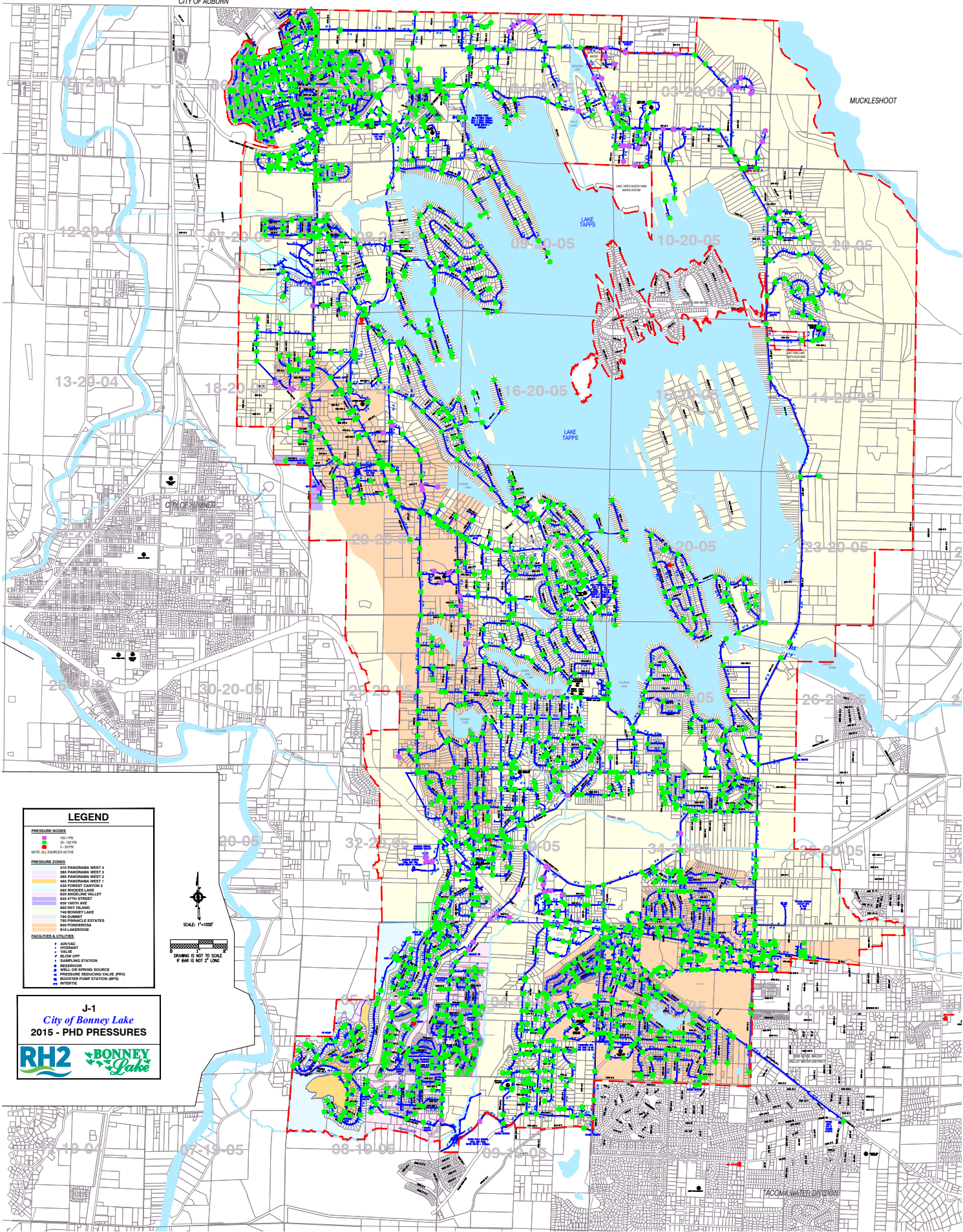


Appendix J
Hydraulic Model Results

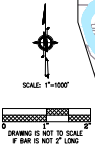
