**1.0 Purpose**

The purpose of this procedure is to detail the steps for testing water for fluoride.

**2.0 Background – N/A**

**3.0 Procedure**

1. Perform a fluoride test or take fluoride reading from the automated equipment.

a. If below or equal to 1.5 mg/L, go to step 2

b. If above 1.5 mg/L, go to step 3

1. Fluoride is below or equal to 1.5 mg/L – adjust fluoride metering pump to operate at between 0.9 to 1.4 mg/L and resume normal operation.
2. Do a fluoride test to confirm results:

a. if below or equal to 1.5 mg/L go to step 4

b. if above 1.5 mg/L go to step 5

1. Repeat fluoride test again:

a. if below or equal to 1.5 mg/L go to step 2

b. if above 1.5 mg/L go to step 5

Note: Must have 2 consecutive below or equal to 1.5 mg/L test results to return to step 2

1. Fluoride at above 1.5 mg/L:

a. advise supervisor who will contact appropriate personnel

b. adjust fluoride metering pump to operate at between 0.9 to 1.4 mg/L

Town Manager/Clerk: Signature: Date:

Perform a Fluoride test

Yes

Advise Supervisor -

Adjust fluoride metering pump to operate at between 0.9 to 1.4 mg/L

No

Yes

Is fluoride <= 1.5 mg/L?

No

Yes

Perform a Fluoride test to confirm result

Is fluoride <= 1.5 mg/L?

Perform a Fluoride test

No

Adjust fluoride pump to operate at between 0.9 to 1.4 mg/L -

Resume normal operation

Is fluoride <= 1.5 mg/L?