



**City of Guelph Water Supply Master Plan:
Public Forum #1**

Agenda and Participant Worksheets

Contact Information (Optional)

Name:

Title:

Affiliation/Organization:

March 8, 2005
Cutten Club, 190 College Avenue East, Guelph

City of Guelph Water Supply Master Plan: Public Forum #1

Tuesday, March 8, 2005, 6:00 – 9:30 p.m.
Cutten Club, 190 College Avenue East, Guelph

AGENDA

Meeting Purpose: To introduce the Water Supply Master Plan (WSMP) project and process to the public in Guelph and surrounding municipalities and to seek early feedback.

- 6:00 p.m. **Open House – Registration and Refreshments**
Opportunity for participants to view displays and meet informally with City staff and consultant team
- 7:00 p.m. **Welcome and Opening Remarks – City of Guelph**
- 7:05 p.m. **Meeting Purpose and Agenda Review – Dave Dilks, Facilitator**
- 7:15 p.m. **Introduction to City of Guelph Water Supply Master Plan -
John Haasen, Earth Tech**
- 1) Overview of Master Plan and Class EA Process
 - 2) Existing Water Supply and Sources
 - 3) Water Supply Issues and Options for the Future
- A question and answer period will follow the presentation.
- 8:00 p.m. **Break**
- 8:10 p.m. **Roundtable Discussion – All**
- Goals and Results
 - Alternative Water Supply Options
 - Choosing Options for the Future
- 8:50 p.m. **Roundtable Highlights and Plenary Discussion**
- 9:25 p.m. **Closing Remarks – City of Guelph**
- 9:30 p.m. **Adjourn**

ROUNDTABLE DISCUSSION QUESTIONS

Goals and Results

1. The Master Plan will identify where and how Guelph will get its water supply for the next 50 years. As you think about this long-term plan, what goals or results would you want to see achieved through the plan?

Goals/Results

Alternative Solution	Description
Water Conservation/ Demand Management	<ul style="list-style-type: none"> - The City has already developed and implemented a comprehensive water conservation strategy that is regarded by many as a model. - The City is committed to building on the success of the strategy. - Continue to develop water conservation strategy such as encouraging the use of low flush toilets in existing and new developments, toilet replacement, leak detection, undertaking rehabilitation activities and accelerating the City’s unaccounted for water (UFW) program. - Water use efficiency is effectively a source of water supply similar to a water supply from a municipal well. - Develop Public Education Program to reinforce current and future strategies. - The American Water Works Association (AWWA) suggests that additional savings of 4 to 5 % may be expected from ongoing awareness programs. - Reducing water use or reusing water (e.g. grey water used for golf course irrigation) can have the same effect as increasing water supply in that each litre of water saved by an existing consumer can be made available for the growth needs of the community. - Program success based on continuous monitoring as well as pricing mechanisms.
Expand Existing Water Supply System	<ul style="list-style-type: none"> • Based on expanding/ upgrading existing groundwater municipal water supply system and considering treatment of existing sources, innovative technologies, future requirements and current problems. • To include: <ul style="list-style-type: none"> - Increase water takings from established sources - Equip and operate inactive wells/ provide treatment - Optimize existing well capacities - Possible Aquifer Storage and Recovery (ASR)* • Based on exploration for new groundwater sources within or outside of existing supply system. • Develop additional groundwater supplies
Establish New Surface Water Supply - Local	<ul style="list-style-type: none"> • New Local Surface Water: <ul style="list-style-type: none"> - Speed River, Eramosa River, Guelph Lake
Establish New Surface Water Supply -Regional	<ul style="list-style-type: none"> • New Other Surface Water Source <ul style="list-style-type: none"> - Great Lakes Pipelines (independent or in partnership with other municipalities)
Limit Community Growth	<ul style="list-style-type: none"> • Reduce future water supply needs by limiting the extent, density, type and/ or location of future residential, industrial, commercial and institutional growth in the City below levels identified in recent planning studies. • Requires change to municipal planning documents.
2. Do Nothing	<ul style="list-style-type: none"> • In which no improvements or changes would be undertaken to address present and long- term water supply requirements. This would have a significant impact on the growth potential for the City would be contrary to its Regional Official Plan and Growth Management Strategy. • The “Do Nothing” alternative represents what would likely occur if none of the alternative solutions were implemented.

*ASR: Aquifer storage recovery (ASR) is a water management technology in which water is stored underground in a suitable aquifer through a well during times when the water is available, and recovered from the same well when needed. (AWWA 1996).

Alternative Water Supply Options

2. Looking at the preliminary list of possible water supply solutions, what alternatives do you see as priorities? What alternatives (if any) should not be considered? Why?

Comments on Alternative Water Supply Solutions

