

1. A chlorine concentration of approximately 100 parts of chlorine per million parts of water is introduced into the water mains to produce a residual chlorine concentration of not less than 25 PPM after 24 hours.*
2. Twenty-four to forty-eight hours after introduction of chlorinated water, treated water is flushed from the water mains. (See Blowoff Schedule Below)
3. Fourty-eight hours after flushing the system, water samples are taken by City agents for bacteriological tests.* Any water use from the new system during this period will invalidate the tests, resulting in restarting test procedure at Step 2.
4. Ninety-six hours after samples are taken, confirmed tests are available.
5. If the bacteriological test shows the absence of coliform bacteria, the water mains are considered clear. In the event coliform bacteria is present, sterilization procedure is commenced again within twenty-four hours.

*Should the end of any of the foregoing periods fall on a City non-working day, the order of procedure will be continued to the next regular City working day.

BLOWOFF SCHEDULE

MAIN SIZE	REQUIRED GPM	MIN. TEMPORARY BLOWOFF SIZE
6"	264	2"
8"	470	2 1/2"
10"	734	3"
12"	1057	4"
14"	1439	6"
16"	1879	6"
18"	1378	8"

CITY OF PORTERVILLE
ENGINEERING DIVISION

Harold L. Hill 2-15-99
CITY ENGINEER R.C.E. 20186 DATE

WATER SYSTEM CONSTRUCTION SPEC'S.

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REV.