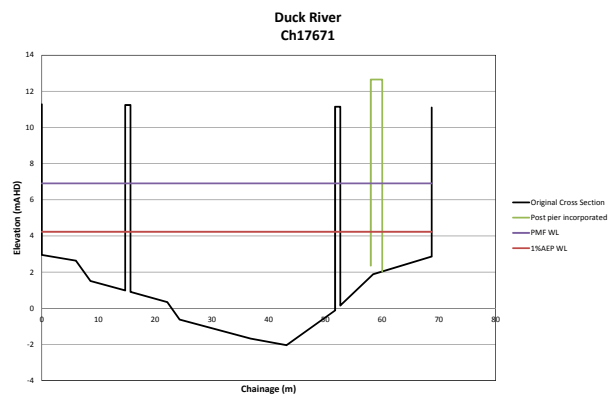
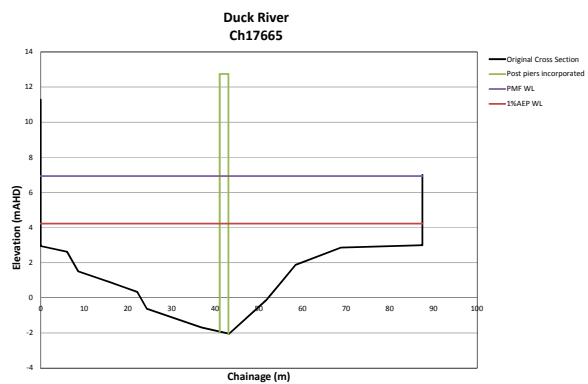
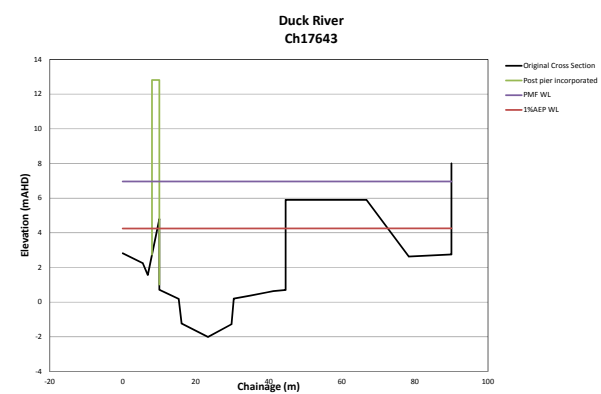
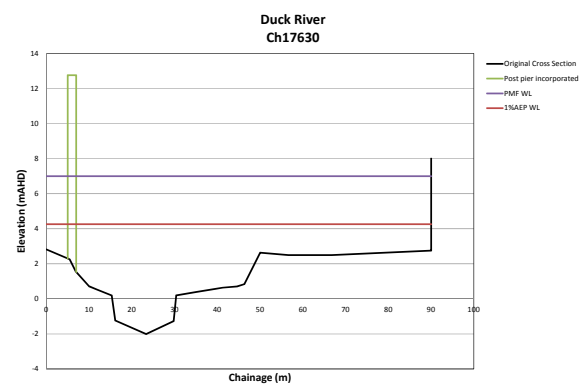
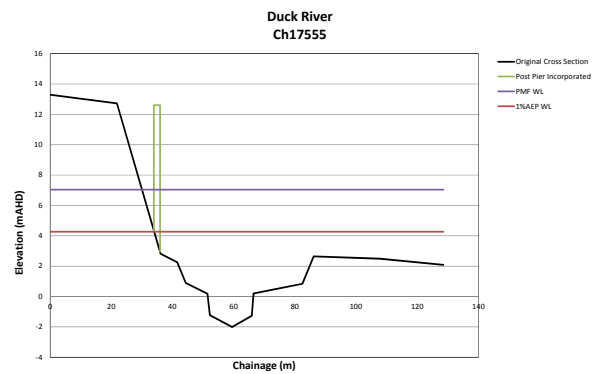
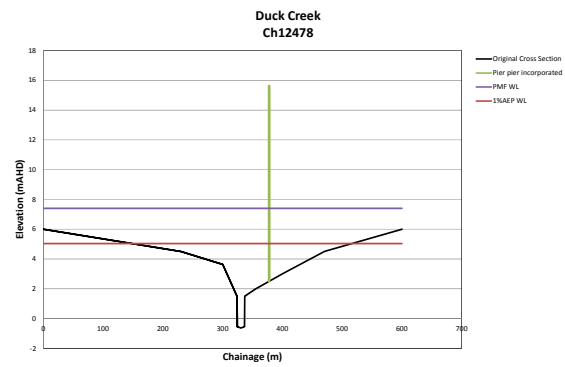
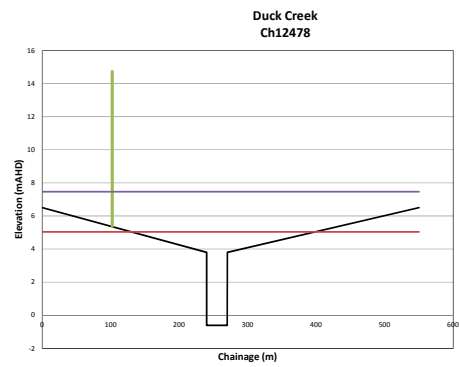


