



Distribution System Materials Inventory

Water System Name Town of Evergreen

Water System ID 1009006

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I. Distribution System Piping

A. Estimated Total System Piping 50 Miles _____ Ft

B. Estimated Pipe Size Breakdown

2 inch <u>16</u> %	12 inch _____ %
4 inch <u>27</u> %	16 inch _____ %
6 inch <u>56</u> %	20 inch _____ %
8 inch 1 %	24 inch _____ %
10 inch _____ %	Other _____ %

C. Estimated Piping Material Breakdown

Lead _____ %	Cement Lined _____ %
Copper _____ %	PVC <u>82</u> %
Cast Iron <u>16</u> %	PE _____ %
Mild Steel _____ %	Wood _____ %
AC _____ %	Galvanized <u>2</u> %
Concrete _____ %	Other _____ %

D. Estimated 5 Year Growth 1%

E. Plans for Future Growth and/or Replacement

Lead _____%	Cement Lined _____%
Copper _____%	PVC <u>1</u> _____%
Cast Iron _____%	PE _____%
Mild Steel _____%	Wood _____%
AC _____%	Other _____%
Concrete _____%	

II. **Services**

A. Present Number 740

B. Estimated 5 Year Growth 1%

C. Present Service Materials

Lead _____%	Galvanized PVC _____%
Copper <u>1</u> _____%	Other _____%
PE <u>99</u> _____%	

D. Plans for Future Growth and/or Replacement

Lead _____%	Galvanized <u>✓</u> _____%
Copper <u>1</u> _____%	Other _____%
PE _____%	

III. Customer Plumbing

A. Age of Dwellings Estimate

Prior 1960 _____ %

1960-1988 25 %

1988-2000 50 %

2000-Present 25 %

B. Estimate of Customer Plumbing Materials

Lead _____ %

PVC 85 %

Copper _____ %

PE _____ %

Galvanized 15 %

Other _____ %

Cast Iron _____ %

IV. Does the System Utilize a Corrosion Control Program?

Yes _____

No _____

If Yes, what program is employed:

1. pH Elevation Yes _____ No _____

pH Target Range _____

2. Phosphate Addition Yes _____ No _____

What Type of Phosphate Blend? TP1124

Orthophosphate Yes _____ No _____

Zinc/Orthophosphate Yes _____ No _____

Polyphosphate Yes _____ No _____

Zinc/Polyphosphate Yes _____ No _____

Ortho/Polyphosphate Blend Yes _____ No _____

3. Target Range at POE

Orthophosphate (Test Result) _____

Zinc (Test Result) _____

Polyphosphate (Calculated) _____

4. Does the Target Range Inclusive of Naturally Occurring Phosphate?

Yes _____ No _____

C & L Aqua Professionals, Inc.

Routine Water Analysis Results Report

System Evergreen, Town of

Date Tested 10/19/2017

Sample Site Well #2, #3 #4 - Ground Storage

Tested By Donna Boudreaux

Products Used Phosphate Product Name TP1124
 Zinc Orthophosphate Product Name _____
 Other _____

Target Phosphate Dosage 2.00

Chlorine Residual 2.04

Natural Phosphate 0.68

pH Reading 7.4

Phosphate Test Results 2.28

Pump Setting	<u>50/50</u>	Product	<u>TP1124</u>
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Pump Setting	_____	Product	_____

Chemical Metering Pump Inspection

Pumps are primed with no leaks detected and physical appearance is good.

Recommendations

*Although it is shown as part of the target phosphate residual, the natural phosphate residual taken from the raw water sample does not offer any corrosion or sequestering properties.

Thousand Micron Filter Vacuum Test Results: (If Applicable)

Clear Light Moderate Dark

Comments:

Entered By: _____

Reviewed By: _____

Reviewed By: _____