

# Lakes Region Future: WATER INFRASTRUCTURE COMPONENT

## CHAPTER OUTLINE

The **Water Infrastructure Planning Chapter** evaluates existing infrastructural and natural systems and identifies areas where investments in drinking water, wastewater and stormwater systems will be necessary to support the sustainability of the community. This Chapter also seeks to propose strategies that are aligned with municipal and regional land use goals and policies.

### 1. Introduction

- a. Define Water Infrastructure
- b. Provide an Overview of the Link Between Water Infrastructure and Water Resources
- c. Introduce Overarching Challenges and Opportunities

### 2. Water Infrastructure Assets, Issues and Opportunities

- a. Identify Major Issues
  - i. Identify Major threats and challenges
  - ii. Draw relationships to other chapters
- b. Major, long-term trends in water resources management strategies
  - i. Major programs and legislative landmarks
    1. Discuss impacts, benefits and challenges to our region's towns
    2. How has this shaped the local and regional role?
  - ii. Evolution of awareness and resultant behavior change
- c. Present Community Engagement Results
  - i. Communities of Interest/Place, Listening Boxes, Open Houses, etc.
    1. Tell the story
    2. What was said?
    3. What did it teach us?
- d. Identify the Most Significant Priorities for the Future

**3. Water Infrastructure Topics & Trends in the Region** - For this section, each of four topics listed below will be discussed within the following framework:

- a. Topics
  - i. Wastewater
  - ii. Stormwater
  - iii. Drinking Water
  - iv. Water Resources
    1. Surface Water
    2. Groundwater
  - v. Protection Strategies
    1. Infrastructural Improvements
    2. Land Use Choices
- b. Framework for Discussing Each Topic
  - i. Background
  - ii. Current Conditions and Recent Trends
  - iii. Opportunities

**4. Summary of Findings**

- a. What really stood out to your planning group as you conducted your research?
- b. Were any commonly held perceptions challenged through this process?

**5. Conclusions**

- a. Highlight the Region's strengths
- b. Revisit major threats and challenges (2.a.i)
- c. Establish Priority Areas for Water Infrastructure Development and Investment

**6. Goals and Objectives** - For this section, determine whether it will be best to categorize goals and objectives by threat or by resource. Then, write about those topics within the following framework, making sure to address each of the topics covered in your "Existing Conditions" section:

- a. How have we as a region decided we want to manage our water resources?
- b. Considering the barriers that have been identified, where do we need to focus?

**7. Recommendations & Plan of Action**

- a. For each priority area for water infrastructure development or investment, recommend solutions that reflect the greater level of dialogue that this planning process has enabled.
- b. For each solution, provide actionable steps for progress.