APPENDIX

D

STORMWATER MODEL CALIBRATION DATA AND MIKE + MIGRATION

APPENDIX

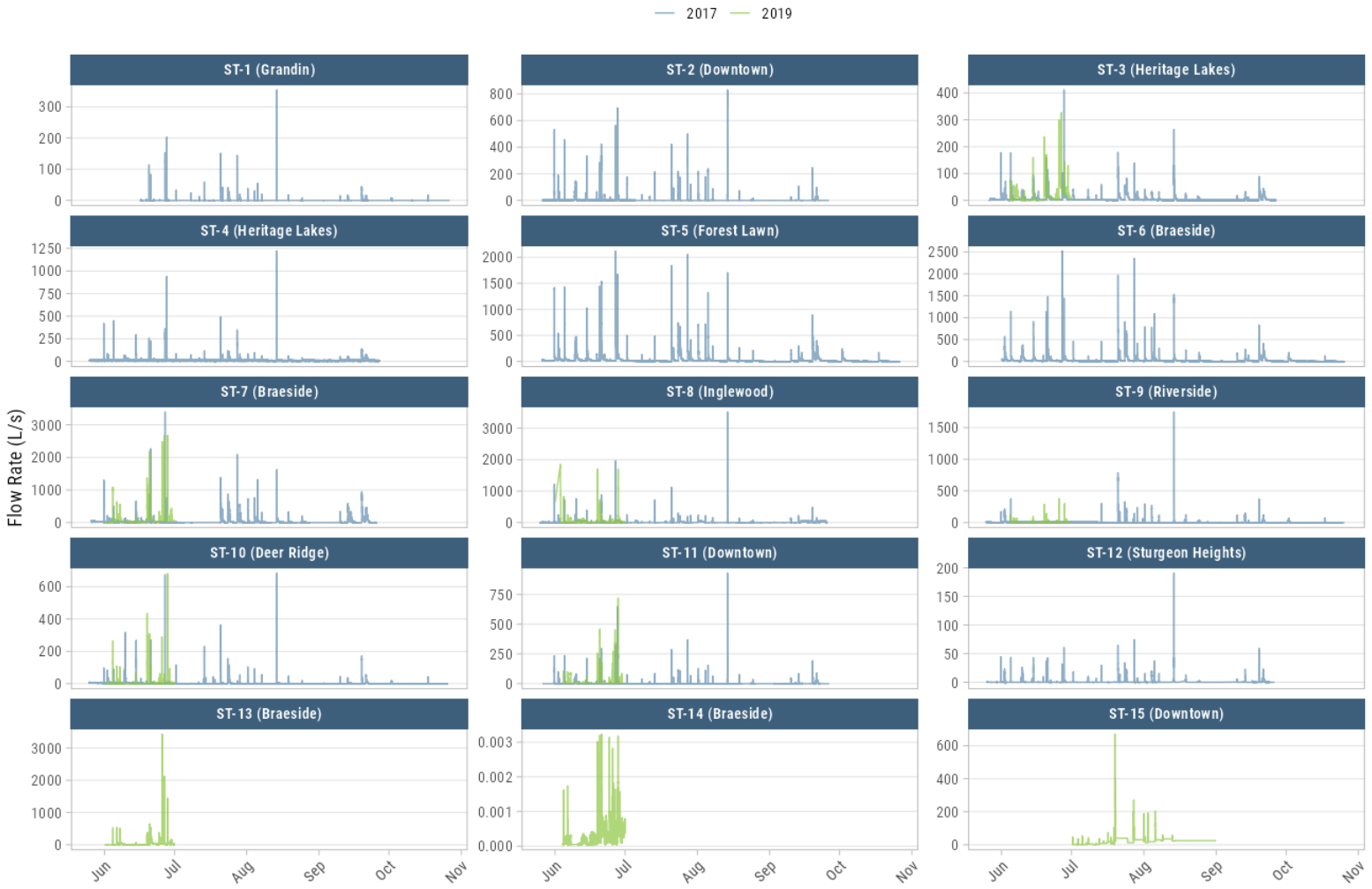


