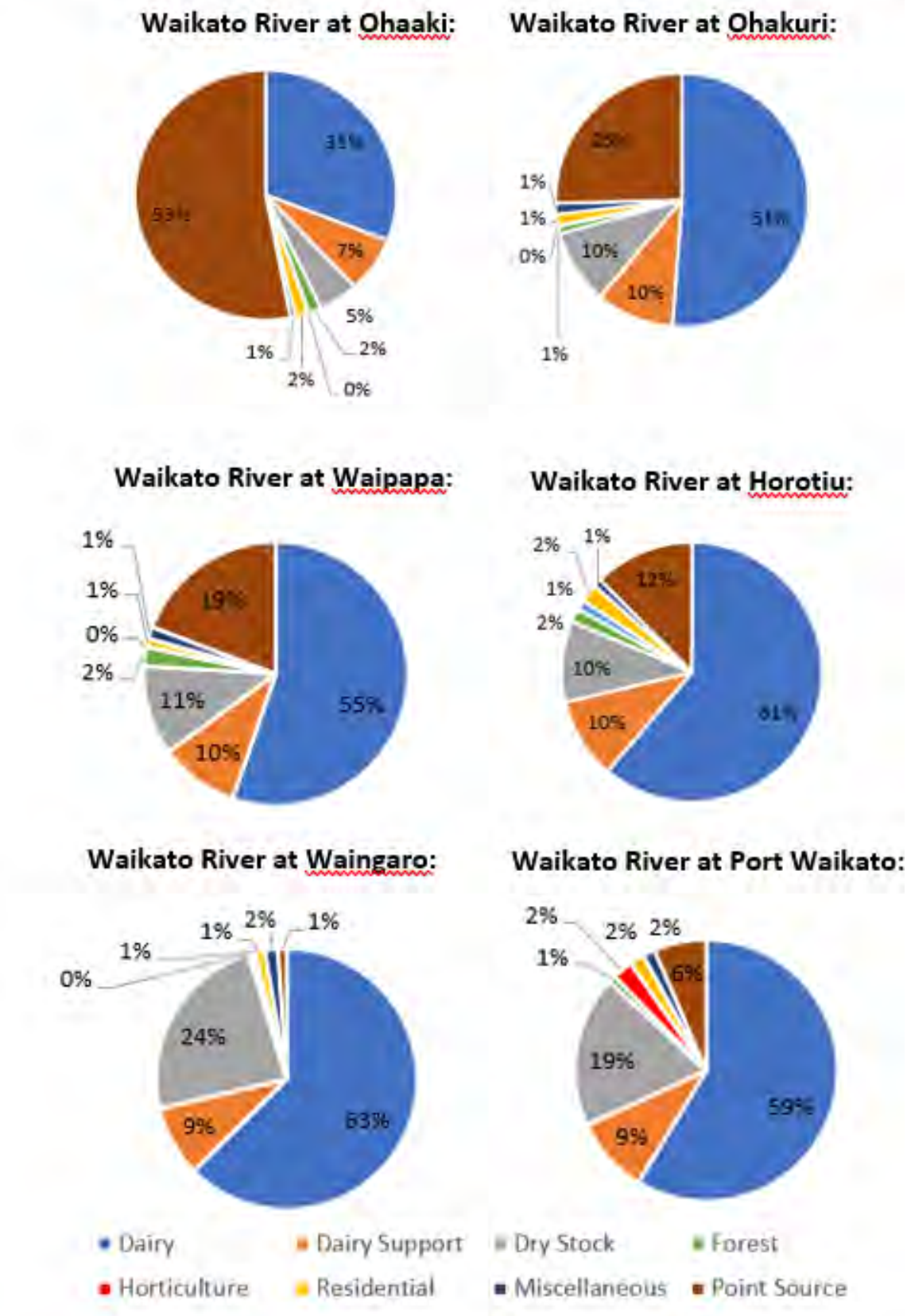
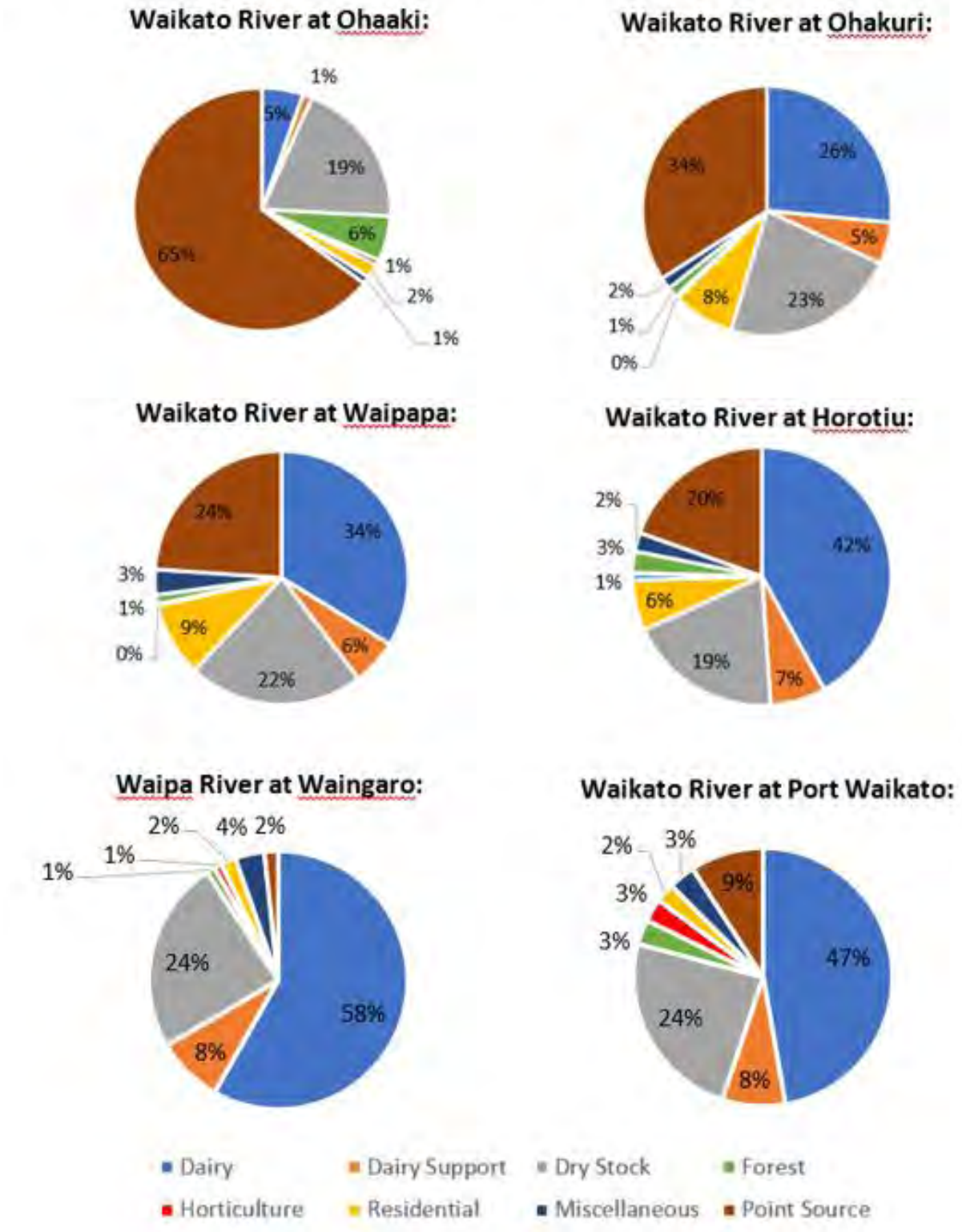
Figure 2: Re-Calibrated Model Mass Balance Summaries, TN: Relative Proportions