Appendix 6

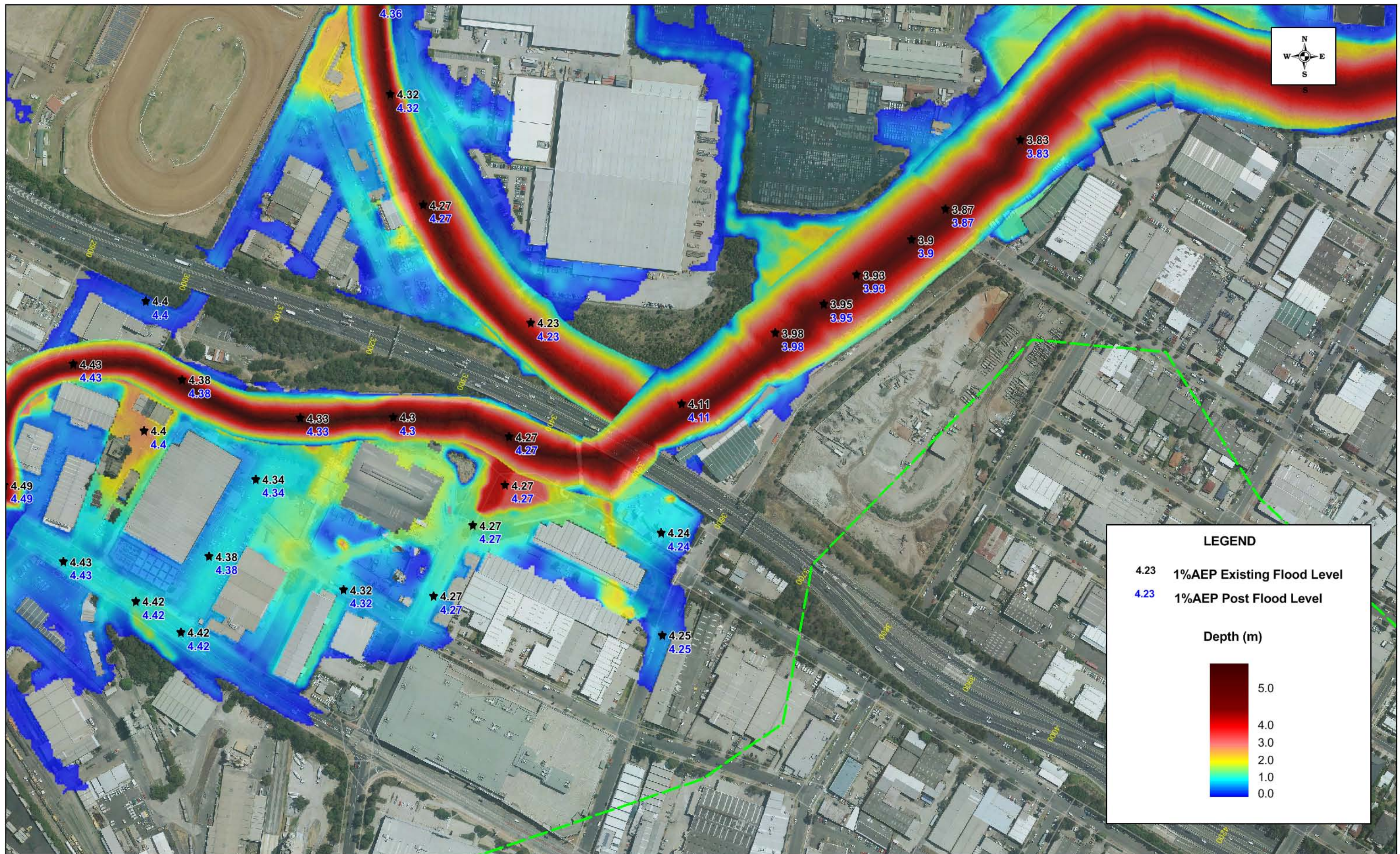
TUFLOW Modelling – Incorporation of Piers for Post Scenario





Appendix 7

TUFLOW Model Results



DISCLAIMER

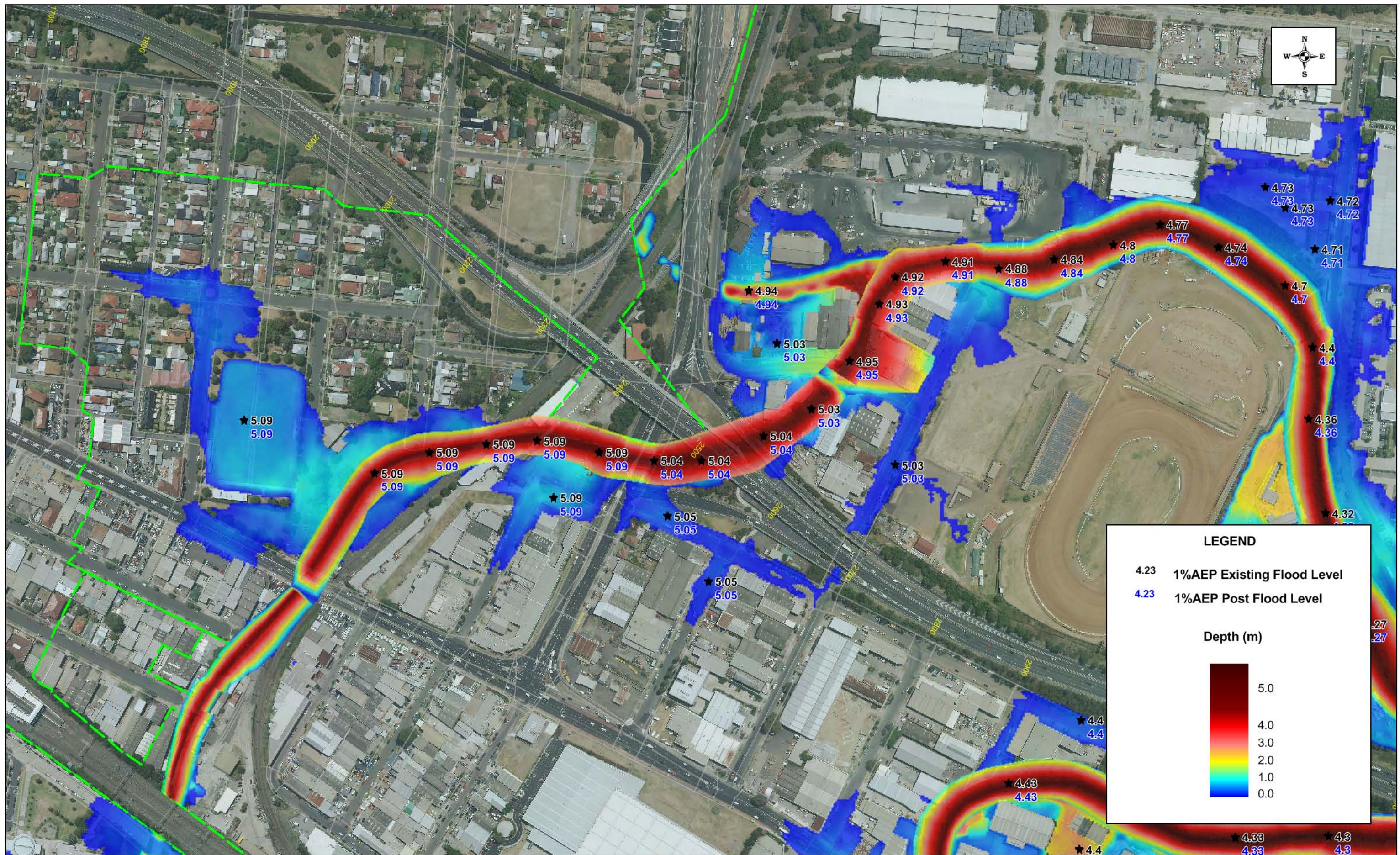
The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.

