

Figure C.5: Trace Analysis Results for the Lancaster Pumping Station as the Trace Source under Average Day Demand Scenario

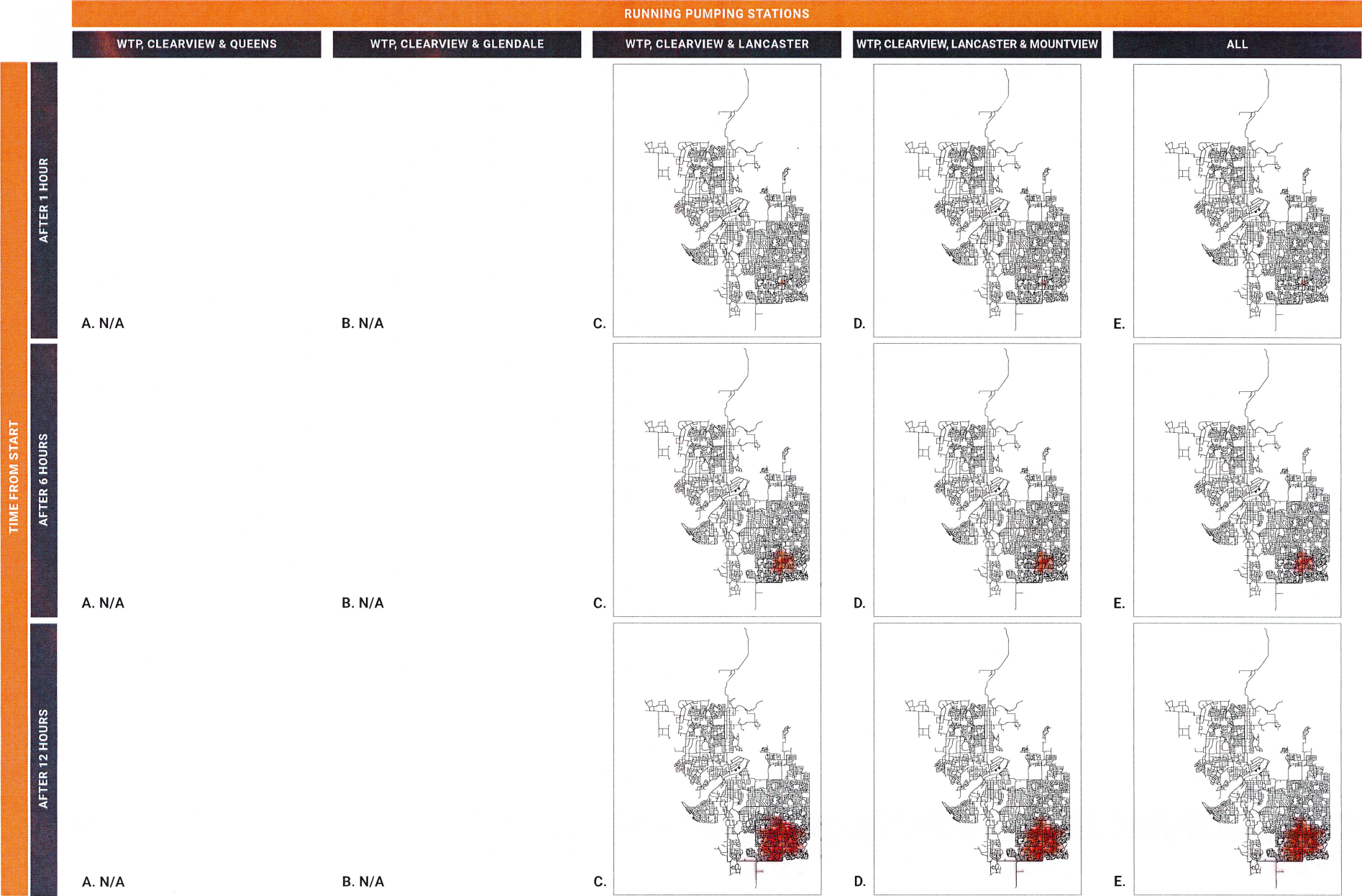


Figure C.6: Trace Analysis Results for the Mountview Pumping Station as the Trace Source under Average Day Demand Scenario



Figure C.7: Trace Analysis Results for the Water Treatment Plant as the Trace Source under Maximum Day Demand Scenario



