

## Region eyeing area of existing well for more supply

By Bill Rea

Peel Region staff have concluded a new well will be needed to meet anticipated demand in the Caledon East area.

And it seems they have come on a possible site for it near an existing well.

That was spelled out last week at public information centre (PIC) hosted at Caledon Community Complex.

There had been eight possible sites considered in the area of the village. But it was reported at the PIC that unrelated to this project, the Region identified concerns regarding groundwater discharge at Airport Spring Pond. The nearby well, known as Well CE4, was tested and it was found there was considerable potential yield from it.

?It showed some favourable results for getting additional capacity there,? commented consultant Bill Andrews, of Hatch Mott MacDonald.

The Region has identified the need for additional water supply to accommodate approved growth in the Caledon East area. A broad study area was mapped out to find this additional supply, stretching as far north as Patterson Sideroad and even going far enough south to take in a good segment of Bolton.

There were six alternatives considered, including doing nothing, limiting growth in the area, implementing water conservation measures, constructing a new well supply, connecting to the existing well system in Bolton and extending the lake-based water supply. It was also report that the new well was the only option that properly addressed the needs.

There were eight possible sites for this well taken under consideration before the area around CE4. The most appealing location, after a set of criteria was applied, was in the area of Torbram Road and Boston Mills Road. The second-best one was determined to be in the area of Innis Lake Road, south of Old Church Road, followed by a site on Airport Road at Castledeerg Sideroad.

With the findings from CE4, the Region reported a new test well was drilled 30 metres away, at Site CE 4A. It was drilled between March and July last year, to a depth of 57 metres. It was pumped for a week at a continuous rate of 4,245 litres per minute. It was also reported at the PIC that there should be no significant interference with domestic wells or surface water supplied in the area.

Andrews said this is part of a class environmental assessment (EA), which should be completed by the end of June. Then the matter will be brought back for more consultation.

When it comes to the actual construction timeline, he said that will be up to the Region.