



Figure V-1
Existing System & Proposed Improvements
Amana Colonies
2015

Legend

Proposed Water Main
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Existing Water Main
Size

- 4" & Smaller Water Main
- 6" Water Main
- 8" & Larger Water Main

New EST, EL = 940.0
Alt. 1 Improvements - 75,000 Gal
Alt. 2 Improvements - 50,000 Gal

Water Main Improvements
New Parallel 8" Main

35,000 Gal EST
EL = 849.4

New Pump Station
to East Amana
Alt. 1 Improvements

Water Main Improvements
New 8" Main to
Loop Main Amana

East Amana

25,000 Gal EST
EL = 829.3

Well 10

New EST, EL = 920.0
Alt. 2 Improvements - 200,000 Gal
Alt. 3 Improvements - 250,000 Gal

25,000 Gal EST
EL = 827.0

New Pump Station
All Improvement Alts.

West Amana

High Amana

New Supply Wells
Alt. 3 Improvements

Water Main Improvements
Replace 4" Main
with New 8" Main

Water Main Improvements
Alt. 1 - New 8" to
Connect to New
Pressure Zone

Mill's
Pond

Well 6

75,000 Gal EST
EL = 844.1

Main Amana

Wells 3 & 5

75,000 Gal EST
EL = 844.1

Middle Amana

0 250 500 1,000 1,500 2,000 2,500 Feet
1 inch = 2,500 feet

HRGreen