Figure D-1: Monitored Sewer Flow Data for 2017 and 2019

APPENDIX

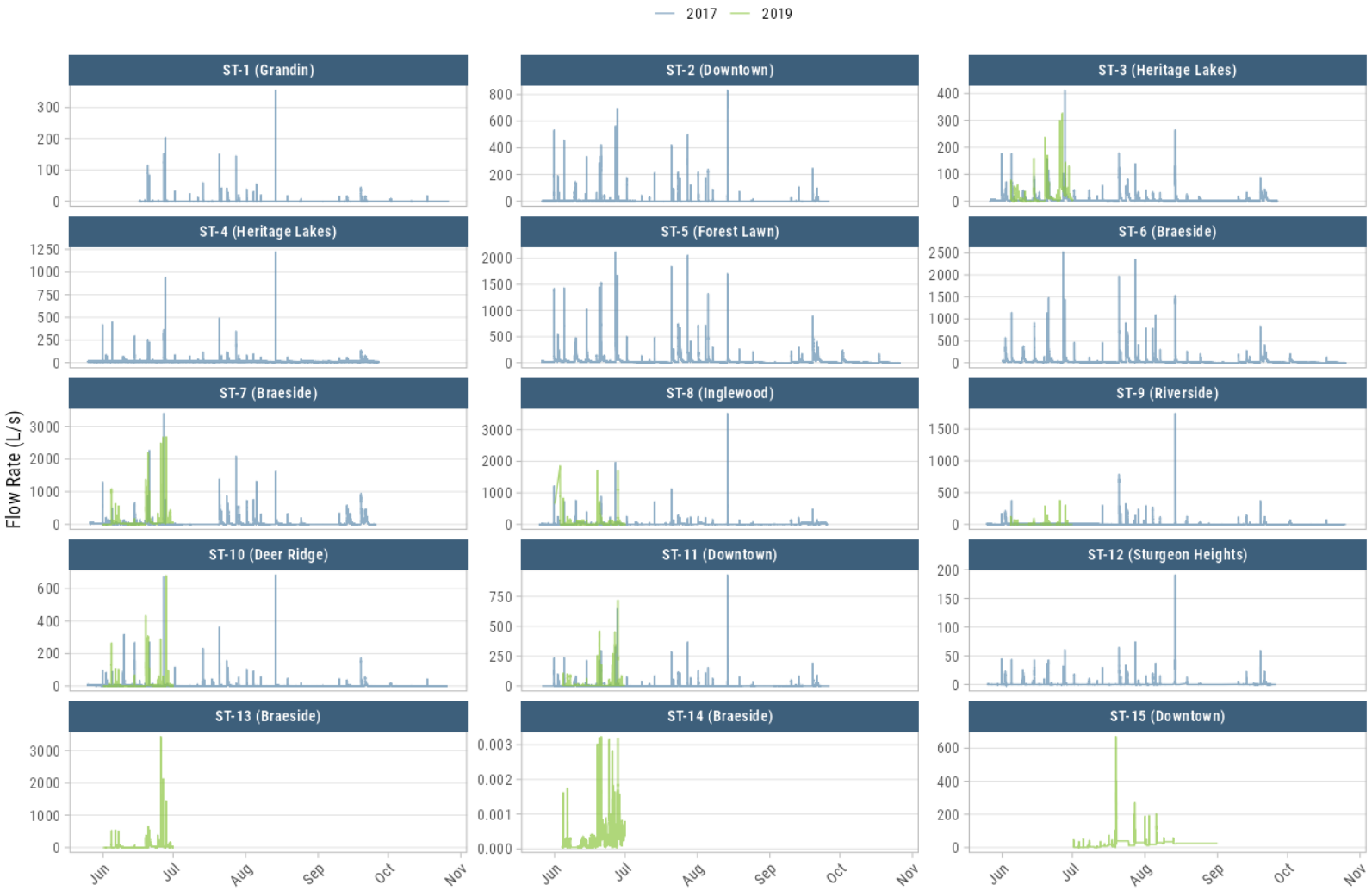
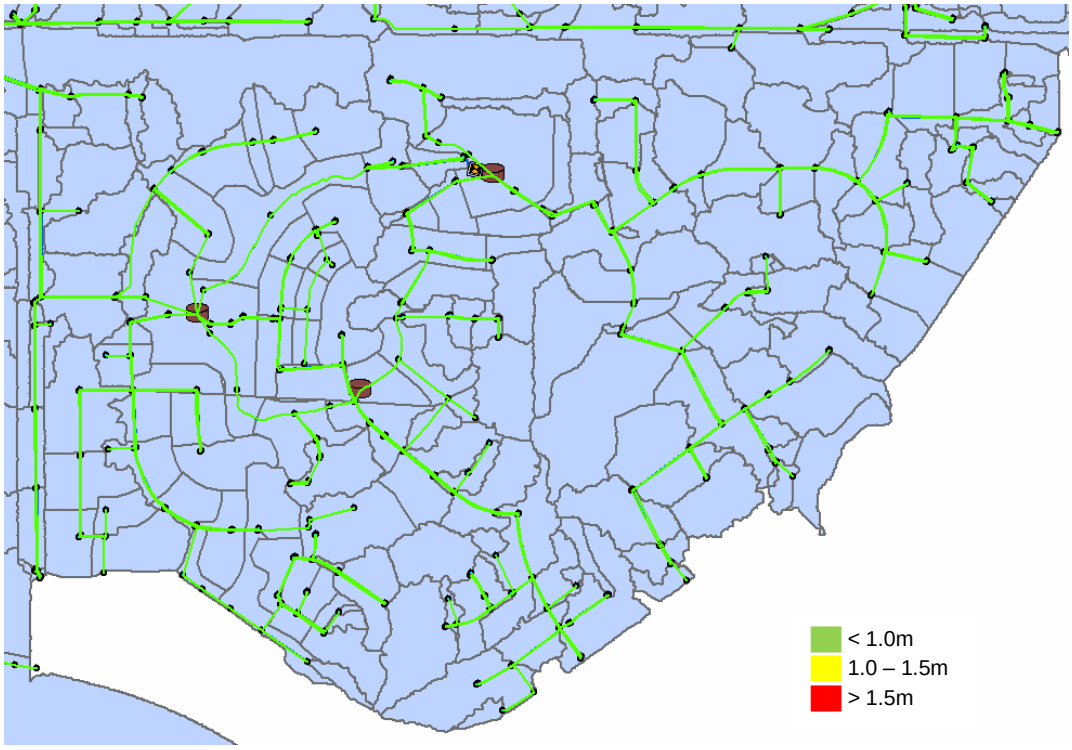
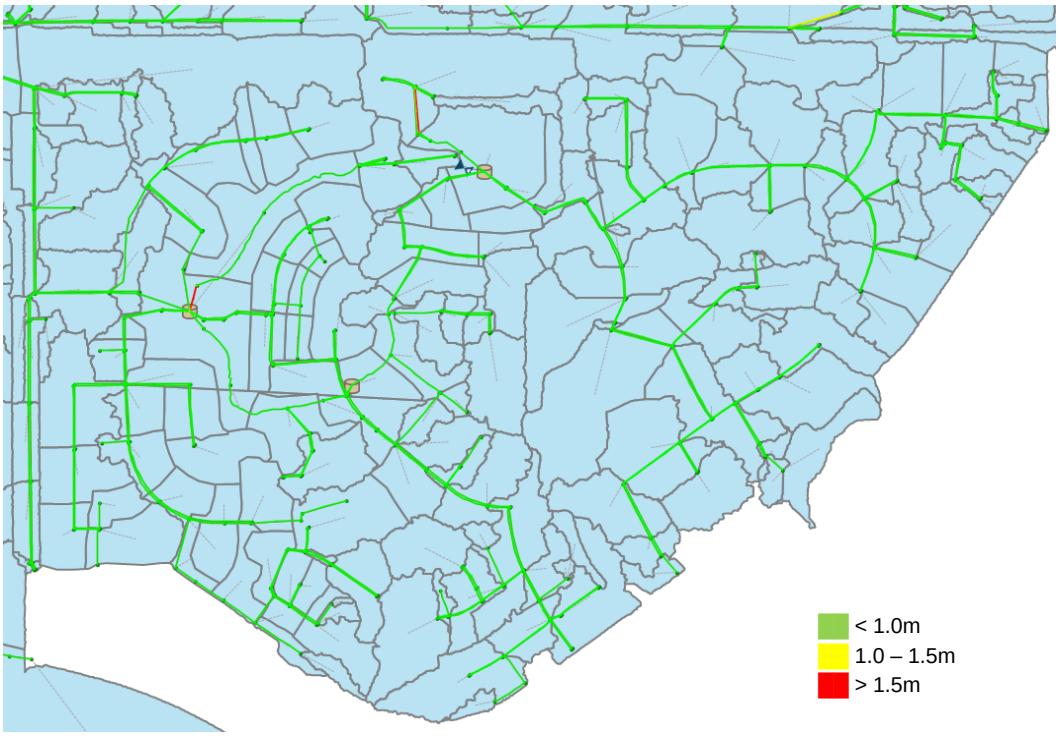


