



**PROJECT NUMBER:** P22-323  
**ADDRESS:** 65 & 73 Ratanui Road, Paraparaumu

<b>Preliminary Wastewater Flow Calculations</b>					
Unit Type	No of units	Population per unit	Peak Occupancy	Estimated Residential Yield	
Independent Living Units	260	1.3	338		235
Assisted Living Suites / Serviced Apartments	20	1	20		2.5
Memory Care Suites / Dementia Suites	0	1	0		
Care Facility (Suites / Beds)	30	1	30		
<b>Total</b>			<b>388</b>		<b>588</b>
<b>Village - Connection to Ratanui Road</b>					
Total resident occupancy			388		588
Guests (as per Waikanae)			45		
Staff (as per Waikanae)			40		
Daily flow per resident (KCDC SDPR 2012) (l/p/day)			250		250
Daily flow per guest/staff (est.) (l/p/day)			50		
Average dry weather flow (l/s)			1.17		1.70
Dry weather diurnal peaking factor (NZS 4404 2010)			2.5		2.5
Peak dry weather flow (l/s)			2.93		4.25
Dilution/infiltration factor for wet weather (NZS 4404 2010)			2.0		2.0
<b>Peak Wet Weather Flow (l/s)</b>			<b>5.86</b>		<b>8.50</b>