

Project: Proposed Flamborough Quarry Pump Test
Date: Monday July 28, 2008 (Day 8 of Pump Test)

Hydrology Summary (Surface Water and Precipitation)

There was a trace amount of rainfall on-site in the last 24 hours (approximately 0.8 mm occurring between 8:45 pm to 9:15 pm on Sunday July 27th, 2008).

Mountsberg Reservoir is showing a decline in levels and corresponding discharge as of 8:15 am on Monday July 28th, 2008.

The response due to rainfall events earlier in the week in Mountsberg Creek is now on the falling limb of the hydrograph at in the morning of July 28th, 2008 as verified from the last download at approximately 7:30 am with a level of 283.50 masl. This level corresponds to a flow of approximately 1.157 m³/s at Station SW-MC at the northwest corner of the site.

Water quality results at the creek stations on Day 8 were relatively consistent with baseline conditions observed before the pump test on Thursday July 17th, 2008. However, turbidity levels are still lower in Mountsberg Creek as a result of the rainfall-runoff response.