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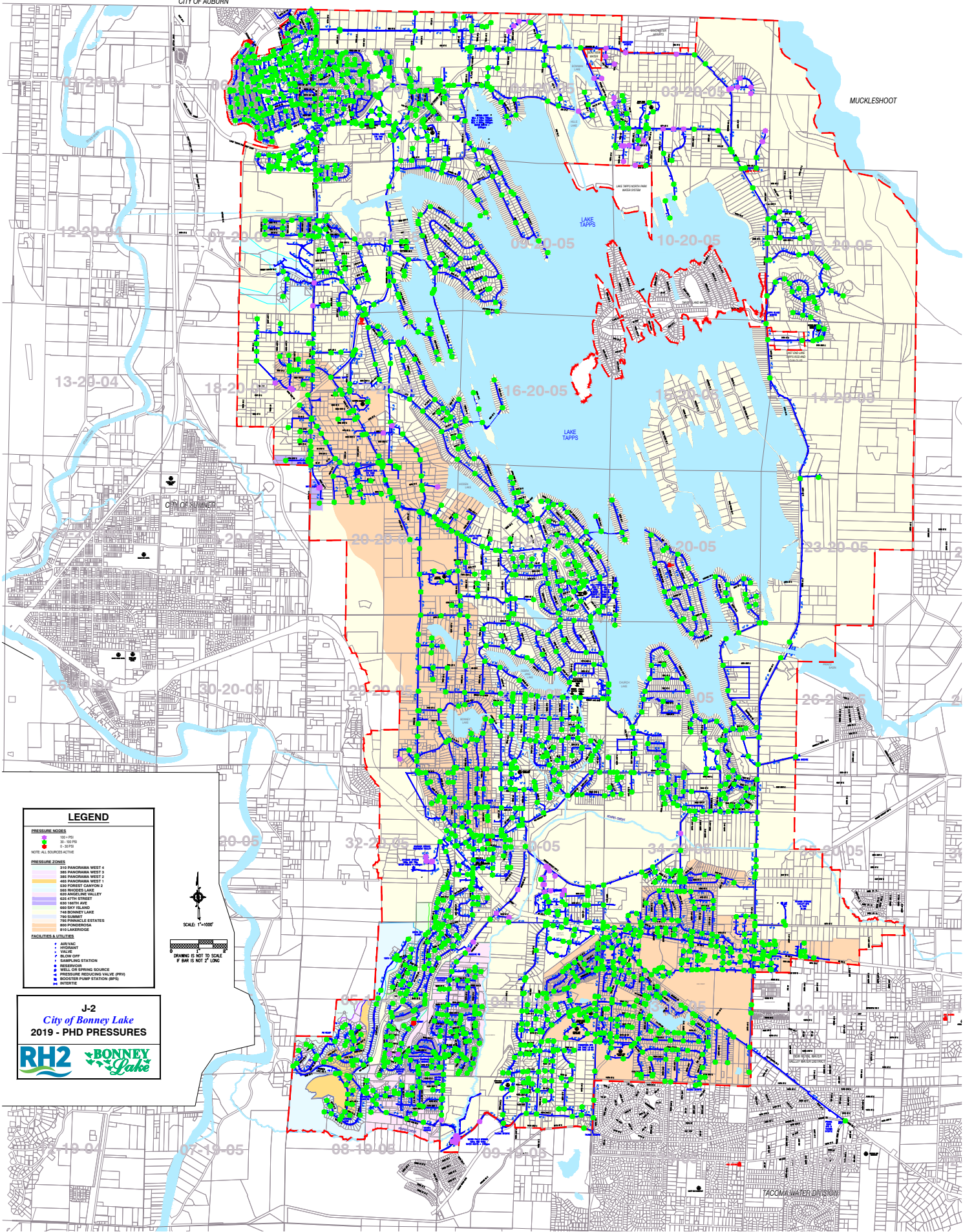
LEGEND

