



Water Contamination Control

1.0 Objective:

- To prevent contamination of wholesale water pipes from other connections

2.0 Purpose

- To prevent backflow into wholesale water pipelines

3.0 Responsibility

- Manager, Work Operations and Team Leader, Pipelines

4.0 Procedure

The private supplies listed below shall be tested once a year only by an independently qualified person (IQP). IQP registrations are kept on file at Pomare Depo.

Backflow preventers that fail the test shall be serviced and retested by the IQP. The test records shall detail for each installation the two test results, one for each check valve. Backflow preventers unable to be tested or repaired shall be noted on the record form. The Manager, Work Operations and Team Leader, Pipelines are responsible for deciding whether to shut down a private supply or not, although the emphasis is on repair and retesting the backflow preventer as soon as possible.

The backflow preventers are shown on Drawing No. A1-9890/01-04-BS and their physical locations are as follows:

- (1) Te Marua, just inside gate, supplying K & P Nolden.
- (2) Branz, junction of Moonshine Road/State Highway 58, Judgeford.
- (3) Judgeford Golf Course, State Highway 58.
- (4) Murphys Road Low Level, 60 m up Murphys Road.
- (5) Murphys Road High Level on ridge between Murphys and Belmont Roads.

- (6) Belmont Road Farm, Judgeford Track by deer farm.
- (7) Workshop, Wainuiomata Reserve.
- (8) BP Horokiwi in the air valve chamber.
- (9) Silverstream Museum in MAF field off Eastern Hutt Road.
- (10) Airlie Road/State Highway 1 junction at the east of State Highway 1.
- (11) Leaseholders at Kaitoke Regional Park (Te Marua).
- (12) Ranger's house, Wainuiomata Reserve
- (13) Te Marua Pump Station Toilets (in manhole at the back of the bank, LH side of PS Diesel tank)

All maintenance, planned or unplanned, is recorded on the asset management system.