

Figure 3-8
Model Predicted
Available Fire Flow
Maximum Day Demand
(July 21-22, 2011
System Demand: 6.7 MG)

Model Predicted Available Fire Flow (gpm)

- < 500
- 501 1000
- 1001 2000
- 2001 3000
- 9 3001 3500
- >3500

—— Water Main

- Pump Station
- w Well
- Tank
- PRV
- PIV
- WTP WTP



Tighe&Bond

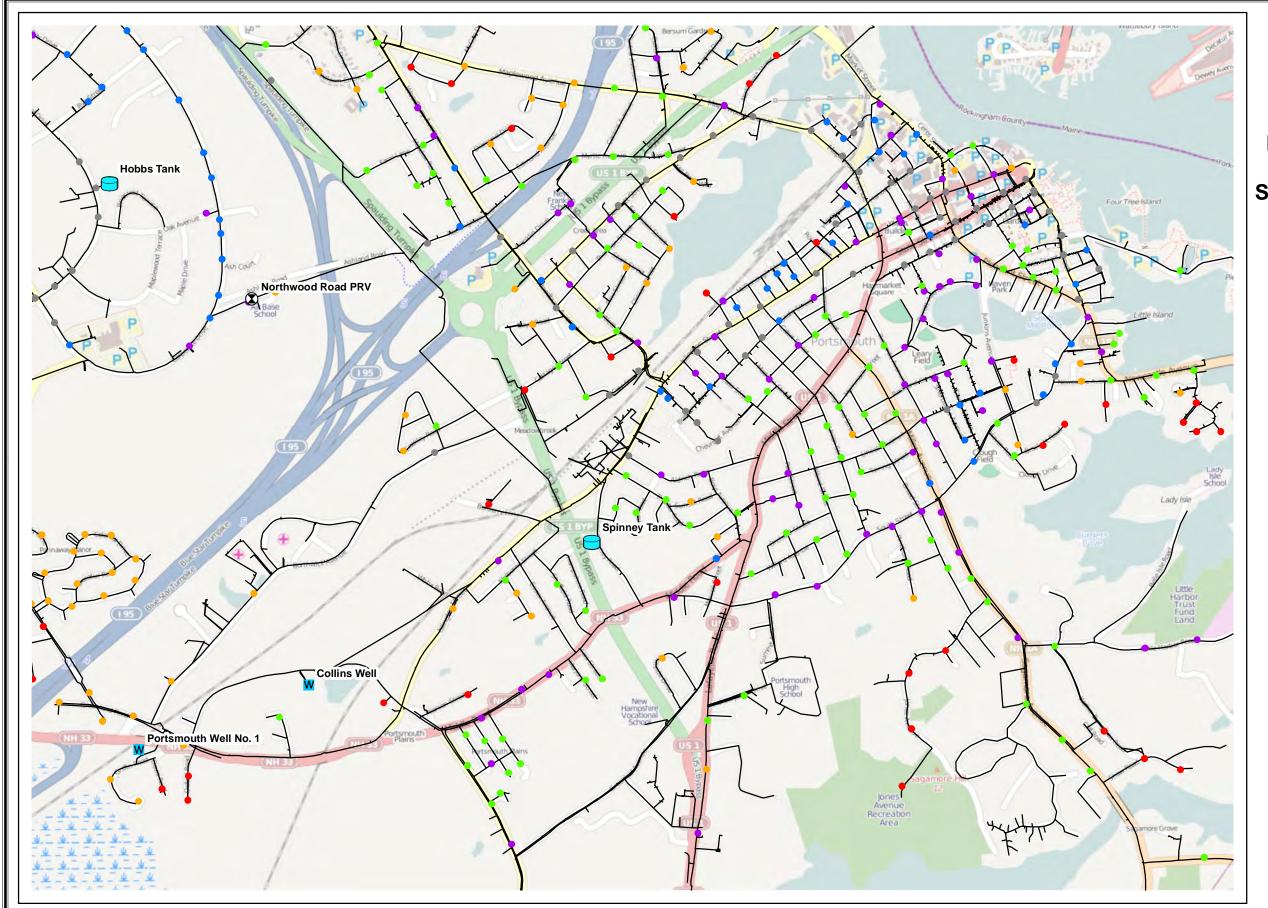


Figure 3-9
Model Predicted
Available Fire Flow
Downtown Area
Maximum Day Demand
(July 21-22, 2011
System Demand: 6.7 MG)

