

Mount Forest Water Reservoir Crack Injection & Joint Restoration

Project: Mount Forest (Burlington)
Water Reservoir

Location: Burlington, ON

Client: Regional Municipality of
Halton

Completion: March, 2006

Background:

During a scheduled inspection of the underground Mount Forest water reservoir in Burlington, the Regional Municipality of Halton found some cracking in the concrete walls and ceiling. Evidence of possible ground water intrusion was also noticed. In order to avoid potential contamination of the potable water in the two million gallon reservoir, the region decided to have the cracks repaired immediately.

Scope of Work:

Based on a history of exemplary service to the Region of Halton, ACS was awarded the contract to repair the concrete cracks and to restore some questionable expansion joints. The scope of work included the following:

- ensure adherence to all safety and confined space entry requirements
- preparation, cleaning and high-pressure polyurethane injection of 210 lin.ft. of concrete cracks
- removal and replacement of 125 lin.ft. of polyurethane caulking in perimeter floor/wall expansion joints

ACS completed the project safely, on time and on budget.

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