

PREVIEW

The Princess Anne Wellfield (Site) comprises two production wells identified as Princess Anne 5 (PA5) and Princess Anne 6 (PA6) and is permitted for an average annual taking of 6,800 m³/day with a maximum daily taking of 151.5 L/s (13,091 m³/day) from PA 6. The wells were constructed in 1969 and 1971. To improve the security of supply, Halton Region wishes to construct one or two standby wells such that a capacity of 150 L/s (12,960 m³/day) or more is obtained from preferably one or more wells.

Exploratory drilling conducted in 2011 identified two locations within the existing property boundaries that appeared to have suitable formation properties to supply the desired quantity and quality of water within approximately 200 metres of the existing pump house.

This contract will require the successful Contractor to provide all labour, equipment, materials necessary to complete the following tasks:

- Drill a pilot hole to verify soil conditions and recommend a suitable well design;
- Construct and develop the standby production well;
- Test the standby production well to demonstrate satisfactory completion of the standby well;
- Test the standby production to demonstrate the capacity of the standby well; and,
- Additional testing to collect information that can be used by others to obtain a Permit to Take Water for the standby production well.