Figure C.8: Trace Analysis Results for the Clearview Pumping Station as the Trace Source under Maximum Day Demand Scenario

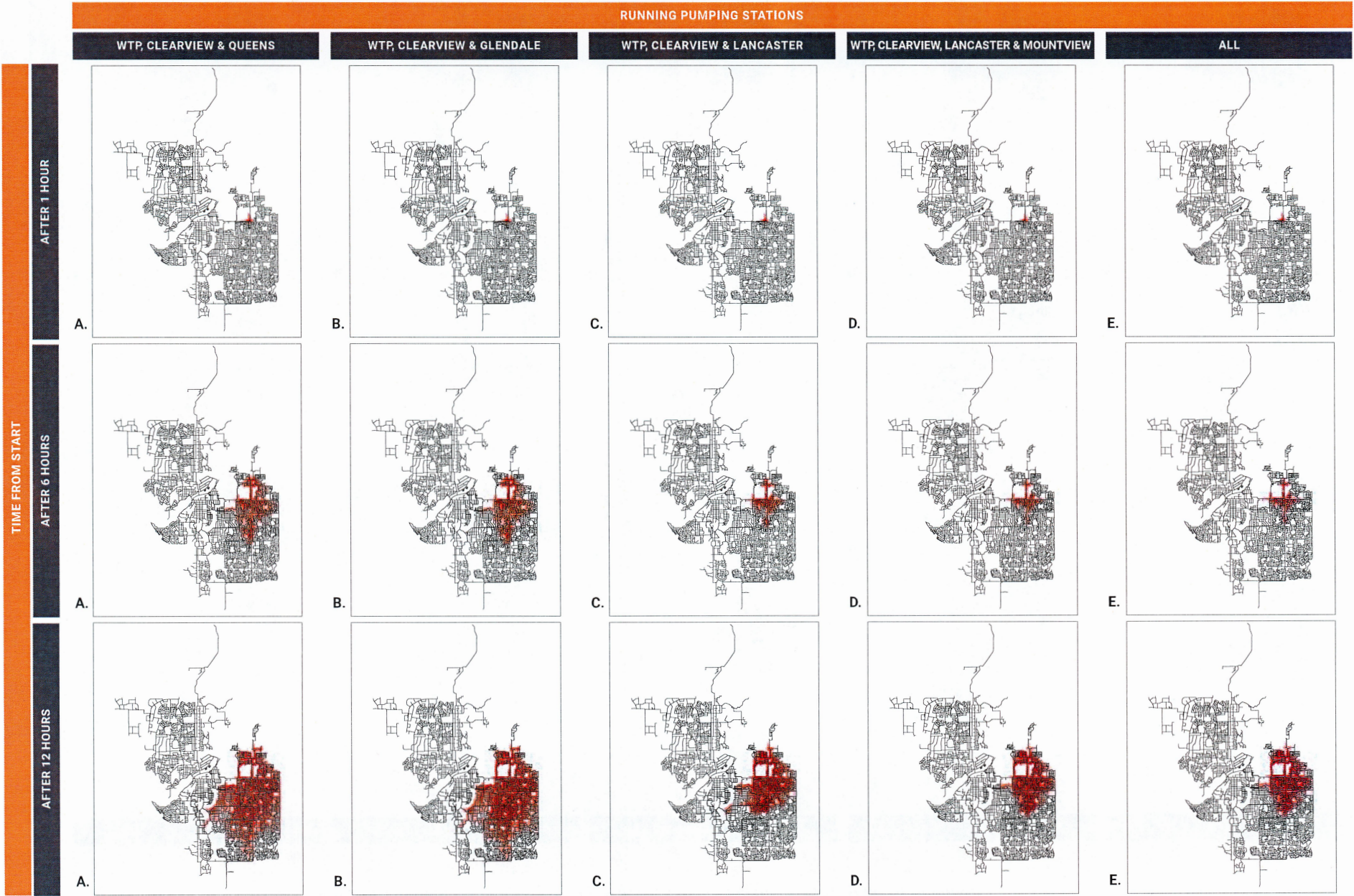


Figure C.9: Trace Analysis Results for the Queens Pump Station as the Trace Source under Maximum Day Demand Scenario



