



City of
Peterborough

TO: Members of Planning Committee

FROM: Malcolm Hunt, Director of Planning and Development Services

MEETING DATE: June 22, 2009

SUBJECT: Report PLPD09-035
Source Water Protection Expansion of the Intake Protection
Zone – 1 and Ontario Drinking Water Protection Stewardship
Program

PURPOSE

A report to recommend the adoption of an expanded Intake Protection Zone in relation to the source water protection planning initiatives.

RECOMMENDATION

That Council approve the recommendations outlined in report PLPD09-035 dated June 2009, of the Director of Planning and Development Services, as follows:

That the City of Peterborough adopt the expanded Intake Protection Zone 1 as illustrated on Exhibit A appended to PLPD09-035 for the sole purpose of extending funding offered to protect source water through the Ontario Drinking Water Stewardship Program.

BUDGET AND FINANCIAL IMPLICATIONS

No budget or financial implications would result from the decision to approve the above recommendation. The purpose of the expanded protection zone is to extend the limits to which funding from the Ontario Drinking Water Protection Stewardship Program will be available for property owners

BACKGROUND

The Source Water Protection Planning initiative has been proceeding. Consultants are working on watershed characterization, water budget modelling, and intake protection zone vulnerability/threat and issue assessment for each of the watersheds within the Trent River System. It is anticipated that the Draft, Proposed Assessment Report may be completed by the end of July and will be advanced through a public consultation process in late August early September.

After the Source Water Protection Planning initiative had begun, the Ontario Drinking Water Stewardship Program (ODWSP) was activated in 2008. The purpose of the stewardship program was to provide financial assistance for voluntary projects and programs aimed at protecting municipal drinking water sources in advance of the Source Water Protection Plans being completed. Between the spring of 2008 and 2011, \$21 million has been made available for the program. Reflecting on the limited uptake of the funding offered through the program thus far, the Ministry of the Environment involved stakeholders including members of the Municipal Working Committee in a consultative process to determine how the MOE may better ensure that the financial assistance provided through the ODWSP may be effectively put to use.

The Stewardship Program:

The 2008-2009 ODWSP program includes an enhancement in the eligible items and grant rates under the Beneficial Management (Early) Actions components as follows:

- Upgrading septic systems (80% up to \$7,000 for regular systems and \$15,000 for advanced septic systems)
- Decommissioning wells (80% up to \$4,000)
- Runoff and Erosion Protection and additional Best Management Practices (25%-70% and \$1,000 - \$60,000)
- Conducting a pollution prevention review (100% up to \$12,000)
- Conservation of Land (easements, leasing or purchasing land put into retirement, details to be provided by the Ministry of Environment in the future)
- Fuel storage management practices (details to be provided by the Ministry of Environment in the future)

Eligibility:

Originally, those eligible for funding owned property located within 100 metre radius of the municipal well head and in the case of Peterborough, within a 200 metres radius of a surface water intake as illustrated on the plan attached as Exhibit A.

The new IPZ-1 area may be described as including lands within 120 metres of the banks of the Otonabee River extending from power dam below the water intake, to a point 1 km up stream of the intake. The decision to define the limits of the IPZ-1 as such, is determined by technical rules set by the Ministry of the Environment. It is based on the best available information but may change as a result of ongoing technical work being done as a part of the Source Water Protection Planning Process.

Implications:

The current IPZ-1 area encompasses a 200 metre radius from the intake point that includes predominantly land owned by the Peterborough Utilities Services Incorporated (PUSI) and minor portions of about eight private residential properties on the west side of Armour Road. The expanded IPZ-1 area would extend up the river encompassing more land owned by the PUSI and approximately 50 private land owners including 2 multi-unit condominium sites.

The decision requested of council to adopt the expanded IPZ-1 as described, is for the purpose of extending funding through the Stewardship Plan to property owners. It is the Source Protection Planning Process that will ultimately determine the implications of the defined Intake Protection Zone 1 on activities and use of land located within it.

Staff would recommend that Council adopt the expanded Intake Protection Zone 1 as illustrated on the attached Plan for the sole purpose of extending funding from the Ministry of Environment offered to protect source water through the Ontario Drinking Water Stewardship Program.

Submitted by,

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Attachments:

Exhibit “A” – Map of Intake Protection Zones -1

Exhibit “B” – Map of adjacent properties along the Otonabee River

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Exhibit B - Page 1 of 1

Map illustrating adjacent properties along the section of the Otonabee River