Figure D-2: Collected Rain Gauge Data for 2017 and 2019

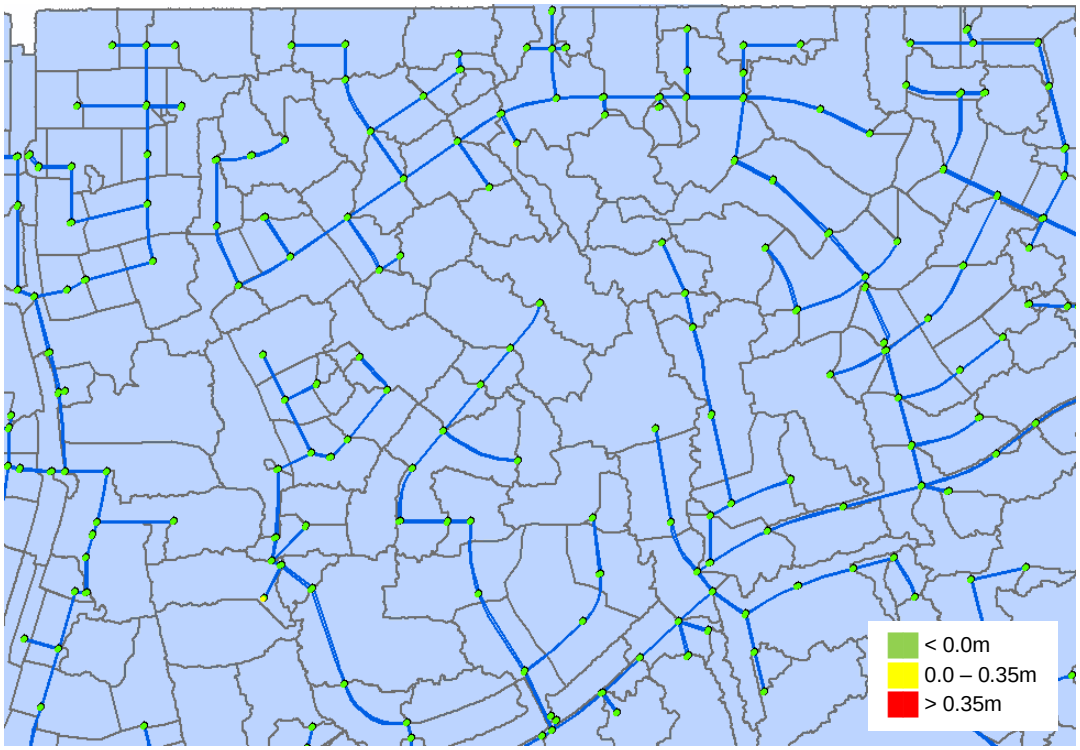


a. MIKE URBAN

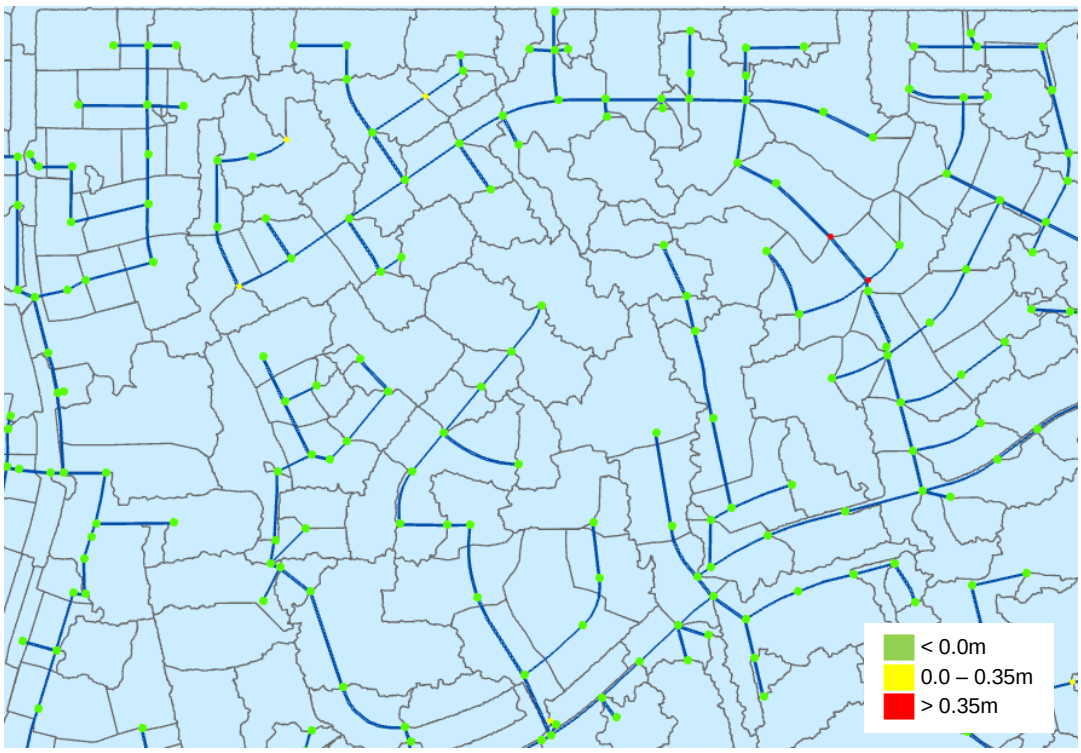


b. MIKE+

Figure D-3: Comparison of Pipe Capacity in South Heritage Lake Between MIKE URBAN and MIKE+ Results



a. MIKE URBAN



b. MIKE+

Figure D-4: Comparison of Node Flooding in Deer Ridge Between MIKE URBAN and MIKE+ Results

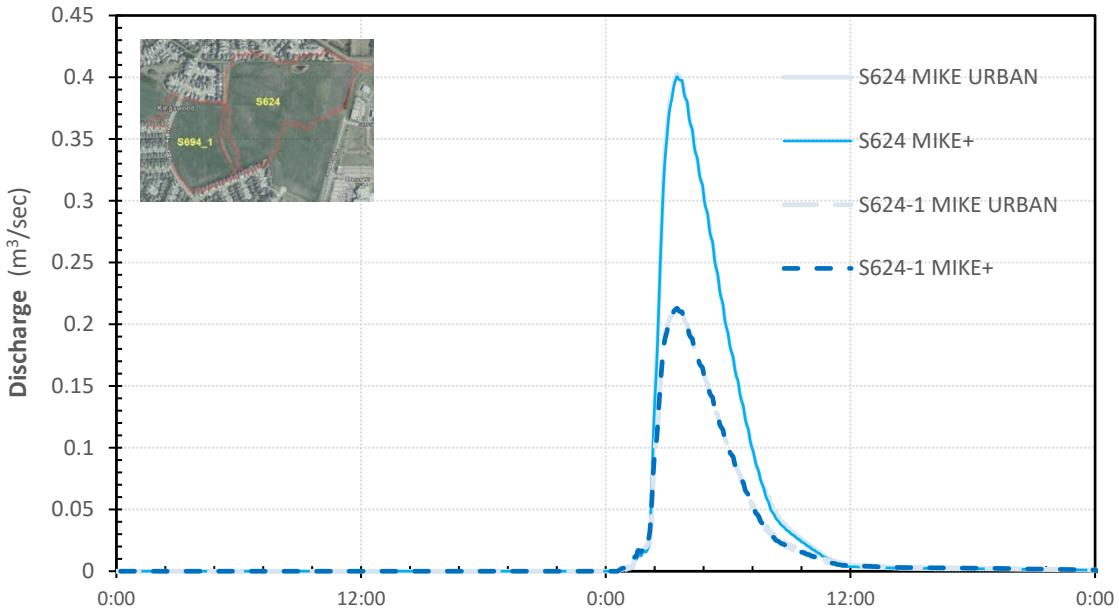


Figure D-5: MIKE URBAN and MIKE+ Runoff Comparison for Two Catchments in Kingswood

