

Fortis IBA

Hillhouse IBA Facility

EP Application

Discharge Calculations*¹

Building Roof	Maximum rate of discharge (l/s) * ²	Maximum volume of effluent discharged daily (m ³)	Maximum volume of non-rainfall dependent effluent discharged daily (m ³)	Maximum rate of rainfall dependent discharge (l/s) * ²
Metal Bays	4.3	67.3	All discharged effluent is rainfall dependent. As such, this does not apply.	4.3
Stockpiles Shed	131.9	2077.9		131.9
IBA Processing Area	11.9	190.6		11.9

*¹ The calculations are based on data provided in the FRDA (refer to Appendix H).

*² This calculation would typically be based on the 1-in-30-year storm event data. However, the only provided data is 1-in-100-year.