

Attachment 1 Status of Groundwater Takes – October 2009

Wairarapa groundwater aquifers

Groundwater zone	Annual safe yield allocated ¹	Allocation status
Ahikouka	88%	
Battersea (3 aquifers)	77%	
Carterton (2 aquifers)	73%	
East Taratahi (2 aquifers)	3%	
Fernhill	16%	
Fernridge	0%	
Greytown	24%	
Hodders (2 aquifers)	46%	
Huangerua (aquifer 1)	23%	
Huangerua (Quaternary Terraces)	17%	
Huangerua (aquifer 2)	96%	
Lower Valley (Turanganui aquifer 1)	59%	
Lower Valley (Tauanui aquifer 1)	1%	
Lower Valley (Whangaehu aquifer 1)	31%	
Lower Valley (Kahutara aquifer 1)	0%	
Lower Valley (aquifer 2)	98%	
Lower Valley (aquifer 3)	45%	
Mangatarere	17%	
Martinborough Eastern Terraces	135%	
Martinborough Western Terraces	88%	
Masterton (aquifer 1)	9%	
Masterton (aquifer 2)	1%	
Matarawa	4%	
Middle Ruamahanga (aquifer 1)	100%	
Middle Ruamahanga (aquifer 2)	71%	
Moroa	30%	
Opaki (3 aquifers)	3%	
Parkvale (aquifer 1)	30%	
Parkvale (aquifers 2 & 3)	100%	
Pirinoa Terraces	0%	
Rathkeale	80%	
Riverside	100%	
South Featherston (2 aquifers)	30%	
Tauherenikau	26%	
Tawaha	100%	
Te Ore Ore (aquifer 1)	38%	
Te Ore Ore (aquifers 2 & 3)	100%	
Upper Opaki	0%	
Upper Plain (2 aquifers)	21%	
West Taratahi	12%	
Woodside (2 aquifers)	4%	

¹ Policy 6.2.3 of the Regional Freshwater Plan identifies various daily safe yields for groundwater zones in the Wairarapa. The assessment provided is based on % of groundwater allocated against the annual safe yield.

Red = Fully or over allocated

Orange = Stressed aquifer (i.e. over 80% allocated)

Kapiti groundwater aquifers

Groundwater zone	Annual safe yield allocated ²	Allocation status
Coastal (aquifer 1, 2, 3, and 4)	8%	
Hautere (aquifer 1, 2, and 3)	11%	
Otaki (aquifer 1 and 2)	50%	
Raumati/Paekakariki (aquifer 1 and 2)	8%	
Waikanae (sand and gravel aquifer)	86%	
Waitohu (aquifer 1, 2, and 3)	9%	

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Orange = Stressed aquifer (i.e. over 80% allocated)

Hutt groundwater aquifers

Groundwater zone	Annual safe yield allocated ³	Allocation status
Black Creek (aquifer 1 and 2)	0%	
Wainuiomata Stream	0%	
Wainuiomata River	5%	
Lower Hutt (Taita alluvium/Waiwhetu/Moera)	103%	
Upper Hutt (aquifer 1 and 2)	8%	
Mangaroa	0%	
Akatarawa	0%	
Pakuratahi	0%	

Red = Fully or over allocated

Orange = Stressed aquifer (i.e. over 80% allocated)

² Policy 6.2.3 of the Regional Freshwater Plan identifies various daily safe yields for groundwater zones in the Wairarapa. The assessment provided is based on % of groundwater allocated against the annual safe yield.

³ Policy 6.2.3 of the Regional Freshwater Plan identifies various daily safe yields for groundwater zones in the Wairarapa. The assessment provided is based on % of groundwater allocated against the annual safe yield.