- PRESSURE NODES**
- 10-15 PSI
 - 30-35 PSI
 - 0-20 PSI
- NOTE: ALL SOURCES ACTIVE
- PRESSURE ZONES**
- 310 PANORAMA WEST 4
 - 380 PANORAMA WEST 3
 - 380 PANORAMA WEST 2
 - 480 PANORAMA WEST 1
 - 530 FOREST CANYON 2
 - 620 BONNEY LAKE
 - 630 ANGLELINE VALLEY
 - 624 4TH STREET
 - 630 16TH AVE
 - 625 BONNY ISLAND
 - 740 BONNET LAKE
 - 740 SUMMIT
 - 750 PONDURCA LAKESIDES
 - 800 PONDURCA
 - 810 LAVERGNE
- FACILITIES & UTILITIES**
- ▲ AIR VALVE
 - ▲ INVERT
 - ▲ VALVE
 - ▲ BLOW OFF
 - ▲ SAMPLING STATION
 - ▲ RESERVOIR
 - ▲ WELL OR SPRING SOURCE
 - ▲ PRESSURE REDUCING VALVE (PRV)
 - ▲ BOOSTER PUMP STATION (BPS)
 - ▲ WASTEWATER



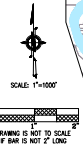
DRAWING IS NOT TO SCALE
IF BAR IS NOT 2" LONG

