

SCLG Aid to Cross 1: Comparison between MC1 and SR1 at various flow rates

Notes:

1. Scenarios and rates for MC1 from MC1 Conceptual Design Report, Exhibit 101, page 46, dated August 23, 2017

2. Bragg Creek Berms designed for 990m3/s or 1:100 level of overland flooding; protection against groundwater flooding not expected

3. Maximum target outflow of MC1 was designed at 212 m3/s as the level required for Glenmore Reservoir operations

4. Groundwater flooding and some overland flooding experienced in the 2005 flood for these communities. 2005 flood ~300m3/s

5. Assumed diversion rate for SR1 of 600m3/s per 2018 EIA. Exhibit 159, page 83 reduces this to 480m3/s, which is not reflected above