0 50 100
metres



WestConnex EIS - Flooding Component

Figure F1a: Flood Levels near Duck River
 Existing
 1%AEP Design Flood Event



DISCLAIMER

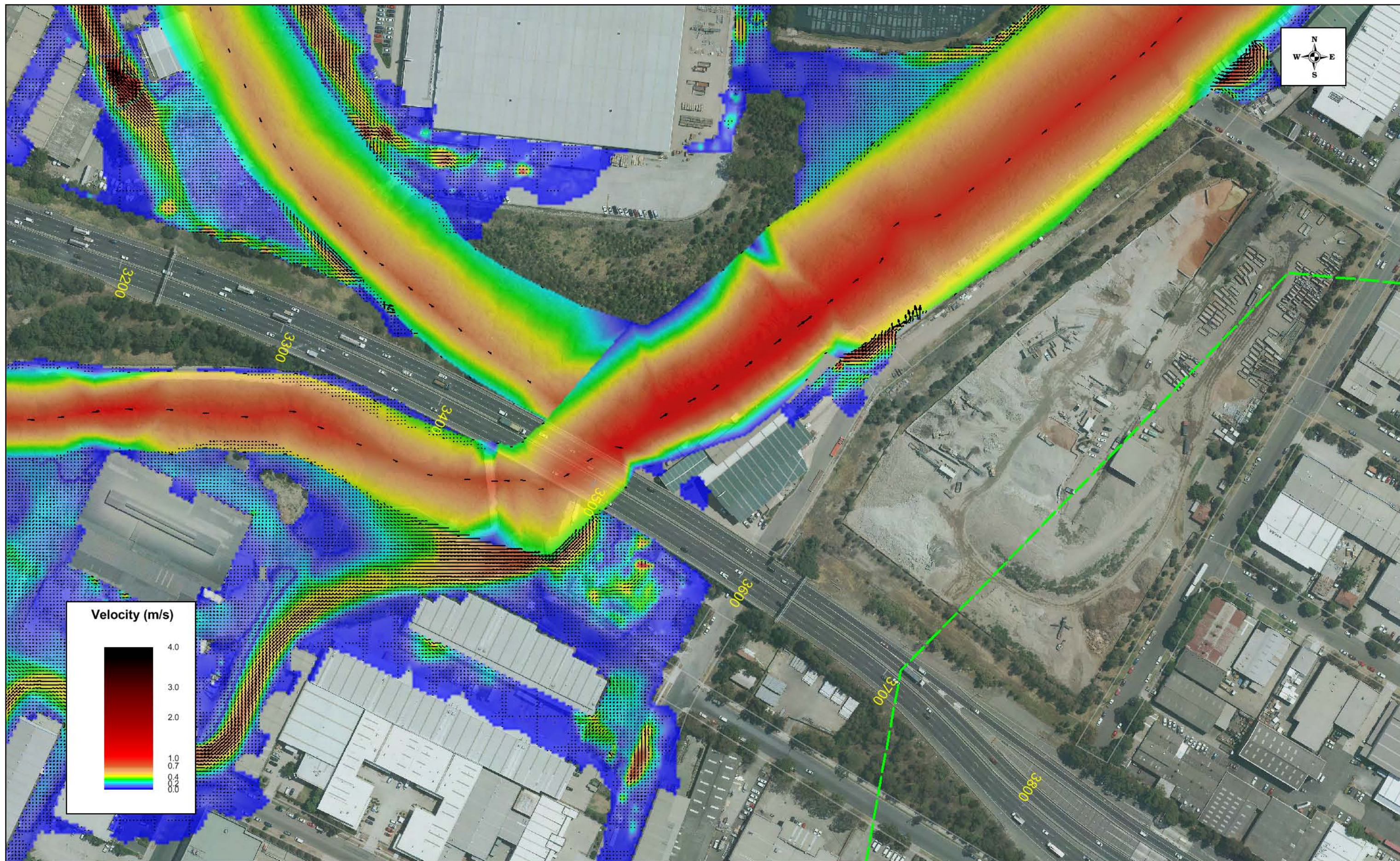
The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.

0 50 100
metres



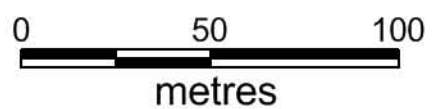
WestConnex EIS - Flooding Component

Figure F2a: Flood Levels near Duck Creek
 Existing
 1%AEP Design Flood Event



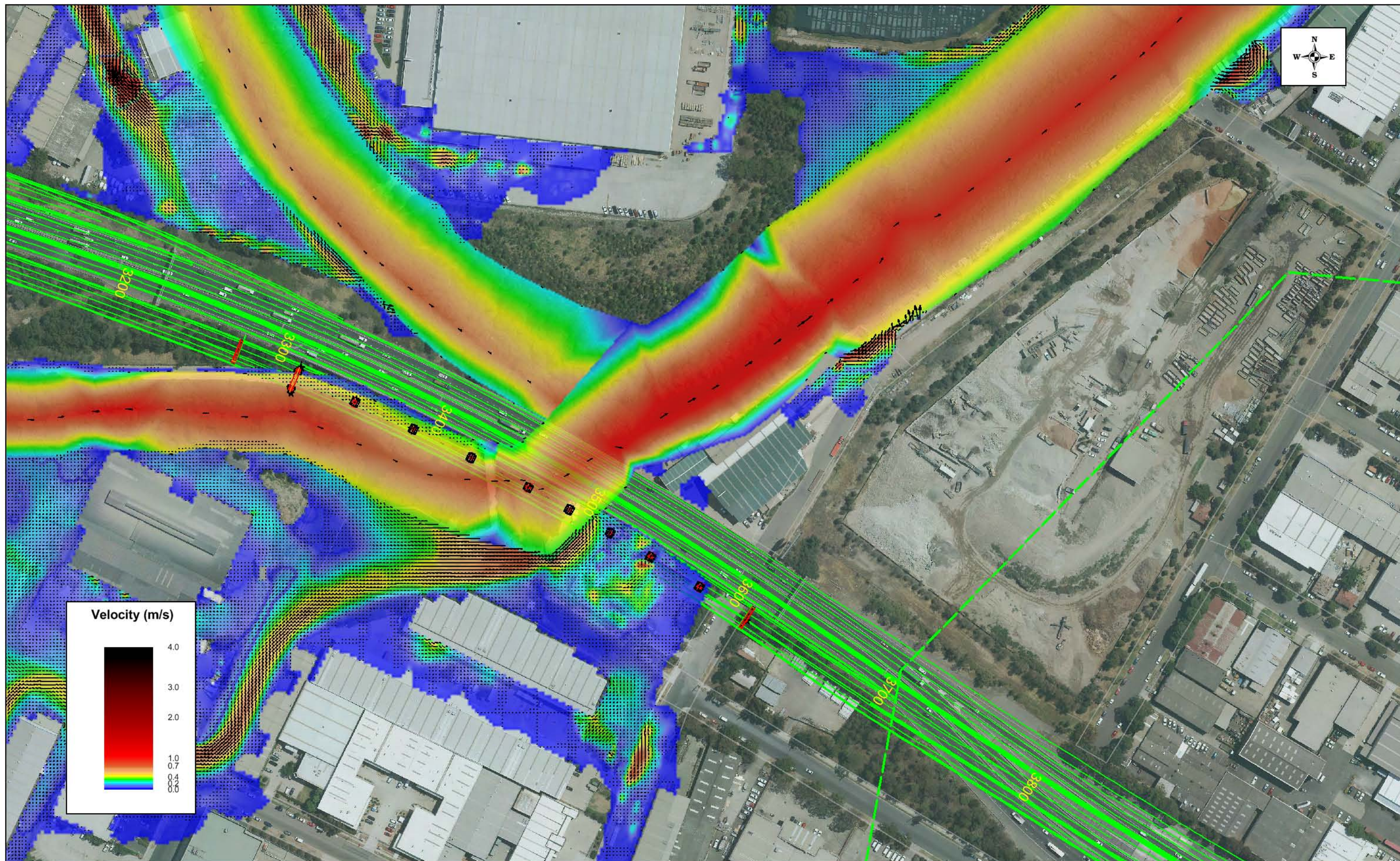
DISCLAIMER

The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.