J-1
City of Bonney Lake
2015 - PHD PRESSURES



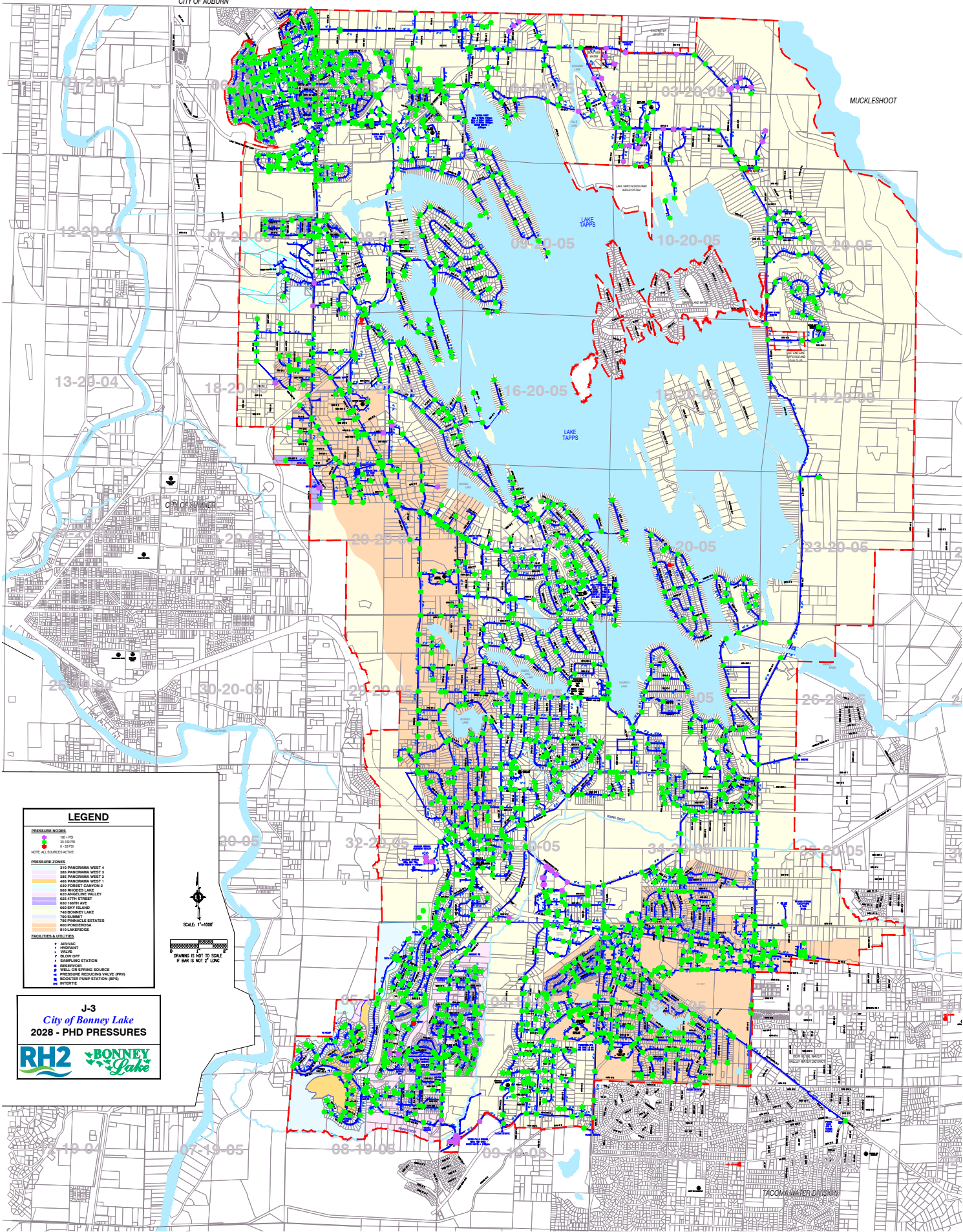
LEGEND

- PRESSURE NODES**
- 100 PSI
 - 30 - 100 PSI
 - 0 - 30 PSI
- NOTE: ALL SOURCES ACTIVE
- PRESSURE ZONES**
- 310 PANORAMA WEST 4
 - 380 PANORAMA WEST 3
 - 380 PANORAMA WEST 2
 - 480 PANORAMA WEST 1
 - 530 FOREST CANYON 2
 - 530 FOREST CANYON 1
 - 630 ANGLELINE VALLEY
 - 625 KYLE STREET
 - 630 164TH AVE
 - 625 BERRY ISLAND
 - 740 BONNET LAKE
 - 740 SUMMIT
 - 750 PONDURCA & DECATES
 - 800 PONDURCA
 - 810 LAVERGNE
- FACILITIES & UTILITIES**
- AIR VALVE
 - FIREWATER
 - VALVE
 - BLOW OFF
 - SAMPLING STATION
 - RESERVOIR
 - WELL OR SPRING SOURCE
 - PRESSURE REDUCING VALVE (PRV)
 - BOOSTER PUMP STATION (BPS)
 - WEBSITE