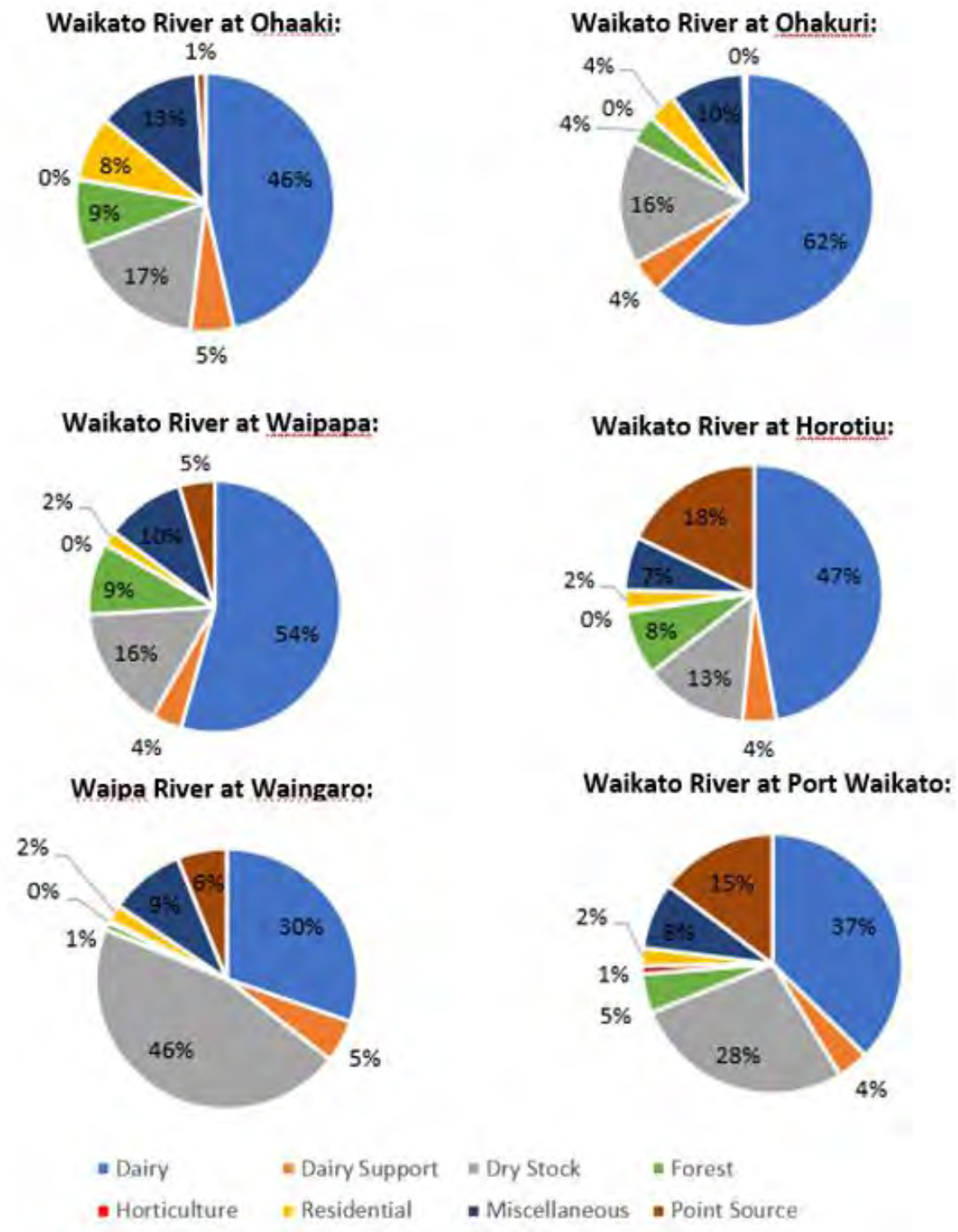
(HS2: Figure 2, Page 9 in EIC.)

