

Distribution System Materials Inventory

Water System Name City of DeRidder

Water System ID 1011001

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I. Distribution System Piping

A. Estimated Total System Piping 70 Miles 300 Ft

B. Estimated Pipe Size Breakdown

2 inch <u>2</u> %	12 inch <u>5</u> %
4 inch <u>37</u> %	16 inch <u>0</u> %
6 inch <u>40</u> %	20 inch <u>0</u> %
8 inch <u>9</u> %	24 inch <u>0</u> %
10 inch _____ %	Other _____ %

C. Estimated Piping Material Breakdown

Lead <u>2</u> %	Cement Lined <u>0</u> %
Copper <u>3</u> %	PVC <u>15</u> %
Cast Iron <u>30</u> %	PE <u>5</u> %
Mild Steel <u>0</u> %	Wood <u>0</u> %
AC <u>15</u> %	Galvanized <u>30</u> %
Concrete <u>0</u> %	Other <u>0</u> %

D. Estimated 5 Year Growth Unknown

E. Plans for Future Growth and/or Replacement

Lead 0 %

Copper 0 %

Cast Iron 0 %

Mild Steel 0 %

AC 0 %

Concrete 0 %

Cement Lined 0 %

PVC 100 %

PE 0 %

Wood 0 %

Other 0 %

II. Services

A. Present Number 4500

B. Estimated 5 Year Growth 5000

C. Present Service Materials

Lead 1 %

Copper 1 %

PE 28 %

Galvanized PVC 70 %

Other %

D. Plans for Future Growth and/or Replacement

Lead 0 %

Copper 0 %

PE 100 %

Galvanized 0 %

Other 0

III. Customer Plumbing

A. Age of Dwellings Estimate

Prior 1960 45 %

1960-1988 35 %

1988-2000 5 %

2000-Present 15 %

B. Estimate of Customer Plumbing Materials

Lead 0 %

PVC 60 %

Copper 10 %

PE _____ %

Galvanized 30 %

Other _____ %

Cast Iron _____ %

IV. Does the System Utilize a Corrosion Control Program?

Yes X No _____

If Yes, what program is employed:

1. pH Elevation Yes X No _____

pH Target Range 7.0-7.4

2. Phosphate Addition Yes X No _____

What Type of Phosphate Blend?

Orthophosphate Yes _____ No _____

Zinc/Orthophosphate Yes X No _____

Polyphosphate Yes _____ No _____

Zinc/Polyphosphate Yes _____ No _____

Ortho/Polyphosphate Blend Yes _____ No _____

3. Target Range at POE

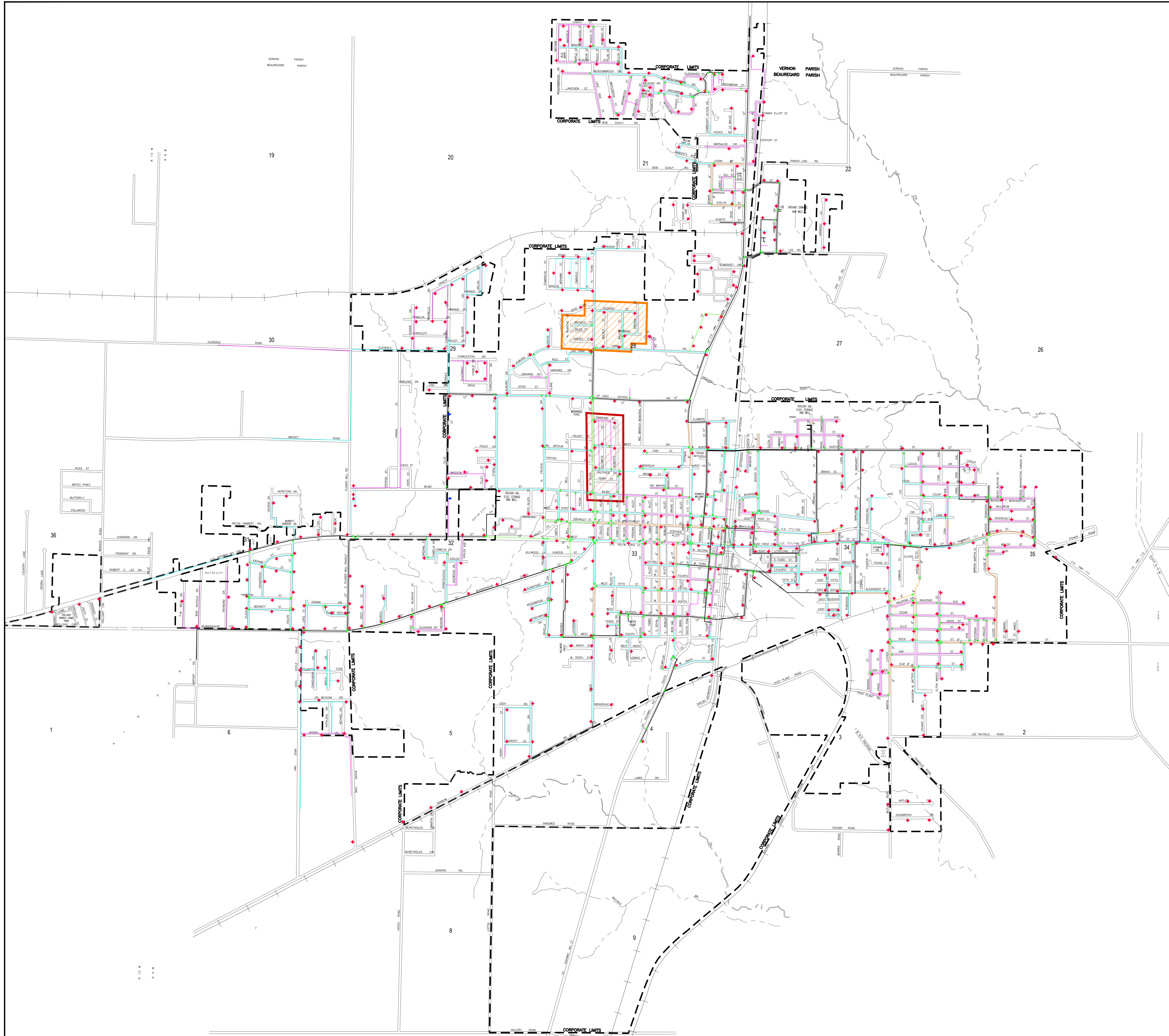
Orthophosphate (Test Result) _____ 2.30 _____

Zinc (Test Result) _____ 0.68 _____

Polyphosphate (Calculated) _____

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

Yes _____ No X _____



LEGEND

- LOCATIONS KNOWN TO HAVE COPPER SERVICES
- LOCATIONS KNOWN TO HAVE LEAD SERVICES

CITY OF DeRIDDER
BEAUREGARD PARISH, LOUISIANA
**LEAD & COPPER RULE
MATERIALS INVENTORY MAP**

Prepared By:
Meyer & Associates, Inc.

FEBRUARY 2018 1" = 1,000'