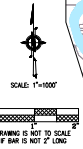
DRAWING IS NOT TO SCALE
IF BAR IS NOT 2" LONG

J-2
City of Bonney Lake
2019 - PHD PRESSURES

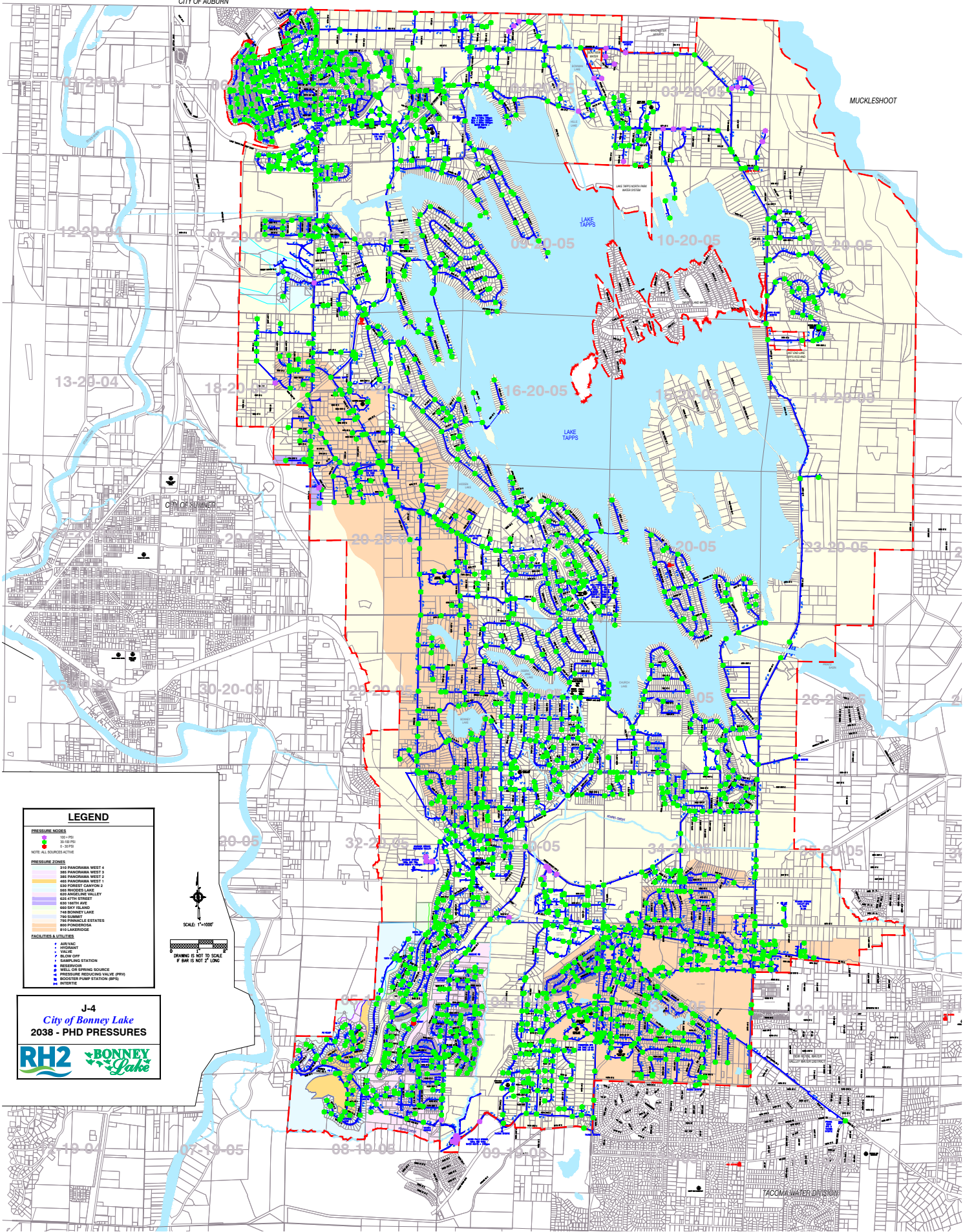


LEGEND

- PRESSURE ZONES**
- 310 PANORAMA WEST 4
 - 380 PANORAMA WEST 3
 - 480 PANORAMA WEST 2
 - 530 FOREST CANYON 2
 - 620 BONNEY LAKE
 - 630 ANGLELINE VALLEY
 - 624 CYRIL STREET
 - 630 164TH AVE
 - 626 BONNY ISLAND
 - 740 BONNET LAKE
 - 750 SUMMIT
 - 800 PONDUROSA
 - 810 LAVERGNE
- FACILITIES & UTILITIES**
- AWFVAC
 - INFLUENT
 - WFOC
 - BLOW OFF
 - WATERING STATION
 - RESERVOIR
 - WELL OR SPRING SOURCE
 - PRESSURE REDUCING VALVE (PRV)
 - BOOSTER PUMP STATION (BPS)
 - WETWELL