WestConnex EIS - Flooding Component

Figure E1a: Water Velocities near Duck River
Existing
1% AEP Design Flood Event
WIDER TUFLOW MODEL



DISCLAIMER

The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.

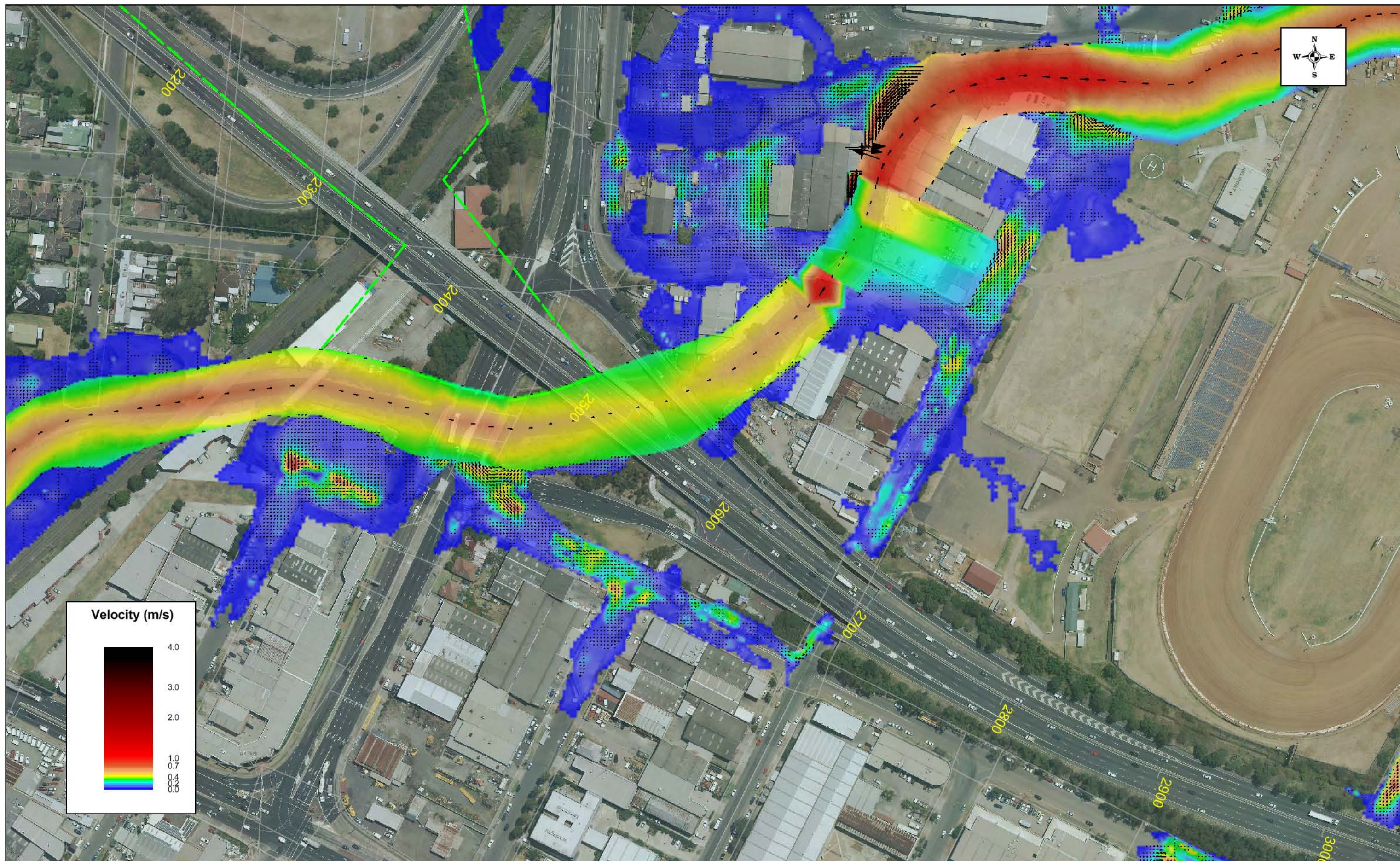
0 50 100
metres



WestConnex EIS - Flooding Component

Figure E1b: Water Velocities near Duck River
Post

1%AEP Design Flood Event
WIDER TUFLOW MODEL



DISCLAIMER

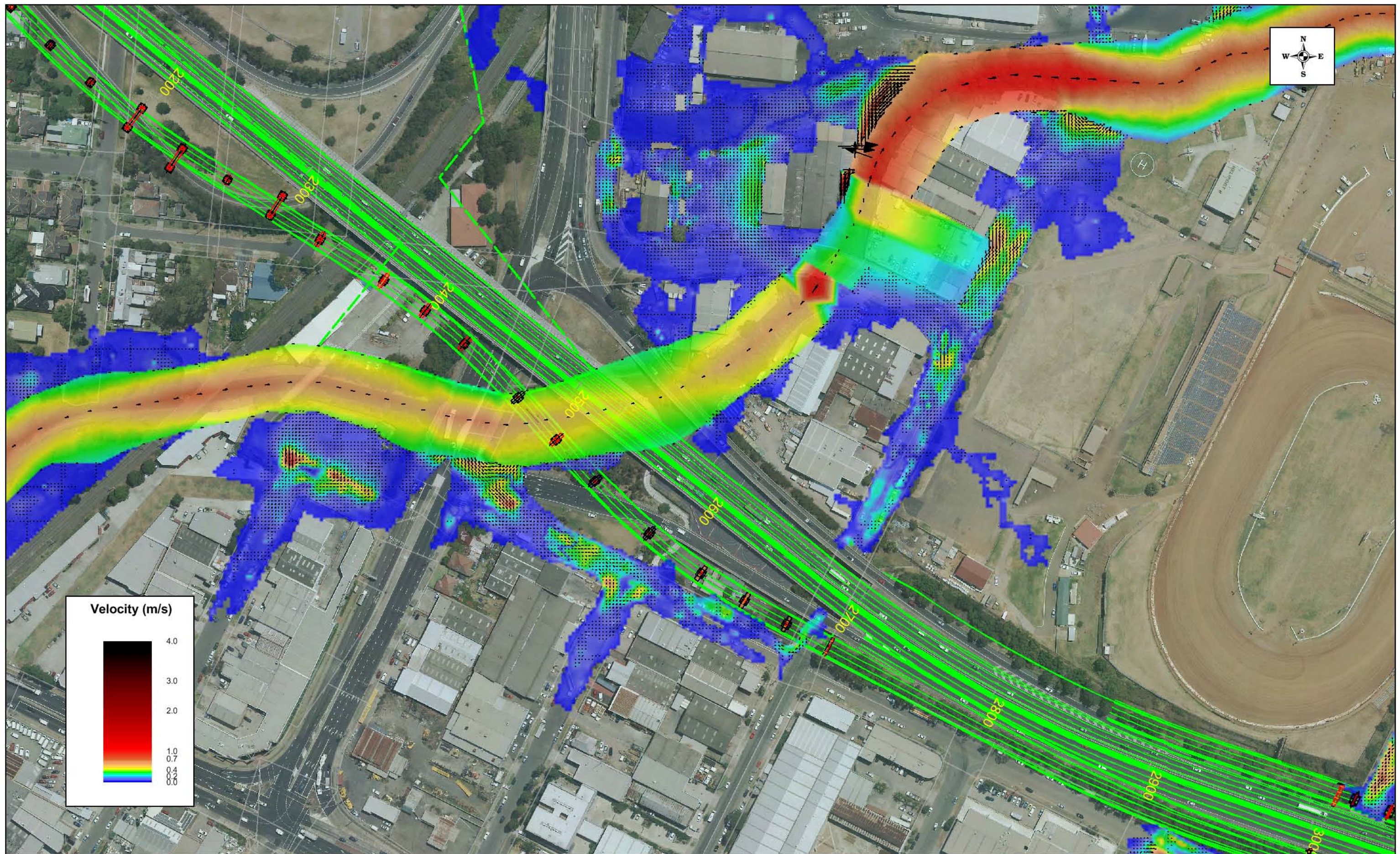
The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.

