

What are the amounts of water involved?



The table below outlines the proposed changes to our existing Permit to Take Water. We note that the permits are 10-years in duration and the maximums applied for are based on the anticipated volumes in the 10th year and are conservative. First year volumes will be much lower and the proposal includes monitoring the site's groundwater and surface water network as the quarry gradually expands over the coming years.

Source Name	Purpose	Existing / New	First Year Maximum (est)	Applied for Max Volumes
Quarry Sump	Dewatering – Groundwater	New	1,200 m ³ /d**	6,000 m ³ /d
	Dewatering – Stormwater	New	30 m ³ /d*	15,500 m ³ /d
On-site Supply Well	Manufacturing	New	218 m ³ /d	218 m ³ /d
Source Pond / Quarry Water Management Pond	Manufacturing	Unchanged	Same	4,473 m ³ /d
Holding Pond	Manufacturing	Unchanged	Same	273 m ³ /d
Speed River	Manufacturing	Unchanged	Same	1,309 m ³ /d

* Maximum to allow for major rain events

** Based on assumptions about first year production