

Appendix 3 Aquifer water availabilities and levels

All provisions in this appendix are regional plan [rp].

Table 1 Aquifer water availabilities

Aquifer name/ID	Location	Water availability (m³/ year)
Waitemata Aquifer		
Ōrewa Waitematā	Ōrewa	858,000
Whangaparāoa Waitematā	Whangaparāoa	528,000
Tomarata Waitemata	Tomarata	638,000
Ōmaha Waitematā	Ōmaha	105,000
Kumeū Waitematā	Kumeū	1,559,000
Mahurangi Waitematā	Mahurangi	1,605,500
Manukau Waitematā	Manukau	660,000
Clevedon East Waitematā	Clevedon	379,400
Clevedon West Waitematā	Clevedon	964,400
Kaawa Aquifer		
Pukekohe Kaawa	Pukekohe/Paerata	2,481,000
Glenbrook Kaawa	Glenbrook/Patumahoe	2,863,000
Waiuku Kaawa	Waiuku	2,957,000
Bombay - Drury Kaawa	Drury	718,000
Manukau Southeast Kaawa	Manukau	1,080,000
Volcanic Aquifer		
Pukekohe Central Volcanic	Pukekohe	956,000
Pukekohe South Volcanic	Pukekohe	490,000
Pukekohe West Volcanic	Pukekohe	420,000
Pukekohe North Volcanic	Pukekohe	420,000
Western Springs Volcanic	Western Springs	9,600,000
Ōnehunga Volcanic	Ōnehunga	8,468,000
Mt Wellington Volcanic	Mt Wellington	6,570,000
Mt Richmond Volcanic	Mt Wellington	880,000

Aquifer name/ID	Location	Water availability (m ³ /year)
Aquifers not separately listed		
Shallow, coastal aquifers	15% of average annual recharge as determined by the Auckland Council	
All other aquifers with connection to a surface water body	35% of average annual recharge as determined by the Auckland Council	
All other aquifers not separately listed without connection to a surface water body	65% of average annual recharge as determined by the Auckland Council	

Table 2 Interim aquifer groundwater levels

Name/ID	Location	Interim level (metres above NZVD2016)
Omaha Waitematā	Bore 25, Point Wells Rd	2.95 (for any 11 months of the year)
Waiwera Geothermal	AC beachfront Deep Bore No. 74	0.20 averaged over any consecutive 12 months
Parakai Geothermal	AC Deep Bore No. 86	2.23 averaged over any consecutive 12 months