

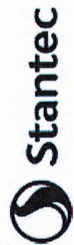
- Facilities**
- Booster Station
 - Reservoir
 - Water Treatment Plant
 - Pressure Reducing Valve
 - Red Deer City Limits
 - Growth Analysis Boundaries
- Pressure**
- <250 kPa (36.3 psi)
 - 250 - 300 kPa (36.3 - 43.5 psi)
 - 300 - 400 kPa (43.6 - 58.0 psi)
 - 400 - 500 kPa (58.0 - 72.5 psi)
 - 500 - 600 kPa (72.5 - 87.0 psi)
 - 600 - 650 kPa (87.0 - 94.0 psi)
 - 650 - 700 kPa (94.0 - 101.5 psi)
 - 700 - 750 kPa (101.5 - 105.8 psi)
 - >750 kPa (105.8 psi)
- Velocity**
- >1.5 m/s
 - 1.25 - 1.5 m/s
 - 1.0 - 1.25 m/s
 - 0.5 - 1.0 m/s
 - 0.0 - 0.5 m/s

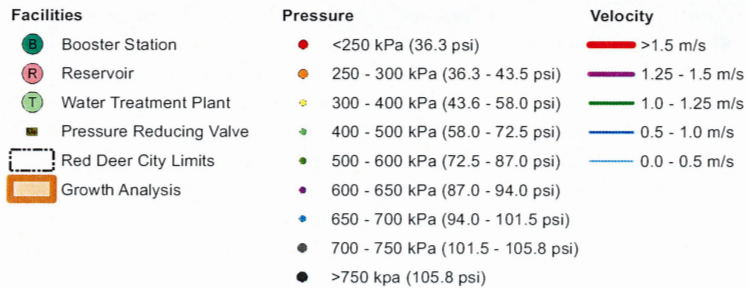
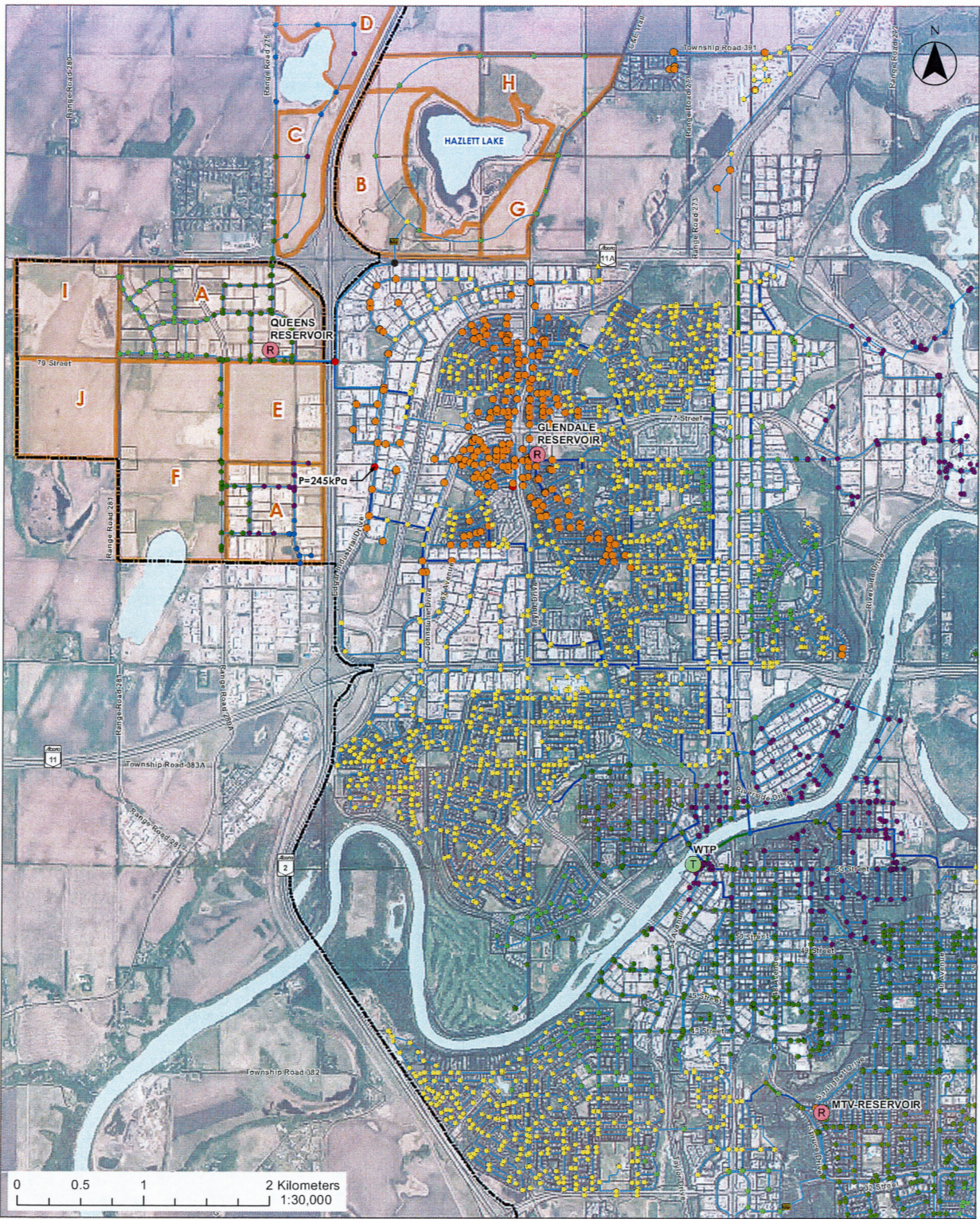
0 0.5 1 2 Kilometers
1:30,000

Completed By: AL
Date: 6/16/2023

Project No.: 110770564

Figure 6.11: Scenario 3 Pressures and Pipe Velocities in the MDD Filling - Current Standard
City of Red Deer Water Model Update
City of Red Deer





Completed By: AL
Date: 6/23/2023

Project No.: 110170064



Figure 6.12: Scenario 3
Pressures and Pipe Velocities in the Night Filling - Current Standard
City of Red Deer Water Model Update
City of Red Deer

S:\Data\622523\915110\AM User\aldr...
 C:\GFC\...
 ...

