

Distribution System Materials Inventory

Water System Name CITY OF HAMMOND

Water System ID 1105009

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I. Distribution System Piping

A. Estimated Total System Piping 100 Miles _____ Ft

B. Estimated Pipe Size Breakdown

2 inch <u>5</u> %	12 inch <u>1</u> %
4 inch <u>25</u> %	16 inch <u>NONE</u> %
6 inch <u>38</u> %	20 inch <u>NONE</u> %
8 inch <u>30</u> %	24 inch <u>NONE</u> %
10 inch <u>1</u> %	Other <u>NONE</u> %

C. Estimated Piping Material Breakdown

Lead <u><1</u> %	Cement Lined <u>0</u> %
Copper <u>0</u> %	PVC <u>65</u> %
Cast Iron <u>32</u> %	PE <u>1</u> %
Mild Steel <u>0</u> %	Wood <u>0</u> %
AC <u>1</u> %	Galvanized <u>0</u> %
Concrete <u>0</u> %	Other <u>0</u> %

D. Estimated 5 Year Growth < 5000 LF - < 1%

E. Plans for Future Growth and/or Replacement

Lead 0 %

Cement Lined 0 %

Copper 0 %

PVC < 1 %

Cast Iron 0 %

PE 0 %

Mild Steel 0 %

Wood 0 %

AC 0 %

Other 0 %

Concrete 0 %

II. Services

A. Present Number 8000

B. Estimated 5 Year Growth 500

C. Present Service Materials

Lead < 1 % (< 20)

Galvanized PVC 10 %

Copper 10 %

Other 0 %

PE 80 %

D. Plans for Future Growth and/or Replacement

Lead 0 %

Galvanized 0 %

Copper 0 %

Other 0

PE 100 %

III. Customer Plumbing

A. Age of Dwellings Estimate

Prior 1960 20 %

1960-1988 40 %

1988-2000 30 %

2000-Present 10 %

B. Estimate of Customer Plumbing Materials

Lead <1 % (<20)

PVC 30 %

Copper 5 %

PE 0 %

Galvanized 60 %

Other _____ %

Cast Iron 0 %

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?

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) N/A

Zinc (Test Result) N/A

Polyphosphate (Calculated) N/A

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

Yes _____ No ✓