Model Predicted Available Fire Flow (gpm)

- <500
- 501 1000
- 1001 2000
- 2001 3000
- 3001 3500
- >3500

—— Water Main

Pump Station

w Well

Tank

PRV

PIV

WTP WTP



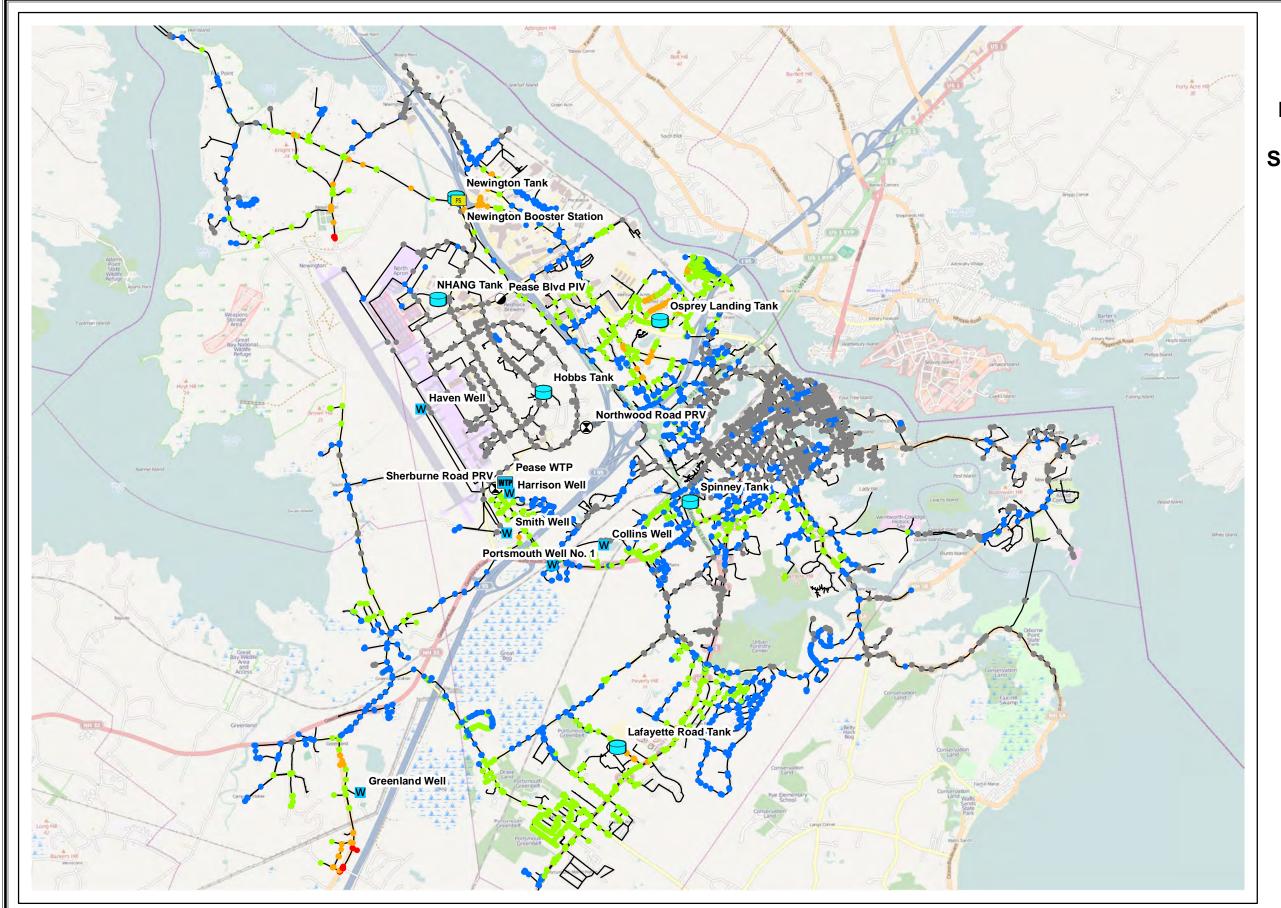


Figure 3-10
Model Predicted
Minimum Pressure
Maximum Day Demand
(July 21-22, 2011
System Demand: 6.7 MG)

Model Predicted Minimum Pressure (psi)