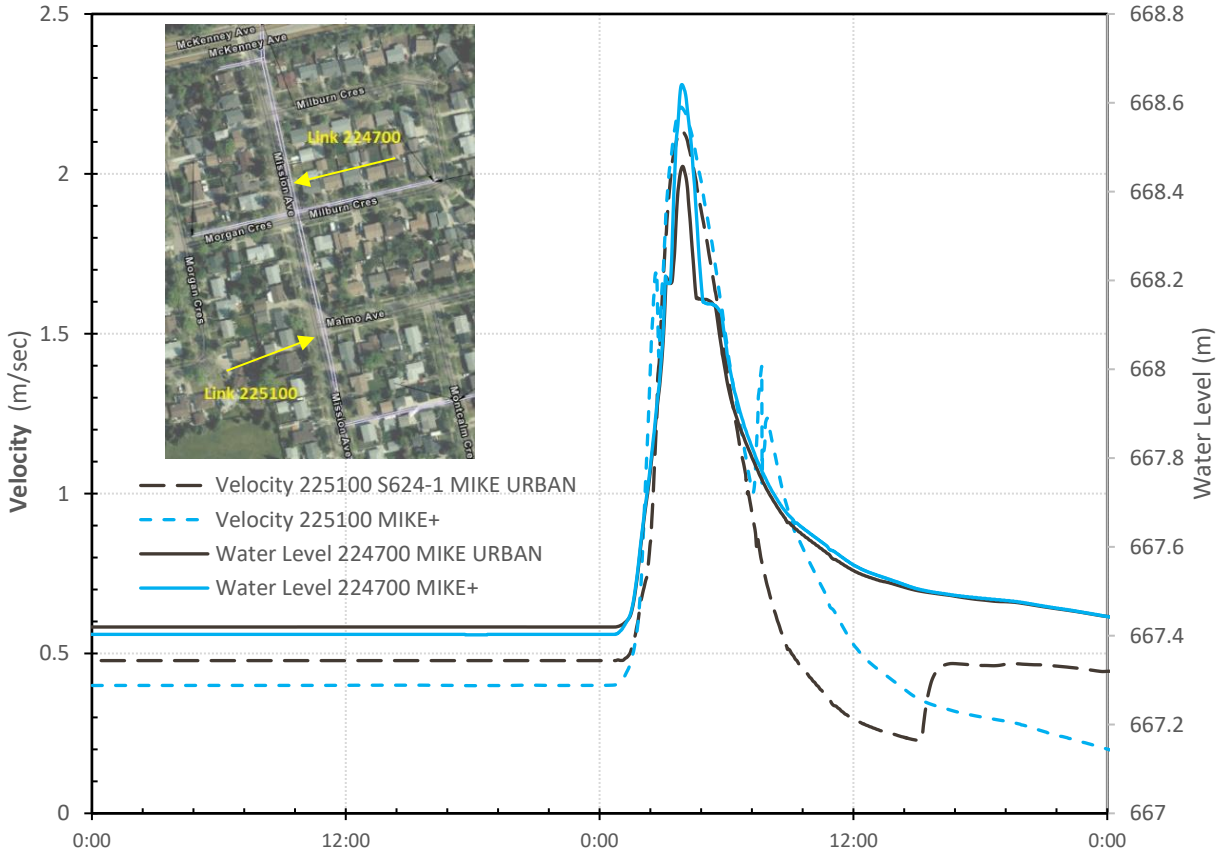


Figure D-6: MIKE URBAN and MIKE+ Basin Pipe Water Level and Velocity Comparison on Mission Avenue

