

WOODINVILLE WATER DISTRICT GENERAL PIGGING/FLUSHING NOTES

PIGGING

1. THE CONTRACTOR SHALL PROVIDE A WRITTEN FLUSHING AND PIGGING PLAN FOR REVIEW, PRIOR TO THE PRECONSTRUCTION MEETING.
2. EVERY SEGMENT OF THE NEWLY CONSTRUCTED WATER LINE SHALL BE PIGGED. SEE WATER STANDARD PLAN 10.
3. PIGS SHALL BE SOLID FOAM CUBES THAT ARE SAFE TO BE IN CONTACT WITH DRINKING WATER. PROVISIONS SHALL BE MADE FOR THE DISTRICT INSPECTOR TO BE PRESENT TO OBSERVE THE FLUSH WATER. GLUED FOAM CUBES ARE NOT ALLOWED. FOAM DENSITIES SHALL RANGE FROM 1 LB/CF TO 1.25 LB/CF.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL PIGS ARE RECOVERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE FLUSHED WATER. IF SANITARY SEWER IS NOT AVAILABLE FOR FLUSHING, THE CONTRACTOR SHALL UTILIZE A TEMPORARY BAKER TANK OR WATER TRUCK. DISCHARGING INTO PUBLIC STORM SYSTEMS IS NOT ALLOWED.
5. PIGS SHALL BE PURCHASED FROM: FOAM RUBBER CITY; 1522 CENTRAL AVENUE SOUTH, KENT, WA 98032; 253-852-3644 OR OTHER DISTRICT APPROVED SUPPLIER. PIGS WILL BE DEFORMABLE DENSE POLYURETHANE FOAM CUBES THAT ARE TWO (2) INCHES LARGER THAN THE DIAMETER OF THE PIPE TO BE CLEANED.
EXAMPLE: 10-INCH DIAMETER FOAM CUBE FOR AN 8-INCH DIAMETER WATER MAIN.

FLUSHING

6. UPON COMPLETION OF PIPE LAYING, CHLORINATION AND PRESSURE TESTING, ALL DIRT AND FOREIGN MATTER SHALL BE REMOVED BY A THOROUGH FLUSHING. FLUSHING SHALL BE THROUGH ALL FIRE HYDRANTS, BLOW-OFFS AND OTHER APPROVED MEANS. EACH SECTION OF NEWLY INSTALLED PIPE BETWEEN VALVES OR DEAD-ENDS SHALL BE FLUSHED INDEPENDENTLY. FIRE HYDRANTS OR OTHER DEAD-END APPURTENANCES SHALL BE FLUSHED SIMULTANEOUSLY WITH THE PARRENT LINE. MINIMUM FLUSH SPEED IS 2.5 FEET PER SECOND.
7. NO FLUSHING SHALL BE PERFORMED WITHOUT THE PRIOR APPROVAL OF THE DISTRICT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESCHEDULING AND ORGANIZING THE WORK SO AS TO USE FLUSHING WATER ONLY DURING OFF-PEAK HOURS AND IN THE MOST ECONOMICAL MANNER.
9. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DISPOSAL OF CHLORINE FLUSH. AT NO TIME SHALL CHLORINATED WATER FROM A NEW WATER MAIN BE FLUSHED INTO A BODY OF FRESH WATER. THIS IS TO INCLUDE LAKES, RIVERS, STREAMS AND ANY AND ALL OTHER WATERS WHERE FISH OR OTHER NATURAL AQUATIC LIFE CAN BE EXPECTED.

10. CONTRACTOR MAY DISCHARGE CHLORINATED WATER THAT HAS BEEN NEUTRALIZED INTO THE DISTRICTS SANITARY SEWERS WHERE AVAILABLE. CONTRACTOR SHALL SUBMIT A LETTER OF REQUEST FOR DISCHARGING INTO SANITARY SEWERS PRIOR TO DISCHARGE. IF NO SANITARY SEWERS ARE PRESENT, CONTRACTOR SHALL FLUSH INTO A HOLDING TANK AND DECHLORINATE THE WATER PRIOR TO DISCHARGING TO A STORM DRAIN OR DITCH. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A BAKER TANK AND/OR WATER TRUCK IN THIS CASE.
11. THE CONTRACTOR SHALL OBTAIN NECESSARY APPROVALS FOR FLUSHING METHOD OTHER THAN BAKER TANK/WATER TRUCK OPTION.
12. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS NECESSARY TO PROVIDE ADDITIONAL FLUSHING AFTER THE CONNECTION IS MADE, IF THE INITIAL FLUSHING SPEED WAS UNDER 2.5 FEET PER SECOND. ANY ADDITIONAL FLUSHING WILL BE AT THE EXPENSE OF THE CONTRACTOR.