

7.3 WATER SUPPLY

ISSUE:

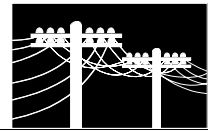
Greater Vancouver Water District supplies Richmond through three major watermain crossings. Upgrading and replacement of older watermains are being undertaken on an annual basis. Smaller pipes are being upgraded to provide adequate fire protection and serve areas experiencing higher-density development. With increasing demands for water, the City needs to undertake water conservation initiatives.

OBJECTIVE 1:

Ensure that reliable and adequate water supply and delivery systems are available to provide sufficient quantities of high-quality water at adequate pressure to meet the existing and future needs of the community.

POLICIES:

- a) Maintain distribution facilities to protect water quality, ensure a reliable supply, assure adequate flow for all user needs, and minimize water loss;
- b) Provide priority for the replacement of the existing water systems, particularly in areas that are serviced by pre-1970 water systems (asbestos cement pipes), and those areas targeted for increases in development densities;
- c) Maintain adequate flow to serve the fire protection needs of City residents and businesses;
- d) Pursue system improvements, as well as efficiencies in operation and maintenance of facilities, to reduce and conserve water, e.g. water metering;
- e) Continue City participation in the Regional Drinking Water Treatment Program;
- f) Continue to raise public awareness of the need to conserve water;
- g) Manage local water quality by means of permanent sampling stations.



Water Supply