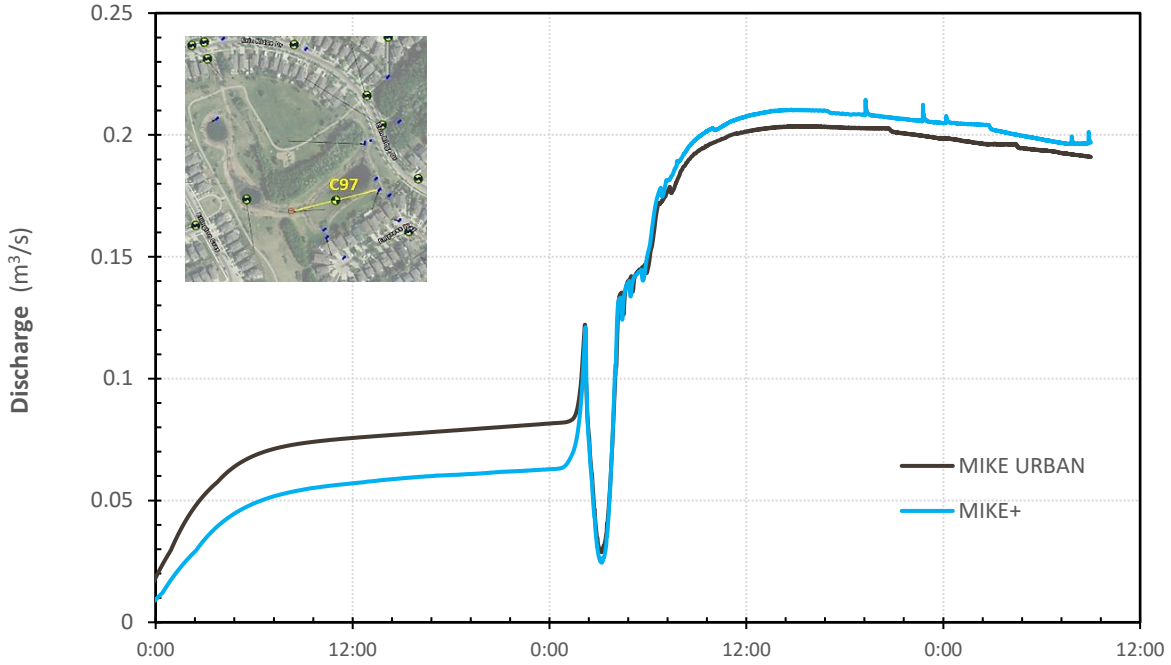


Figure D-7: MIKE URBAN and MIKE+ Discharge Comparison at the Control Orifice in Ted Hole Park

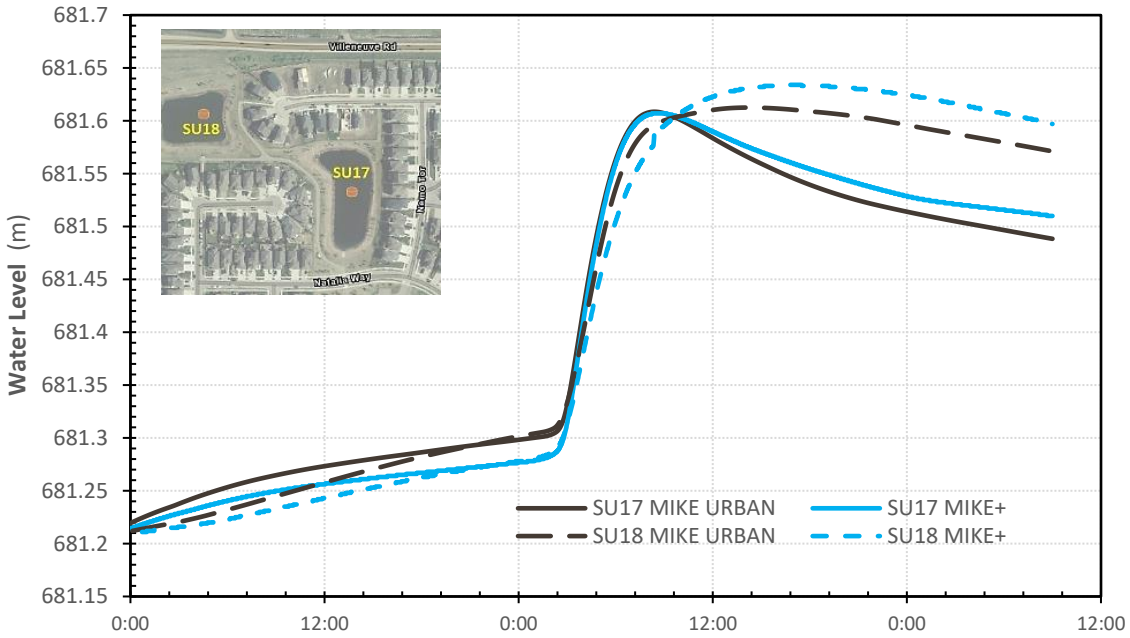
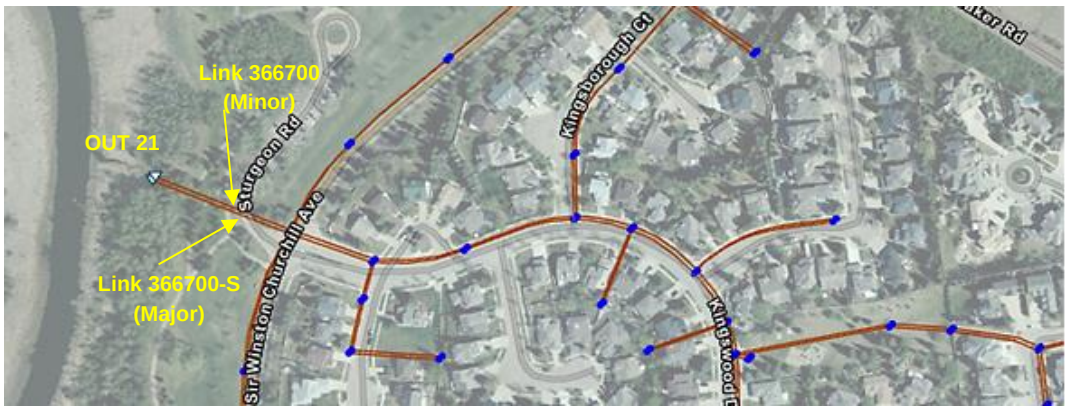
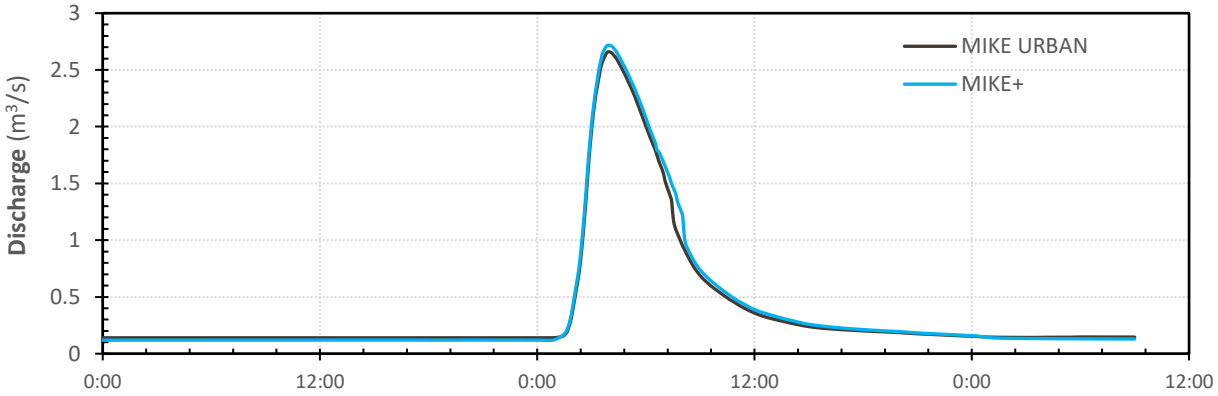