0 50 100
metres



WestConnex EIS - Flooding Component

Figure E2a: Water Velocities near Duck Creek
Existing
1% AEP Design Flood Event
WIDER TUFLOW MODEL



DISCLAIMER

The accuracy of flood extents and hydraulic parameters shown on this map is limited to the level of accuracy of the survey data and modelling software available for flood modelling. The flood extents and hydraulic parameters on the map are only an indication of potential flooding conditions throughout the catchment for modelled design storm event and may vary from real flooding conditions.

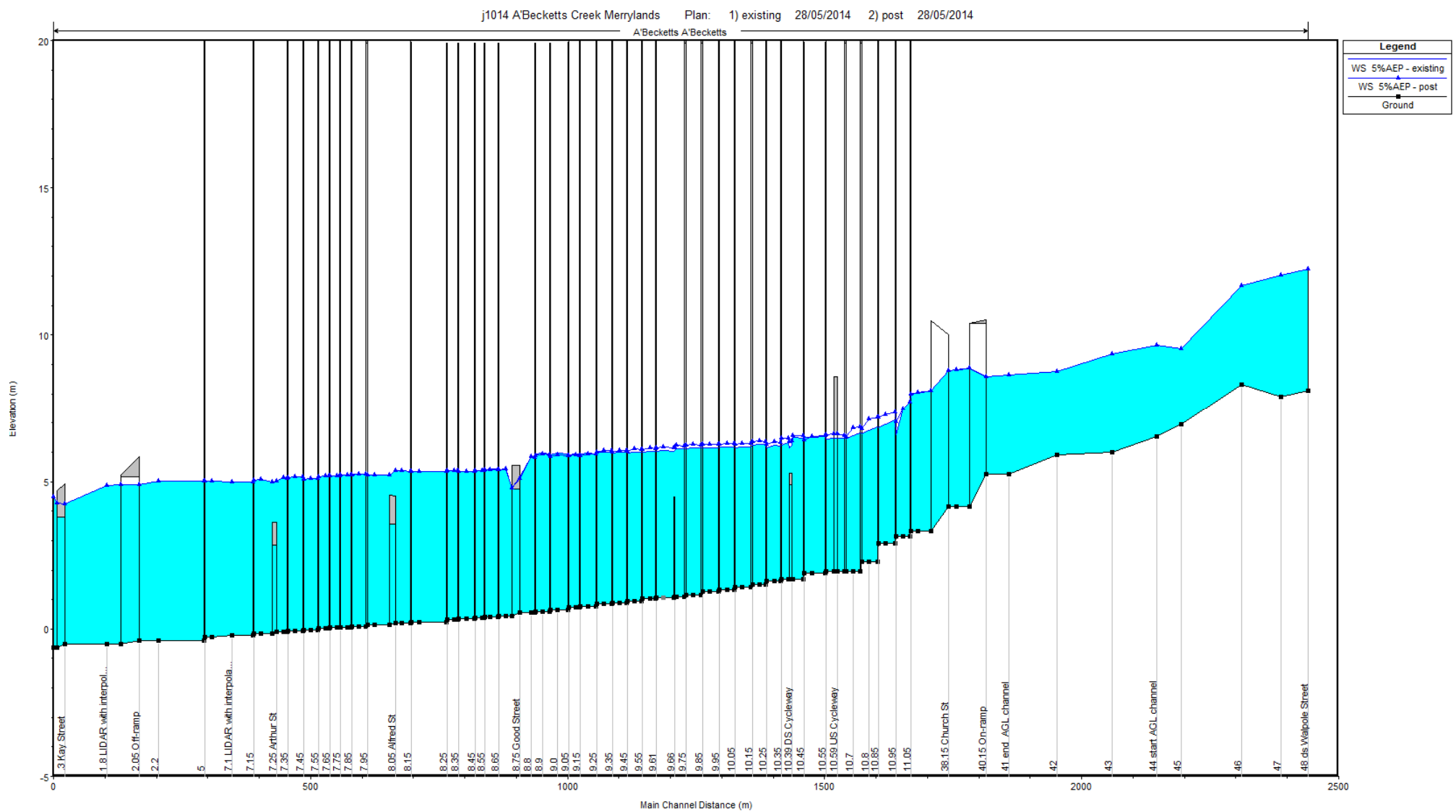
WestConnex EIS - Flooding Component

Figure E2b: Water Velocities near Duck Creek Post

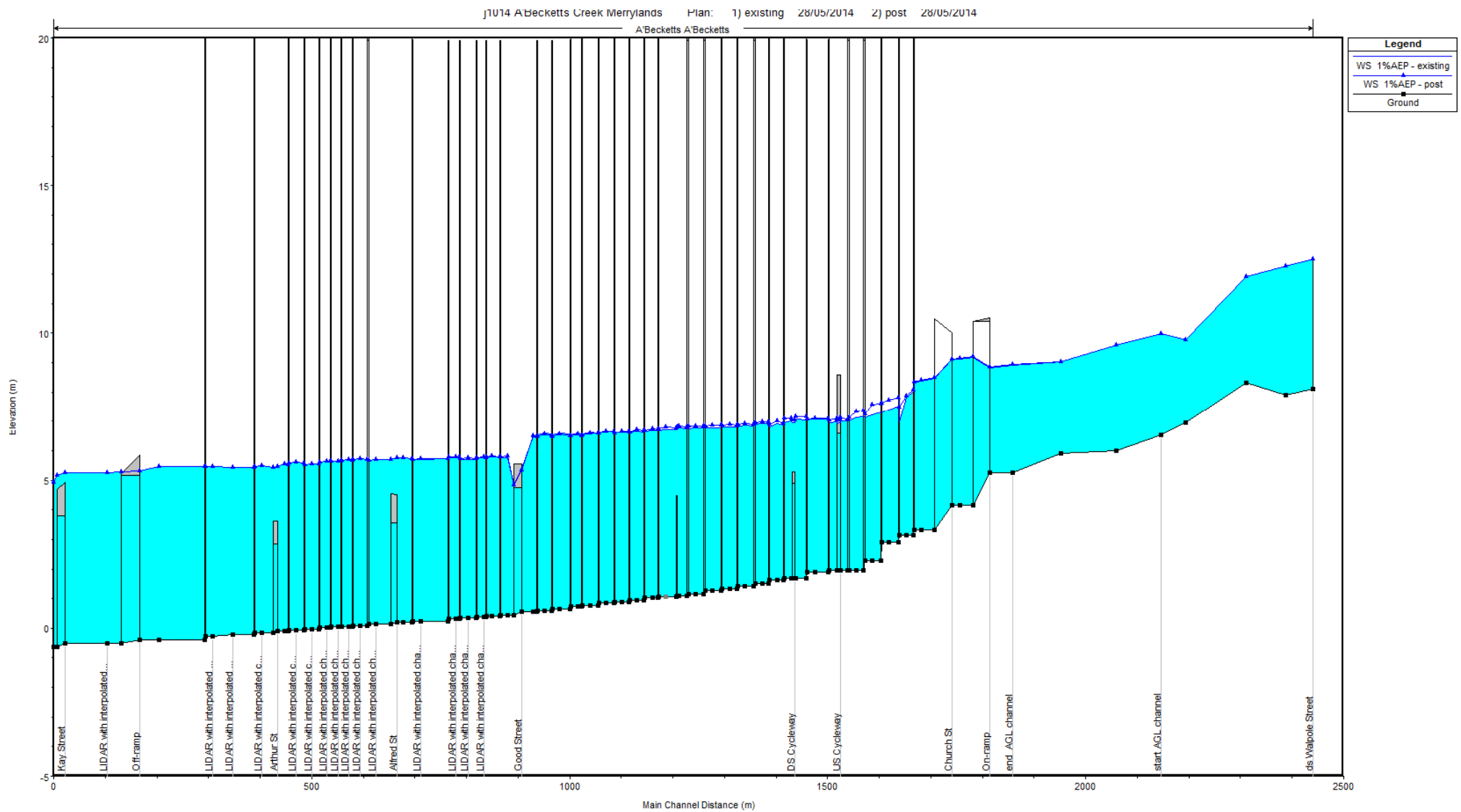
1%AEP Design Flood Event
WIDER TUFLOW MODEL

