Chlorination Procedure (Option Two)

1. Schedule City for testing at least 48 hours in advance.

2. City opens isolation valve to achieve flow per attached chart (Attachment # 2).

3. Contractor mixes chlorine solution per (Attachment # 2).

4. Inject chlorine solution at the proper flow rate through a corporation stop near the isolation valve (Attachment # 2).

5. City tests chlorine content at various locations throughout the system and informs the contractor when the required chlorine concentration has been confirmed at the end of the line.

6. City closes isolation valve and contractor stops injecting solution into the line. The system is closed and left to chlorinate for 24 to 30 hours.

7. City to test chlorine level to ensure that required residual remains.

8. De-chlorinate (See following de-chlorination procedures).

De-chlorination Procedure (Option One)

1. The City will open isolation valve and feed water through the new system at a slow rate.

2. Solution for de-chlorination will be mixed with the discharged water using an adjustable inductor type pump at the end of the line. Pump will be adjusted to obtain a zero chlorine level in the discharged water.

3. After all water is de-chlorinated, install a sampling station at the end of the line. The City will test to ensure that chlorine level is at the system residual level, and then obtain a bacteria sample.

4. Once the sample has passed, the new main can be put in service by the City and turned over to the City for operation.