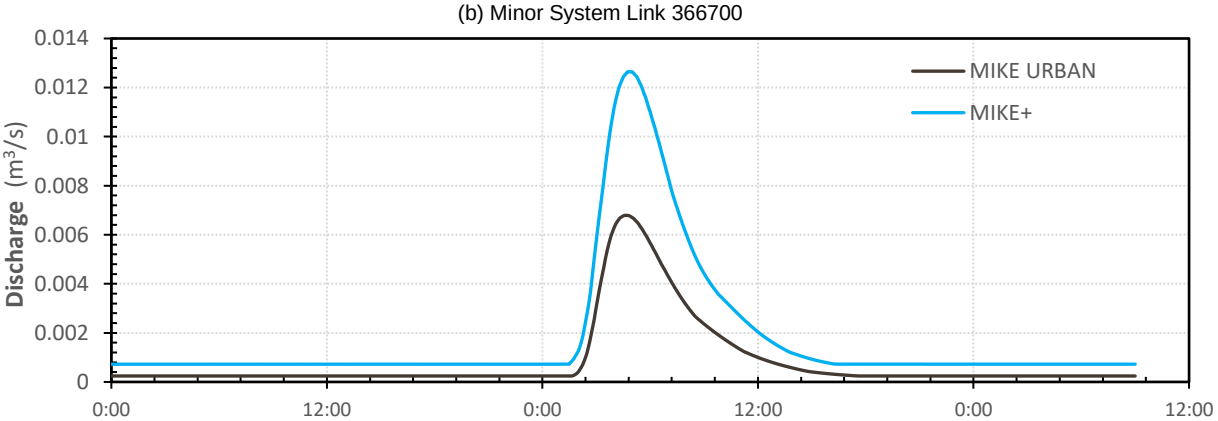
Figure D-8: MIKE URBAN and MIKE+ Basin Water Level Comparison at North Ridge SWMFs