Figure 2: Baseline Model Mass Balance Summaries, TN: Relative Proportions



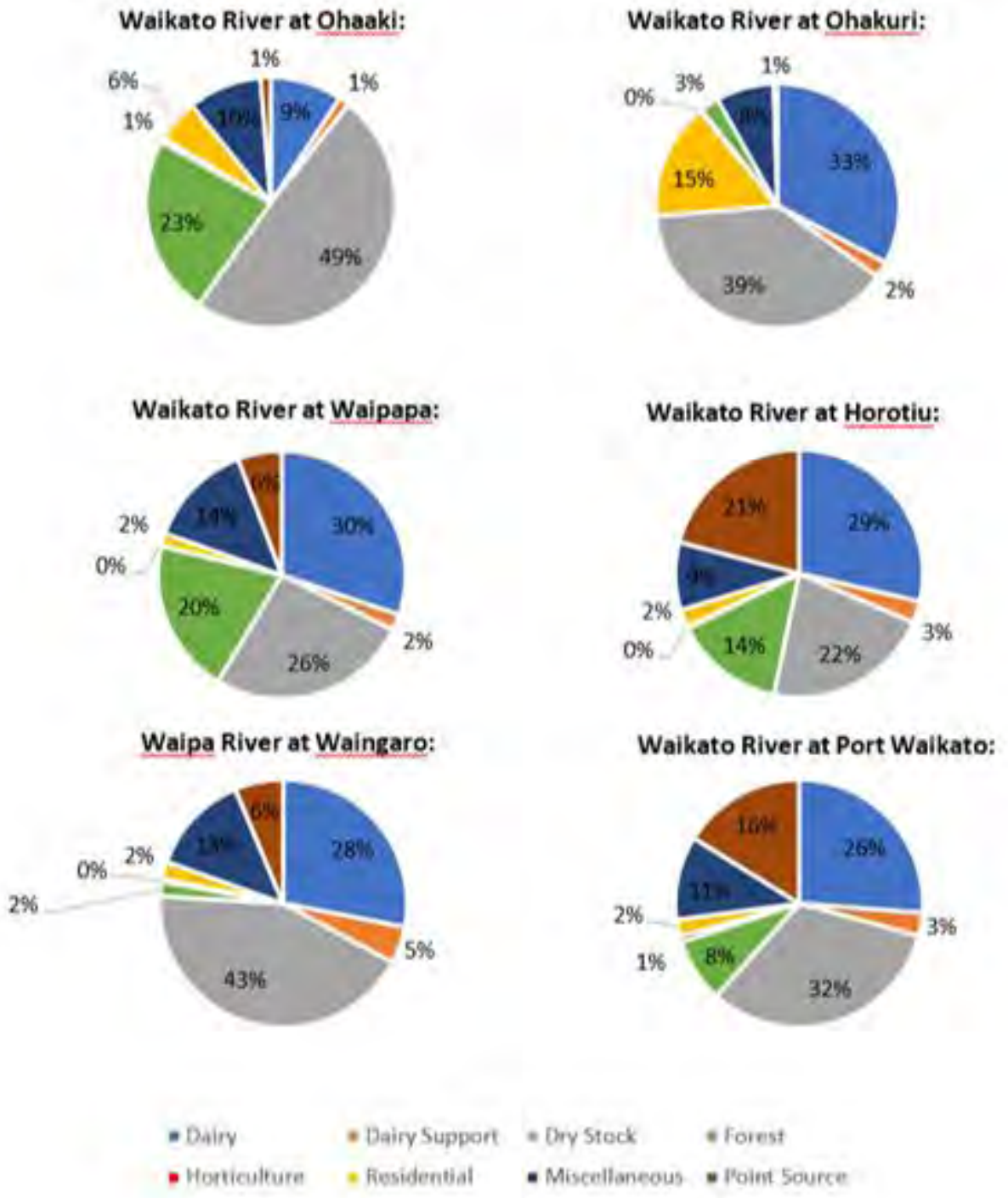
(HS1: Figure 2, Page 21 in EIC.)