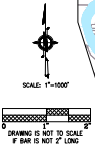


J-3
 City of Bonney Lake
 2028 - PHD PRESSURES

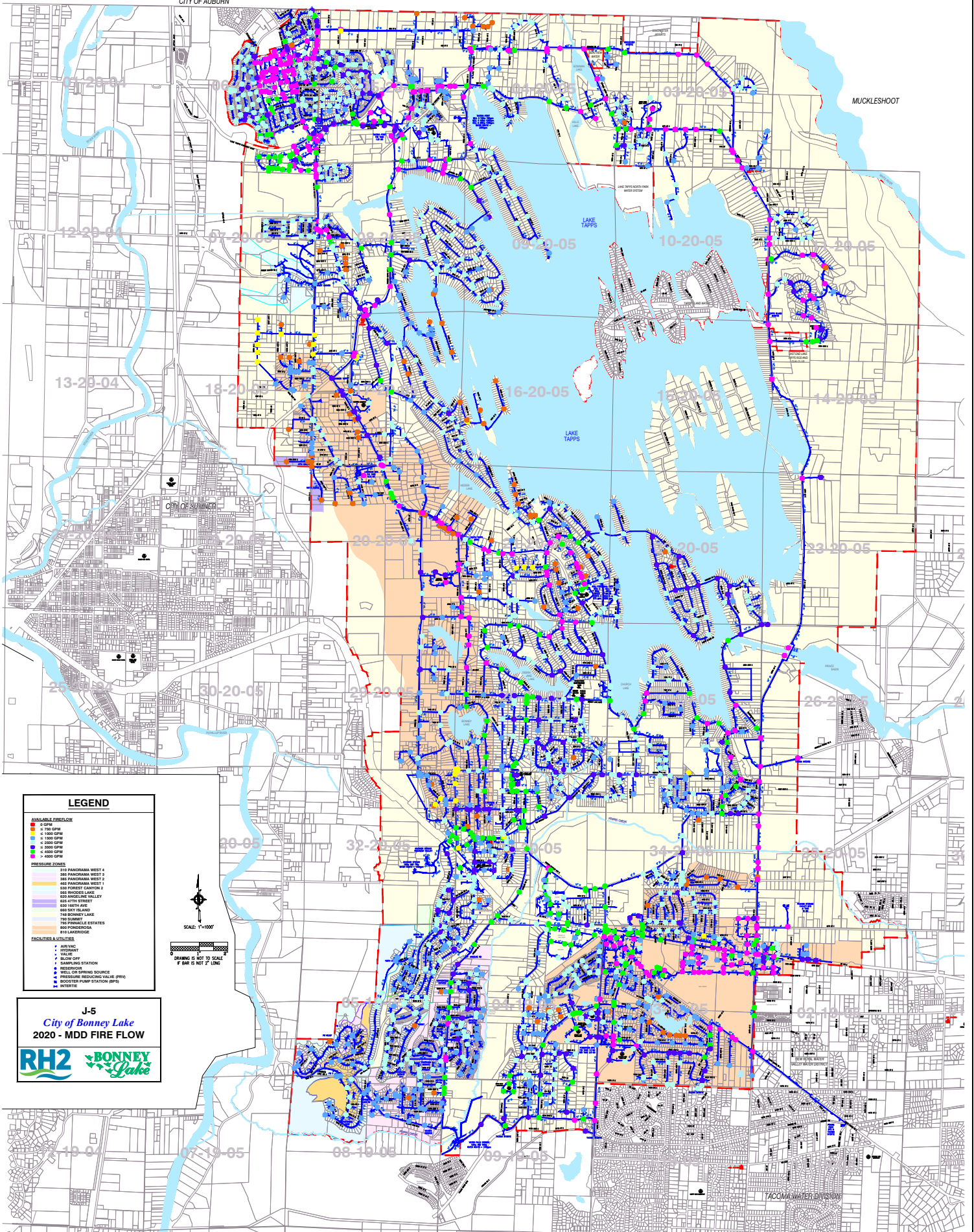


LEGEND

- PRESSURE NODES**
- 100 PSI
 - 30-100 PSI
 - 0-30 PSI
- NOTE: ALL SOURCES ACTIVE
- PRESSURE ZONES**
- 310 PANORAMA WEST 4
 - 300 PANORAMA WEST 3
 - 280 PANORAMA WEST 2
 - 260 PANORAMA WEST 1
 - 230 FOREST CANYON 2
 - 210 FOREST CANYON 1
 - 180 ANGLELINE VALLEY
 - 150 ANGLELINE VALLEY
 - 120 164TH AVE
 - 100 BONNEY ISLAND
 - 750 BONNET LAKE
 - 700 SUMMIT
 - 600 PONDURSCA LAKESIDES
 - 500 PONDURSCA
 - 310 LAVERGNE
- FACILITIES & UTILITIES**
- ▲ AIR VALVE
 - ▲ INVERT
 - ▲ VALVE
 - ▲ BLOW OFF
 - ▲ SAMPLING STATION
 - ▲ RESERVOIR
 - ▲ WELL OR SPRING SOURCE
 - ▲ PRESSURE REDUCING VALVE (PRV)
 - ▲ BOOSTER PUMP STATION (BPS)
 - ▲ WETWELL

