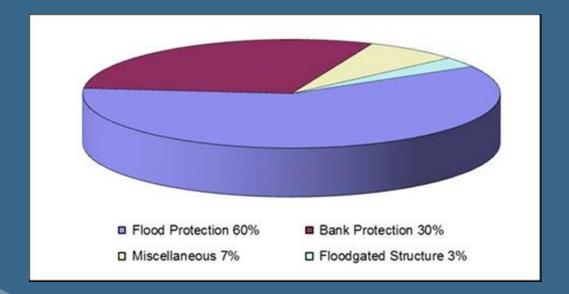
Lower Whanganui Scheme

- Provides flood protection (FP) to Balgownie and Kowhai Park/ Anzac Parade areas of Whanganui;
- Accordingly operational focus is solely relating to the provision of FP ie:
 - inspecting and maintaining FP assets (stopbanks/ floodwalls);
 - undertaking erosion protection works necessary to provide flood protection eg where river bank erosion threatens the integrity of a section of stopbank;
 - monitoring channel capacity.

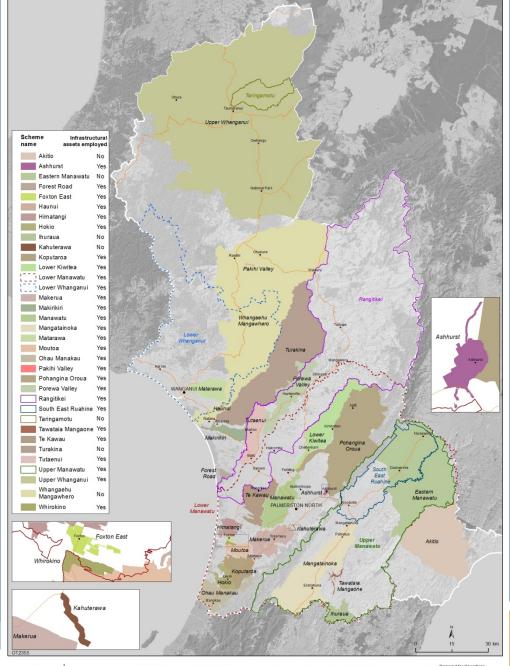


Lower Whanganui Scheme

- Established in 2008;
- Maintains assets valued at \$5.2M;