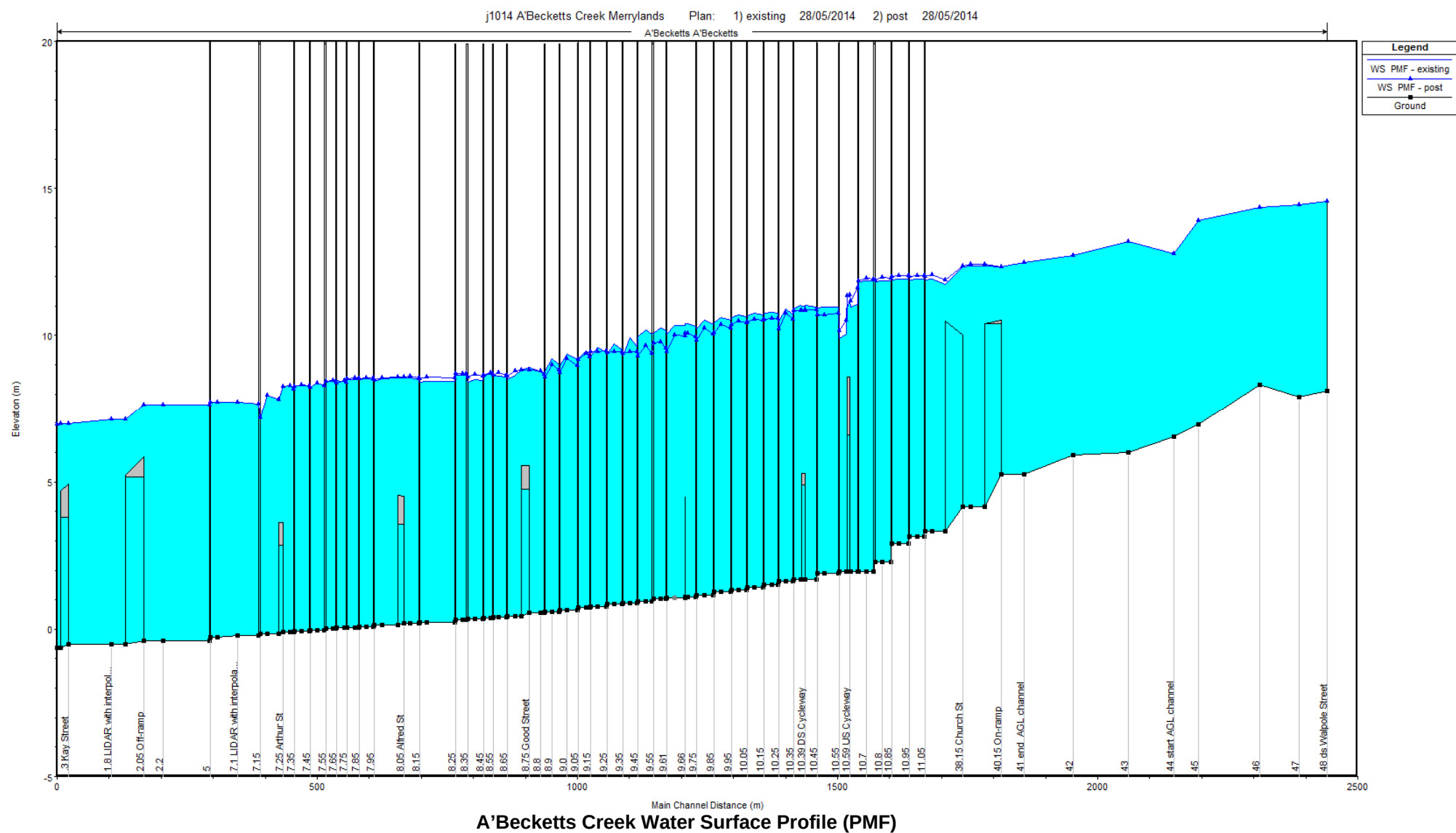
Appendix 8

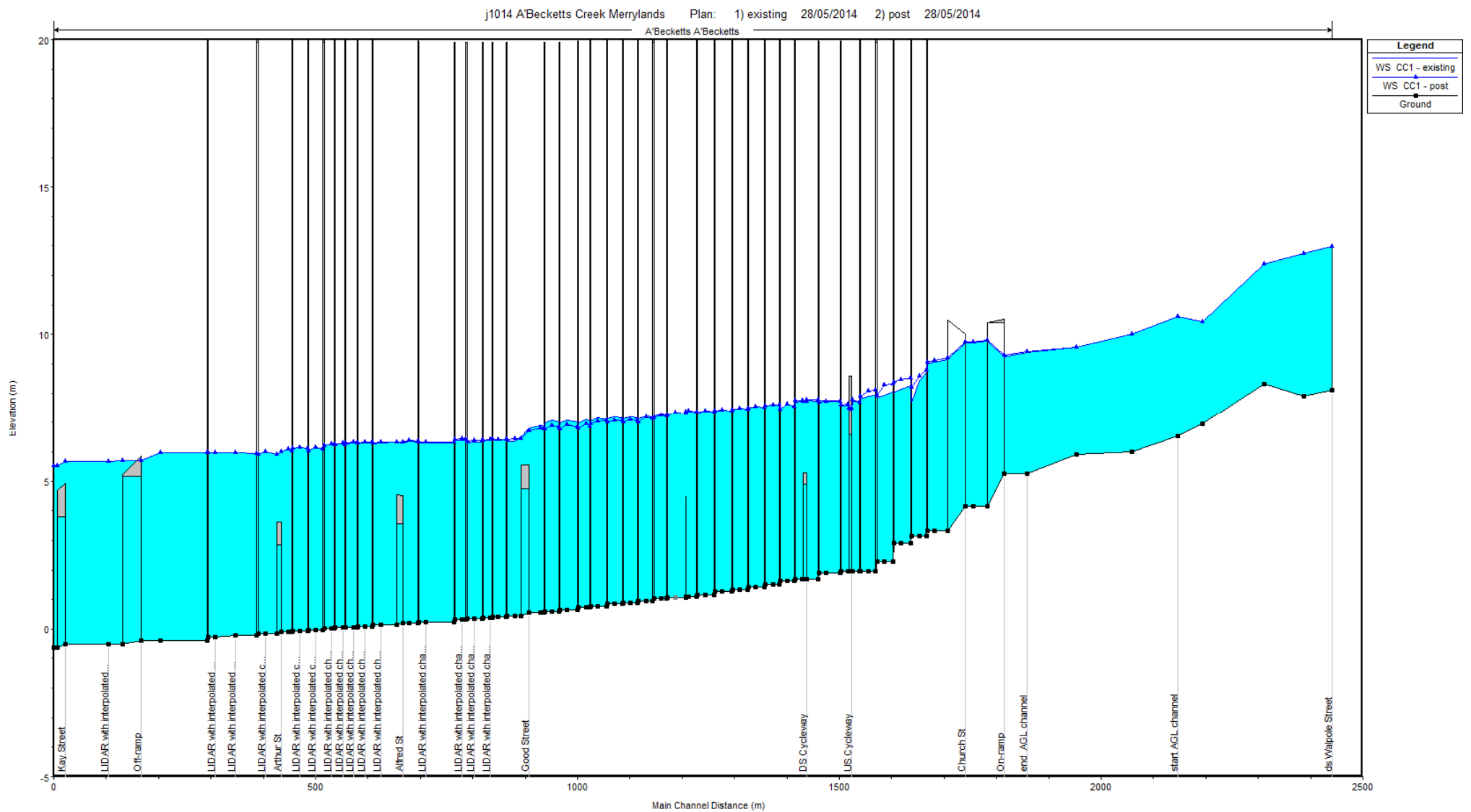
A'Becketts Creek - Water Surface Profiles



