **Commercial buildings must be 6"**.
3. All Laterals using SDR-35 gasketed pipe must also use gasketed fittings. No petroleum-based pipeline shall be used. All lettering on pipe must be on top and exposed.
4. All laterals using SCH040 **DWD** PVC must use glued fittings. All fittings must have purple primer/cleaner and grey medium glue. All lettering must be on top and exposed.
5. There must be a dual sweep clean out at building and a 4" clean out at the property line. All clean outs except the one directly adjacent to the building shall include a PVC cap surrounded by a metal valve box with a sewer lid. Clean outs shall not exceed 70' apart. All bends must be separated by at least 12" of pipe.
6. The minimum finished grade of the pipe is ¼ -inch per foot on 4" and 1/8-inch per foot on 6". The Authority will determine if this grade can be modified. A minimum 1-foot cover is required for all lateral piping.
7. If an excessive number of bends are used, the Authority may require extra clean outs.
8. All clean outs must be turned towards the main and set to final finished grade.
9. Pipe must be run as straight as possible with no more than a 5% deflection. The start and finish point must be verified by a leveling instrument before laying pipe.
10. The plumber will be responsible for barricading off any open holes or ditches.
11. The contractor must call the Operations and Maintenance office at 843-987-9209 between the hours of 7:30 am and 4:00 pm to schedule sewer tap inspections for completed taps. Barring emergencies, inspections will be done on Mondays, Wednesdays, and Fridays only. Information for an inspection may be called in up to 4:00 pm the afternoon before an inspection day or fax to **843-987-9234** also it can be e-mailed to inspection@bjwsa.org. We cannot schedule a specific time for an inspection.
12. If an inspection fails or is not complete, the plumber is responsible for correcting the problem and calling the Operations and Maintenance office for a re-inspection. There will be a **\$65 re-inspection fee**. The re-inspection will be the clean out nearest the building. A copy of the approved form will be E-mailed to the proper Building Codes Department. Permanent power connection will not be allowed until the Building Codes Department is notified of the approved sewer inspection or a letter is received from BJWSA allowing permanent power but no CO.