



**Source:**  
 Greater Utuhina Catchment Model (2022), Bay of Plenty Regional Council.  
 (1) DHI, Utuhina Phases 2 and 3 Numerical Modelling, Report for BOPRC, August 2021.  
 (2) DHI, Utuhina Hydraulic Model: Additional Modelling and Mapping, Report for BOPRC, August 2022.  
 Please refer to BayHazards - [Bay of Plenty Natural Hazards Viewer webpage](#) - for general information on natural hazards. For specific questions on fluvial flooding within the Utuhina Catchment please make an online request to the Regional Council under [Flood level report](#) or call on 0800 884 880.  
 Climate change allowance is for the year 2130 using RCP8.5

Map contains LCDB data and hillshades produced from BOPCLASS and LENZ data. Reference data from LINZ. There are multiple sources of uncertainty in these design flood maps. The flood maps are fluvial (riverine) flooding maps only, i.e., flooding from the streams, but do not explicitly show flooding from direct localised rainfall or pipe surcharges. No allowance has been made for waves generated by vehicles and other factors such as post-development settlements and required construction tolerances. In addition, the Rotorua Lake Levels Assessment has not been completed and design surface levels in the vicinity of the lake are subject to change.