A'Becketts Creek Water Surface Profile (5%AEP)







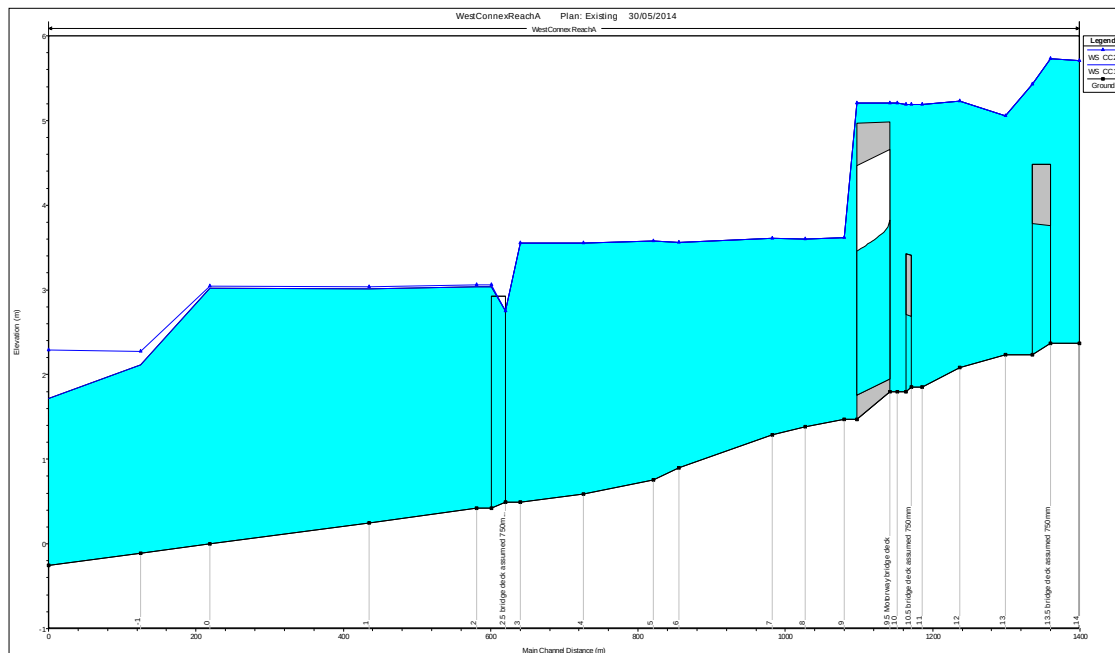
A'Becketts Creek Water Surface Profile (Climate Change 1%AEP)