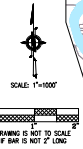


J-4
City of Bonney Lake
2038 - PHD Pressures



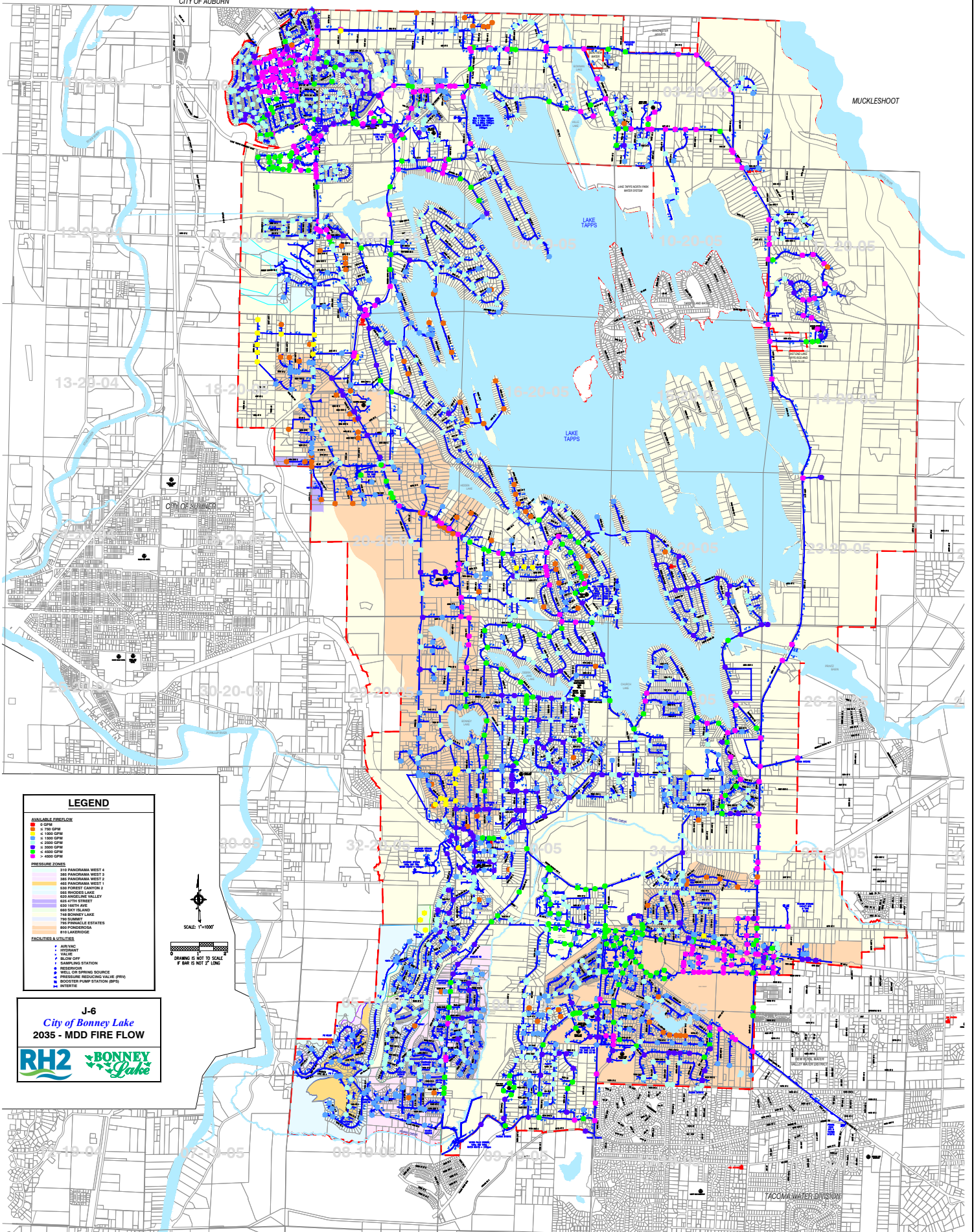
LEGEND

- AVAILABLE FLOW/ZONE**
- 0 GPM
- < 100 GPM
- < 1000 GPM
- < 2000 GPM
- < 3000 GPM
- < 4000 GPM
- > 4000 GPM
- PRESSURE ZONES**
- 310 PANORAMA WEST 4
- 385 PANORAMA WEST 2
- 385 PANORAMA WEST 1
- 485 PANORAMA WEST 3
- 530 FOREST CANYON 2
- 530 FOREST CANYON 1
- 620 ANGLELINE VALLEY
- 625 KYLE STREET
- 630 166TH AVE
- 635 BERRY ISLAND
- 740 BONNET LAKE
- 740 SUMMIT
- 800 PONDUROSA 1
- 800 PONDUROSA 2
- 810 LAURELIDGE
- FACILITIES & UTILITIES**
- HYDRANT
- VALVE
- BLOW OFF
- WATERING STATION
- RESERVOIR
- WELL OR SPRING SOURCE
- PRESSURE REDUCING VALVE (PRV)
- BOOSTER PUMP STATION (BPS)
- WETWELL



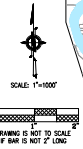
SPACING IS NOT TO SCALE
