

# Distribution System Materials Inventory

Water System Name TANBIPAHUA WATER DISTRICT

Water System ID 1105008

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## I. Distribution System Piping

A. Estimated Total System Piping 435 Miles \_\_\_\_\_ Ft

### B. Estimated Pipe Size Breakdown

2 inch 2 %      12 inch 5 %

4 inch 4 %      16 inch 2 %

6 inch 55 %      20 inch 0 %

8 inch 26 %      24 inch 0 %

10 inch 5 %      Other <1 %

### C. Estimated Piping Material Breakdown

Lead 0 %      Cement Lined <1 %

Copper 0 %      PVC 90 %

Cast Iron 0 %      PE 5 %

Mild Steel <1 %      Wood 0 %

AC 4 %      Galvanized <1 %

Concrete 0 %      Other — %

D. Estimated 5 Year Growth UNK

E. Plans for Future Growth and/or Replacement

Lead 0 %

Copper 0 %

Cast Iron 0 %

Mild Steel 0 %

AC 0 %

Concrete 0 %

Cement Lined 41 %

PVC 94 %

PE 5 %

Wood 0 %

Other 0 %

II. Services

A. Present Number 18,406

B. Estimated 5 Year Growth 2500 - 3000 over 5 yrs

C. Present Service Materials

Lead 0 %

Copper 0 %

PE 100 %

Galvanized PVC 0 %

Other 0 %

D. Plans for Future Growth and/or Replacement

Lead 0 %

Copper 0 %

PE \_\_\_\_\_ %

Galvanized 41 %

Other \_\_\_\_\_

III. Customer Plumbing

A. Age of Dwellings Estimate

Prior 1960 3 %

1960-1988 12 %

1988-2000 40 %

2000-Present 45 %

B. Estimate of Customer Plumbing Materials

Lead 0 %

PVC 30 %

Copper 50 %

PE 15 %

Galvanized 5 %

Other \_\_\_\_\_ %

Cast Iron 0 %

IV. Does the System Utilize a Corrosion Control Program?

Yes \_\_\_\_\_ No X

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) \_\_\_\_\_

Zinc (Test Result) \_\_\_\_\_

Polyphosphate (Calculated) \_\_\_\_\_

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

Yes \_\_\_\_\_      No \_\_\_\_\_