Figure C.10: Trace Analysis Results for the Glendale Pumping Station as the Trace Source under Maximum Day Demand Scenario

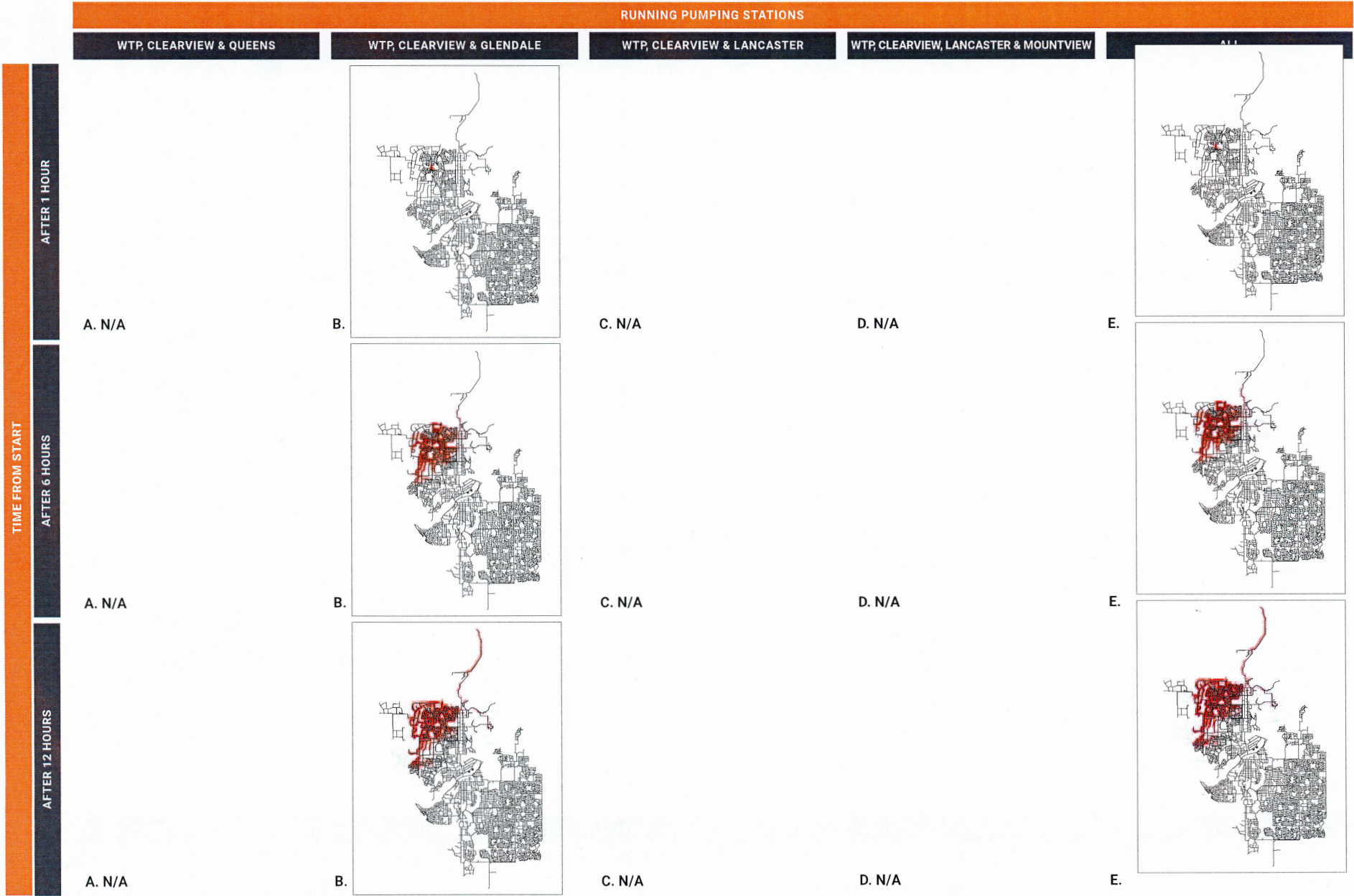


Figure C.11: Trace Analysis Results for the Lancaster Pumping Station as the Trace Source under Maximum Day Demand Scenario