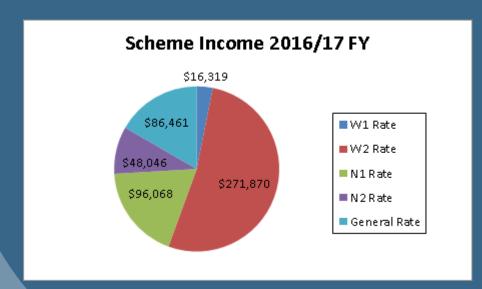


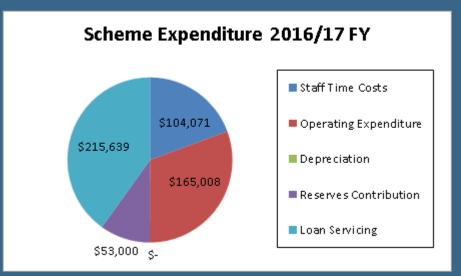




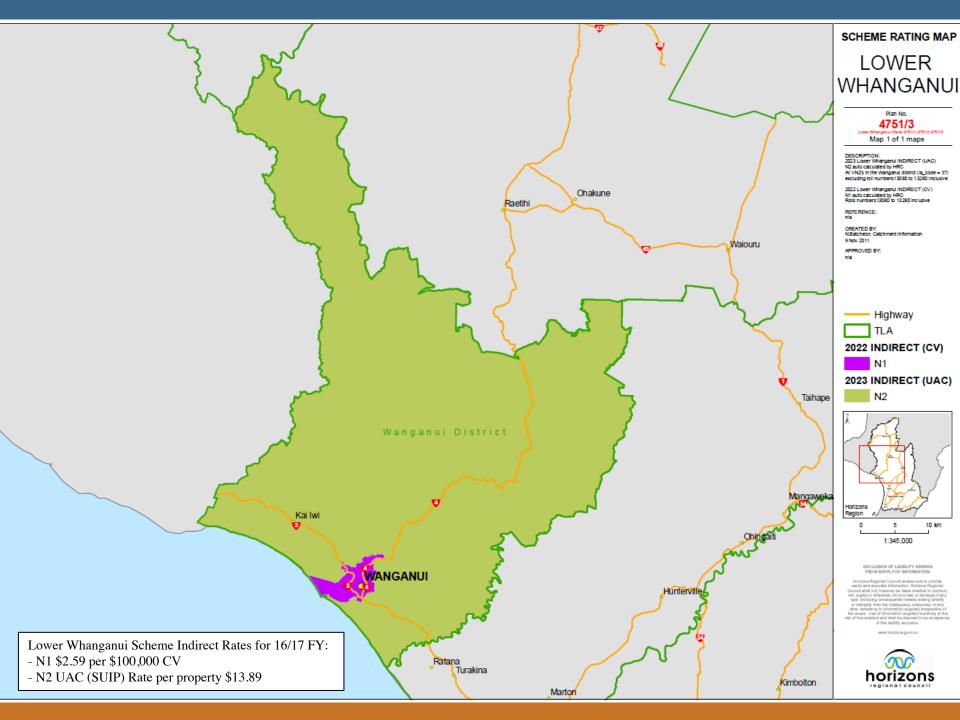


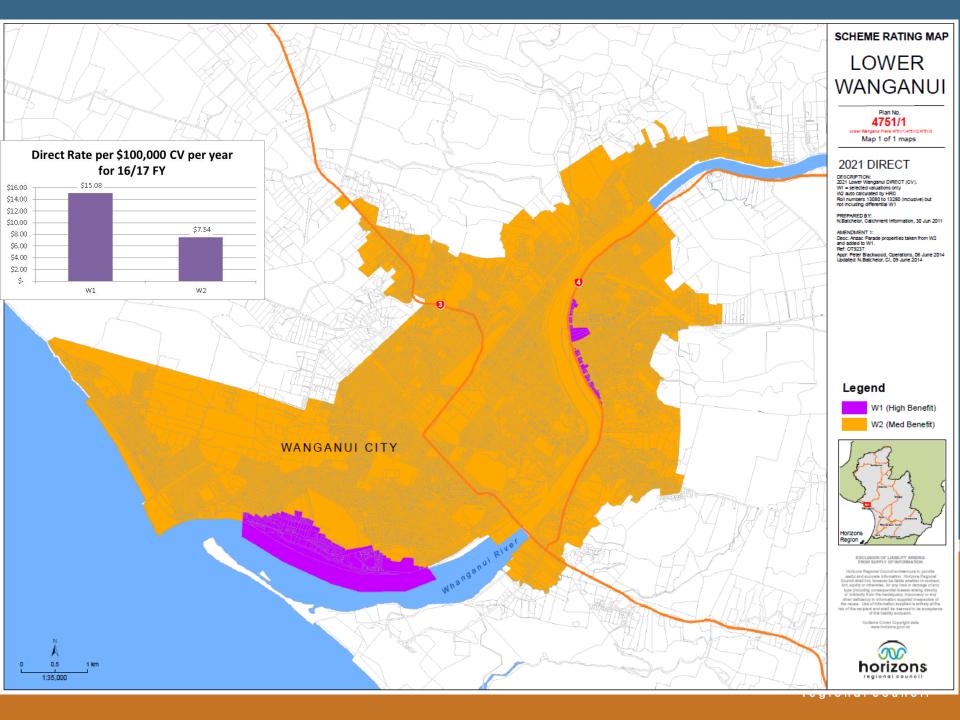
Scheme Income and Expenditure











Depreciation

- Under the Local Government Act Councils are obligated to set aside funding for the cost of replacing an asset (referred to as depreciation) when it reaches the end of it's life;
- Although the Scheme has depreciable assets (assets that have a finite life), Council policy exempts the need to set aside such funds where debt is being repaid;
- Given the relatively long debt repayment timeframes this will translate to future (albeit relatively modest) capital expenditure over and above current/ projected expenditure levels;
- Note that stopbanks are not depreciable (their performance does not reduce over time).



Current Levels of Service

- Four 'compartments' to river-related Whanganui flooding:
 - Balgownie. Protected to a 200 year RP standard;
 - Kowhai Park/ Anzac Parade: Protected to a 30 year RP standard with no freeboard;
 - Taupo Quay/ CBD eastern end. Not protected;
 - Putiki. Not protected.
- No provision for any further increase in flood protection standards for Whanganui in Council's current 30 year Infrastructure Strategy.



Balgownie Flood Hazard

- 3.1 km of stopbanking providing a 200 year Return Period standard of flood protection to 60 hectares of predominantly commercial/ industrial land;
- Completed in 2011 costing \$3.2M;
- Loan balance current standing at \$2M and scheduled to be repaid by the end of 2029.





Anzac Parade Flood Hazard

- Existing stopbank passed to Horizons in 2008;
- Cost of achieving 200 year RP protection standard (2.5km of stopbank) estimated in 2011 at \$4.05M;
- Council resolved not to include in 2012-22 Long Term Plan;
- Subsequent decision made to upgrade stopbank to 30 year RP standard, work completed in 2014 at a cost of just over \$1M;
- No provision in Horizons' current 30 year Infrastructure Strategy.