Appendix 9

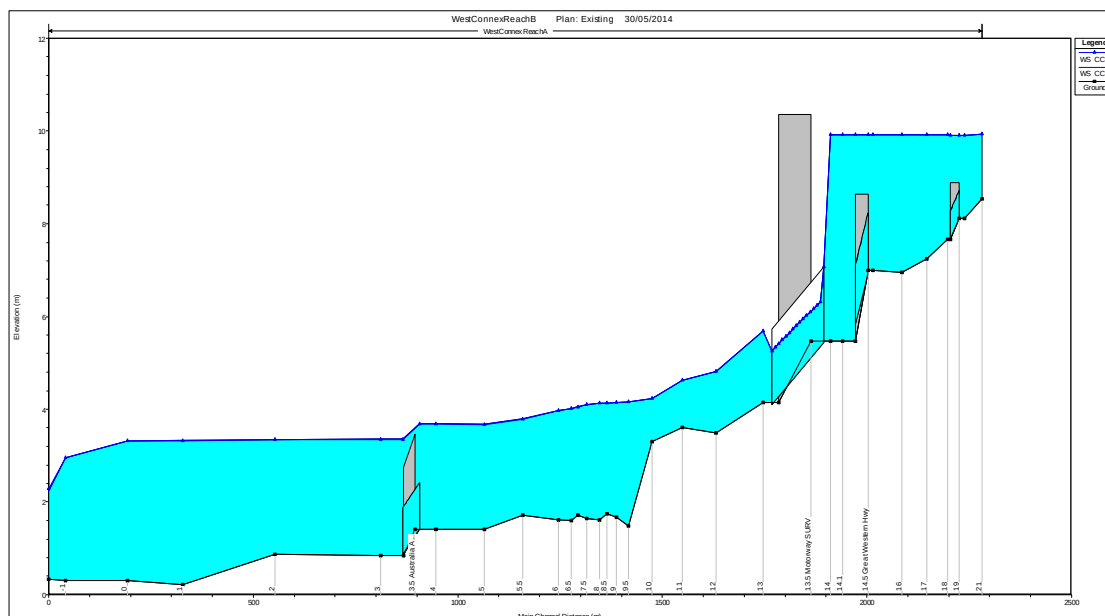
Sea Level Rise Sensitivity Testing - Water Surface Profiles

A further simulation was undertaken of a number of reaches where the tailwater condition was varied from 0.21m SLR to 0.91m SLR with 30% increase in average rainfall intensities. The water surface profiles for these climate change runs are shown below under existing conditions. These additional runs indicate that although higher sea level rise would impact on the lower reaches of the creeks, levels in the vicinity of the motorway would be unaffected by sea level rise.

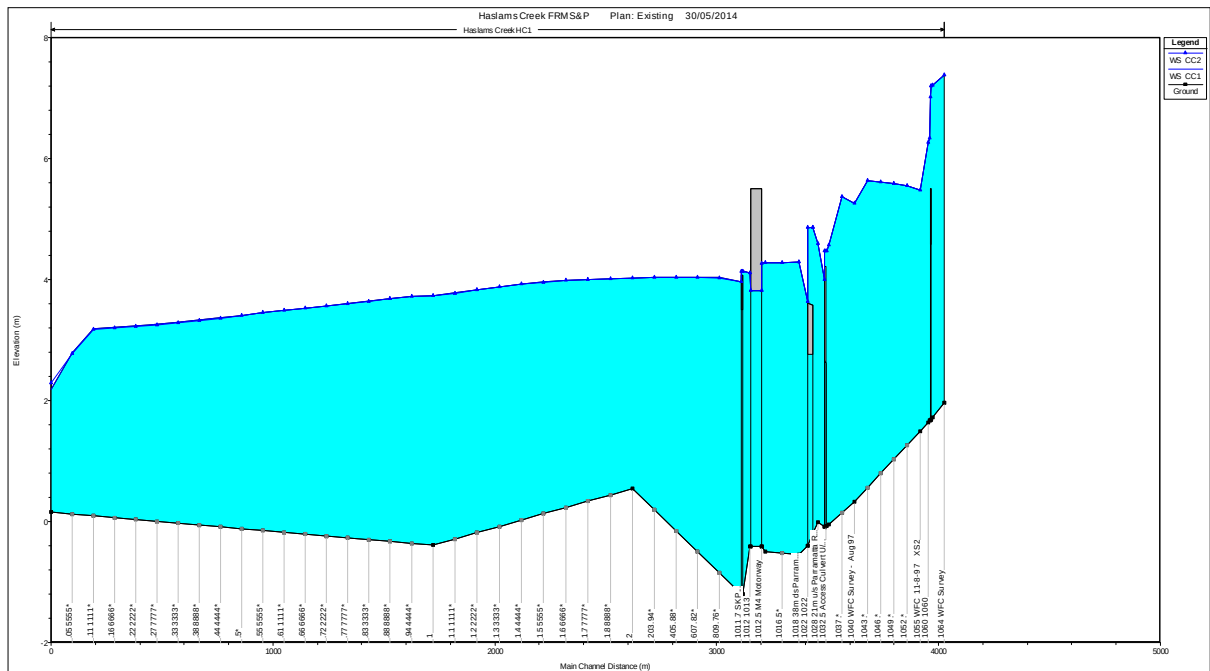
REACH A



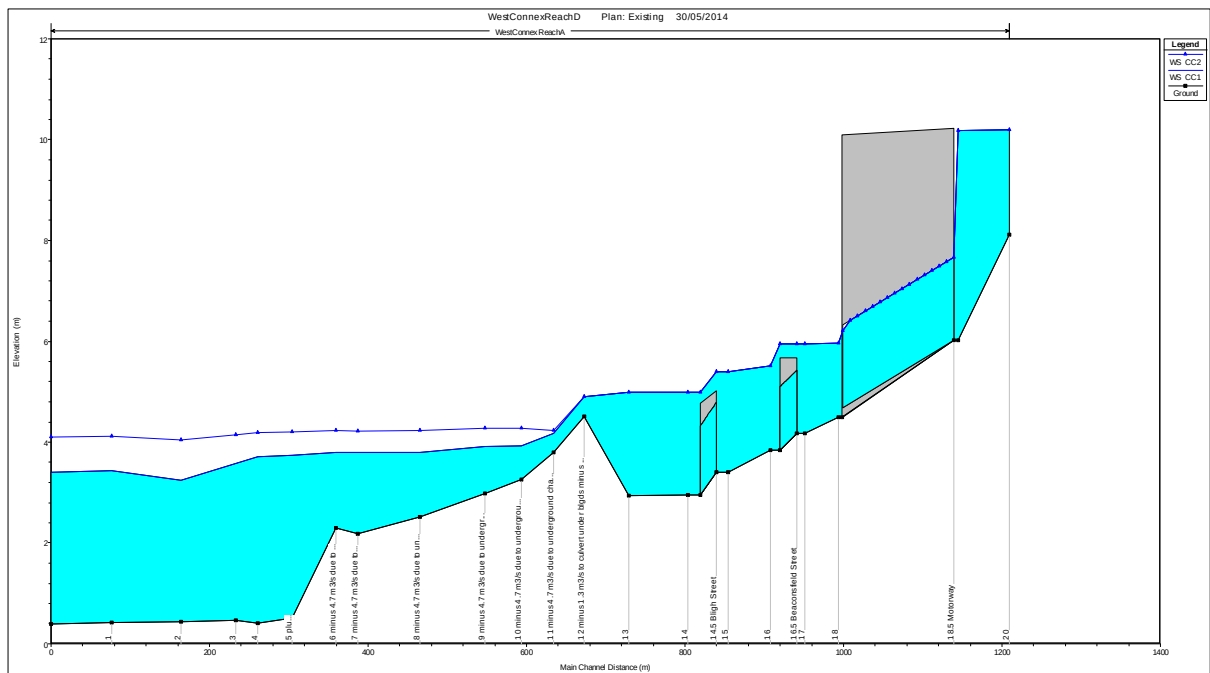
REACH B



HASLAM'S CREEK



REACH D



REACH E