- **<20**
- 21 35
- 36 45
- 46 55
- >55

—— Water Main

- Pump Station
- w Well
- Tank
- PRV
- PIV
- WTP WTP



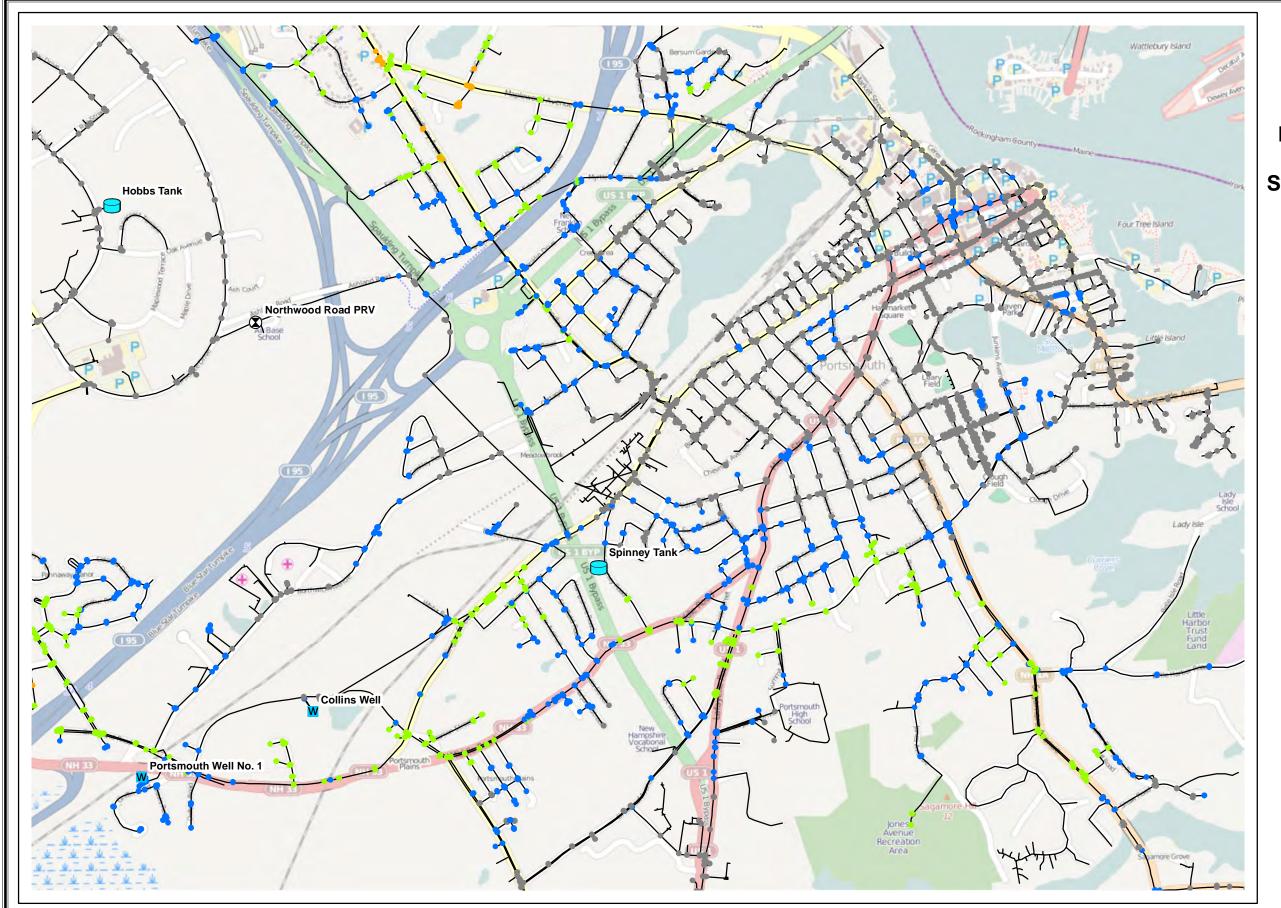


Figure 3-11
Model Predicted
Minimum Pressure
Downtown Area
Maximum Day Demand
(July 21-22, 2011
System Demand: 6.7 MG)

Model Predicted Minimum Pressure (psi)

- **•** <20
- 21 35
- 36 45
- 46 55
- >55
- —— Water Main
- Pump Station
 - w Well
- Tank
- PRV
- PIV
- WTP WTP