IF BAR IS NOT 2" LONG

J-5
City of Bonney Lake
2020 - MDD FIRE FLOW



LEGEND

- AVAILABLE FLOW/CLASS**
- 0 GPM
- < 750 GPM
- < 1000 GPM
- < 1500 GPM
- < 2000 GPM
- < 3000 GPM
- < 4000 GPM
- > 4000 GPM
- PRESSURE ZONES**
- 310 PANORAMA WEST 4
- 385 PANORAMA WEST 3
- 385 PANORAMA WEST 2
- 485 PANORAMA WEST 1
- 530 FOREST CANYON 2
- 530 FOREST CANYON 1
- 630 ANGLELINE VALLEY
- 625 KYLE STREET
- 630 168TH AVE
- 630 BONNET LAKE
- 630 BONNET ISLAND
- 730 SUMMIT
- 730 PONDICIA CREEK
- 800 PONDICIA
- 815 LANDERIDGE
- FACILITIES & UTILITIES**
- AWT VALVE
- HYDRANT
- VALVE
- BLOW OFF
- WATERING STATION
- RESERVOIR
- WELL OR SPRING SOURCE
- PRESSURE REDUCING VALVE (PRV)
- BOOSTER PUMP STATION (BPS)
- WETWELL



SCALE: 1"=100'

SPACING IS NOT TO SCALE
IF BAR IS NOT 2" LONG

J-6
City of Bonney Lake
2035 - MDD FIRE FLOW