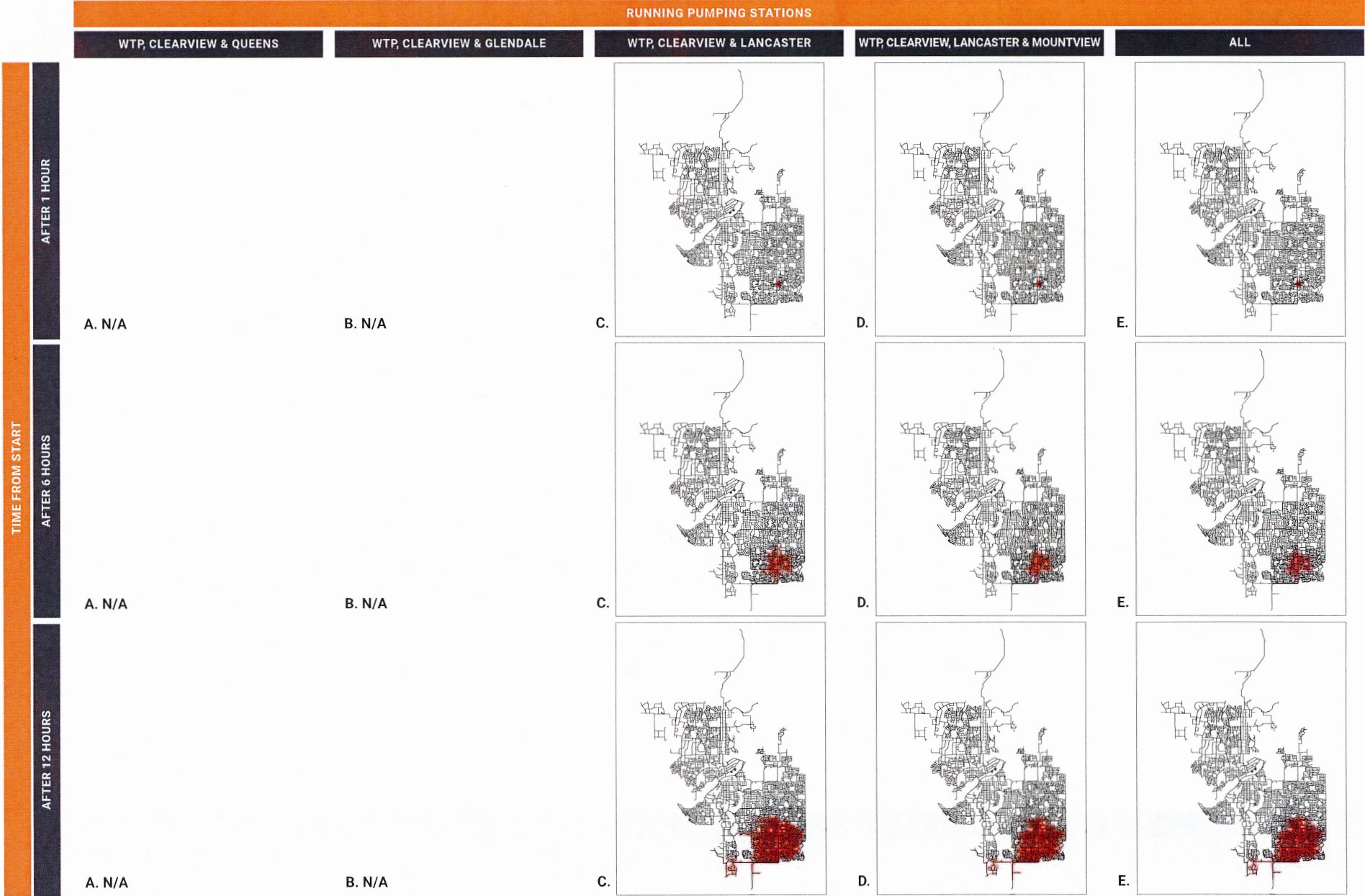
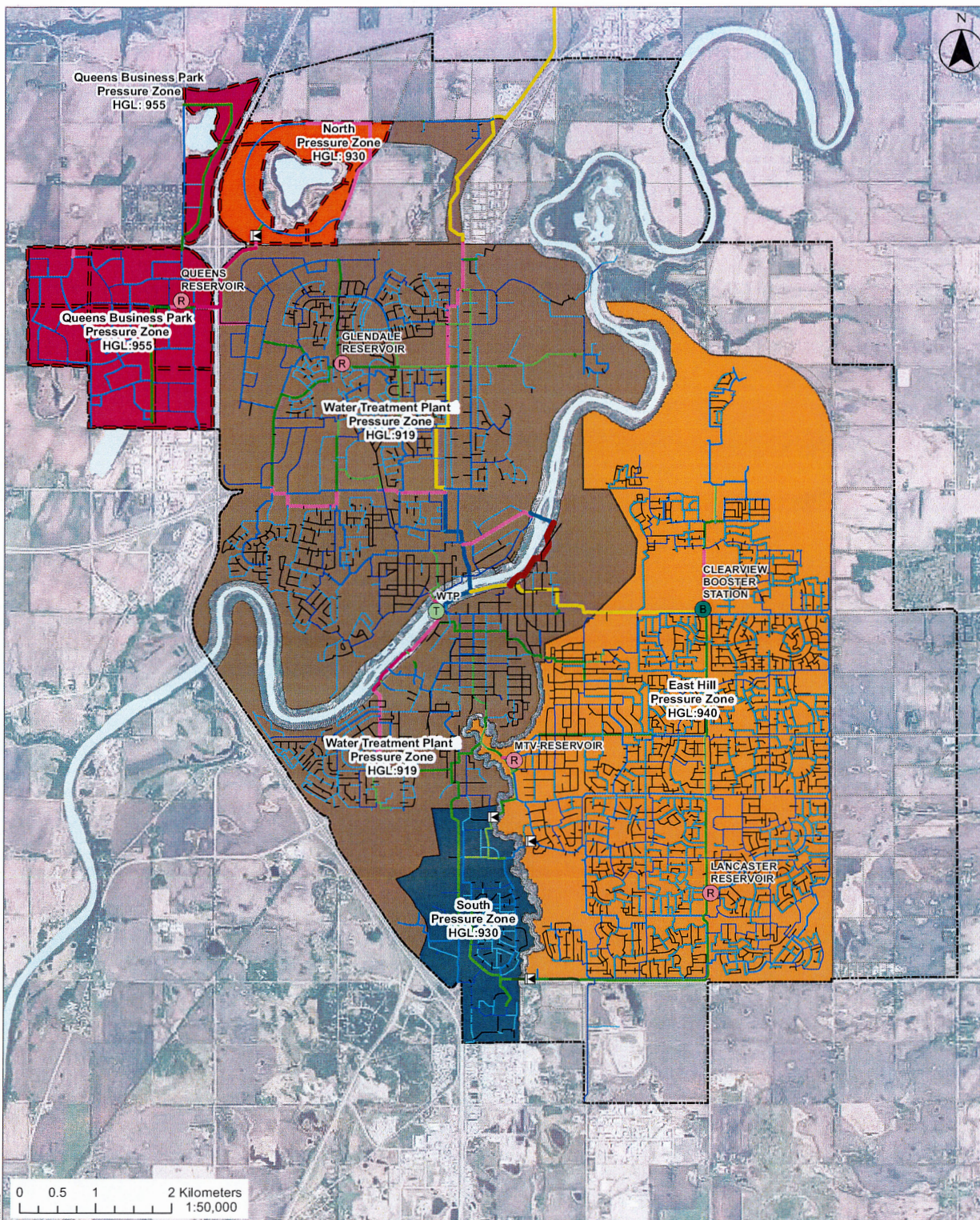


Figure C.12: Trace Analysis Results for the Mountview Pumping Station as the Trace Source under Maximum Day Demand Scenario



**Appendix D Water System Pressure Zones With Future Growth
Developments**



- Red Deer City Limits
- Future Growth Areas
- Pressure Reducing Valve

- Pressure Zone**
- East Hill Pressure Zone
 - Queens Business Park Pressure Zone
 - North Pressure Zone
 - South Pressure Zone
 - Water Treatment Plant Pressure Zone

- Pipe Network Diameter**
- 50 mm
 - 100 mm
 - 150 mm
 - 200 mm
 - 250 mm
 - 300 mm
 - 350 mm
 - 400 mm
 - 450 mm
 - 500 mm
 - 600 mm
 - 750 mm
 - 900 mm
 - 1050 mm
 - 1200 mm
 - >1200 mm pipe diameter color swatch"/> >1200 mm

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