Figure 3a: 2018 Landuse Mass Balance Summaries, TP: Relative Proportions



(New figure; not in evidence)

Figure 3: Baseline Model Mass Balance Summaries, TP: Relative Proportions



(HS1: Figure 3, Page 22 in EIC.)

Table 3: Equal Allocation Modelling Results: Existing PC1 Long-Term Targets

Waikato River Station	Upstream Drainage Area (ha)	Assumed Flow (cms)	Current Median Conc. (mg/L)	Target Median Conc. (mg/L)	Current Condition Equal Allocation Export Coeff. (kg-N/ha/yr)	Target Equal Allocation Export Coeff. (kg-N/ha/yr)	Required Diffuse Load Reduction[1]
Ohakuri	160,477	209	0.28	0.16	28	11.5	69%
Whakamaru	241,422	214	0.37	0.16	27	8.5	80%
Waipapa	333,000	238	0.41	0.16	26	6.3	90%
Narrows	465,871	315	0.63	0.35	31	15.5	57%
Horotiu	497,368	330	0.68	0.35	30	13.5	63%
Huntly	876,303	540	0.88	0.35	28	9.5	77%
Mercer	1,042,981	557	0.92	0.35	26.5	9	78%
Tuakau	1,067,000	629	0.83	0.35	29.5	10	76%

[1] = relative to load in excess of natural background load

Table 4: Equal Allocation Modelling Results: Proposed Freshwater Ecosystem Outcomes

Waikato River Station	Upstream Drainage Area (ha)	Assumed Flow (cms)	Current Median Conc. (mg/L)	Target Median Conc. (mg/L)	Current Condition Equal Allocation Export Coeff. (kg-N/ha/yr)	Target Equal Allocation Export Coeff. (kg-N/ha/yr)	Required Diffuse Load Reduction[1]
Ohakuri	160,477	209	0.28	0.25	28	24	17%
Whakamaru	241,422	214	0.37	0.25	27	16	48%
Waipapa	333,000	238	0.41	0.25	26	14	55%
Narrows	465,871	315	0.63	0.51	31	24.5	24%
Horotiu	497,368	330	0.68	0.51	30	21.5	33%
Huntly	876,303	540	0.88	0.8	28	25	13%
Mercer	1,042,981	557	0.92	0.8	26.5	22.5	18%
Tuakau	1,067,000	629	0.83	0.8	29.5	25	18%

[1] = relative to load in excess of natural background load

(Tables 3 & 4, Pages 15-16 in EIC.)

Table 10: LUC-Based Allocation Modelling Results: Nitrogen Allocations to Achieve Proposed Freshwater Ecosystem Water Quality Outcomes

LUC Class	Upper Waikato (kg-N/ha/yr)	Middle Waikato (kg-N/ha/yr)	Lower Waikato (kg-N/ha/yr)	Waipa (kg-N/ha/yr)
I	29.7	29.7	26.4	29.7
II	25.3	24.2	22	25.3
III	17.6	18.7	19.8	19.8
IV	17.6	18.7	17.6	19.8
V	15.4	15.4	15.4	15.4
VI	13.2	15.4	13.2	15.4
VII	8.8	9.9	8.8	11
VIII	4.4	4.4	4.4	4.4

(Table 10, Page 26 in EIC.)