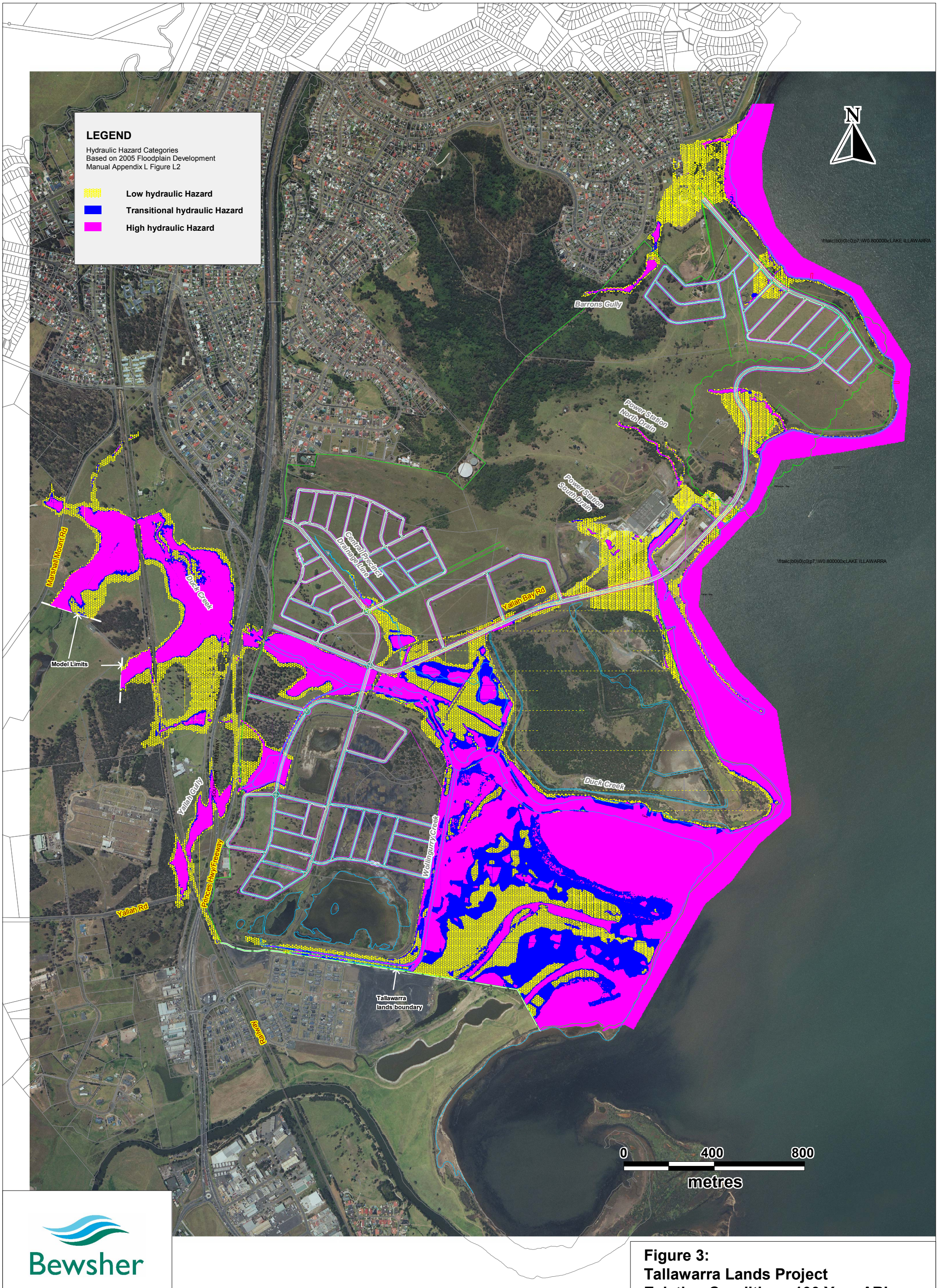

Bewsher

Job No: J1898
File: Tal_ExgHaz_BU100y_02
Date: 15 Dec 2010

Figure 3:
Tallawarra Lands Project
Existing Conditions 100 Year ARI
Floodplain Hydraulic Hazard Zone

APPENDIX A

TALLAWARRA LANDS PHOTOGRAPHS

Photo 1: View of South Coast railway bridge crossing of Duck Creek floodplain. (Structure No. 8).

Photo 2: View of Duck Creek floodplain culvert under South Coast railway line, looking downstream. (Structure No. 9).

Photo 3: View of Duck Creek channel under twin F6 bridge crossings, looking downstream. (Structure No. 10).

Photo 4: Princes Highway bridge crossing of Duck Creek (Structure No. 11), looking north with Yallah Bay Road intersection in the middle distance.

Photo 5: View of Duck Creek at Princes Highway crossing, looking upstream.

Photo 6: View of the old railway bridge crossing of Duck Creek. (Structure No. 12).

Photo 7: Multi-cell box culvert conveying Tallawarra Lands' 'Central Precinct' drainage line flows under Yallah Bay Road. (Structure No. 14).

Photo 8: View of Duck Creek close to tidal limit.

Photo 9: Typical view of the tidal reach of Duck Creek near Lake Illawarra outlet.

Photo 10: Tallawarra Lands/Haywards Bay boundary, looking west, with Wollingurry Creek channel parallel to boundary.

Photo 11: Tallawarra Lands/Haywards Bay boundary, looking east, with Wollingurry Creek channel parallel to boundary.

Photo 12: Lake Illawarra foreshore area looking east from Haywards Bay trunk drainage outlet.

Photo 13: View of Barrons Gully depression downslope of Tallawarra Lands' boundary.

Photo 14: View of Barrons Gully depression, downslope of Tallawarra Lands' boundary with Council's Gilba Road Reserve playing field in the background.

Photo 15: View of un-named gully located north-east of Power Station North Drain, with Lake Illawarra in the background.

APPENDIX B

WBNM HYDROLOGIC MODEL DETAILS