(a) Selected Major and Minor System Elements

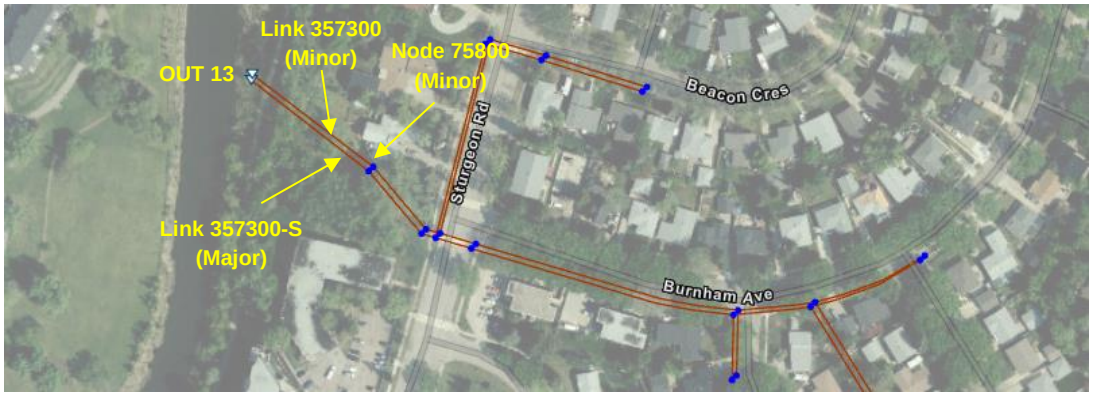


(b) Minor System Link 366700

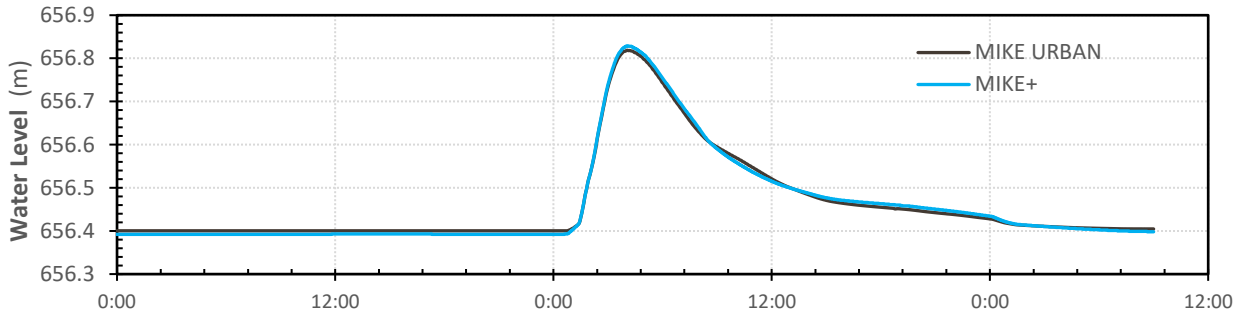


(c) Major System Link 366700-S

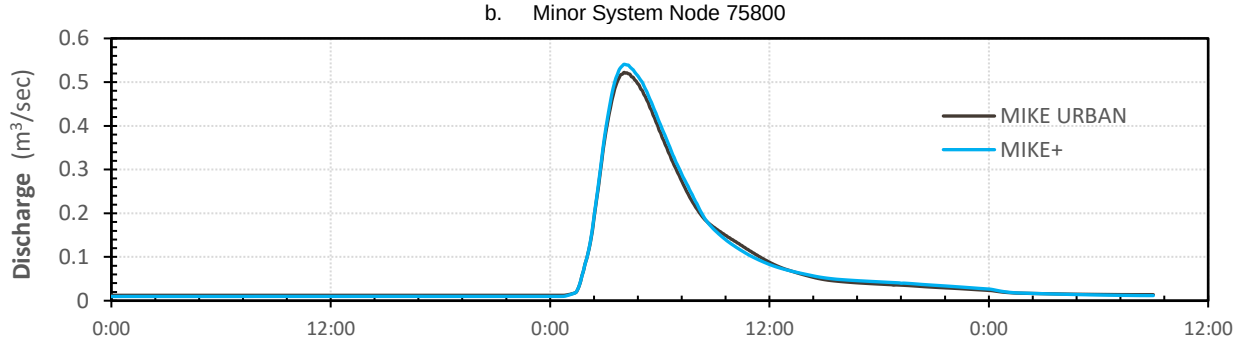
Figure D-9: MIKE URBAN and MIKE+ Results Comparison at Outfall 21



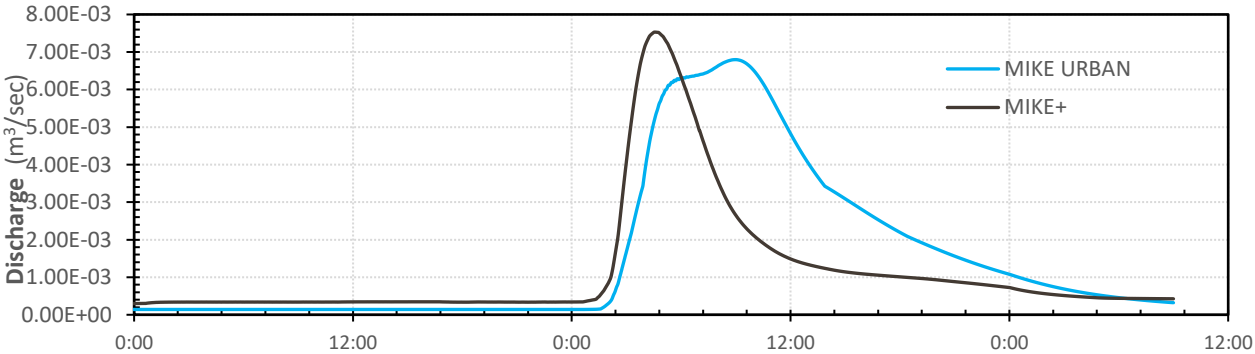
a. Selected Major and Minor System Elements



b. Minor System Node 75800



c. Minor System Link 366700



d. Major System Link 366700-S

Figure D-10: MIKE URBAN and MIKE+ Results Comparison at Outfall 13