



Shaws Creek Subwatershed Study

Subwatershed 17 - Public Consultation

Royal Canadian Legion, Alton, Ontario

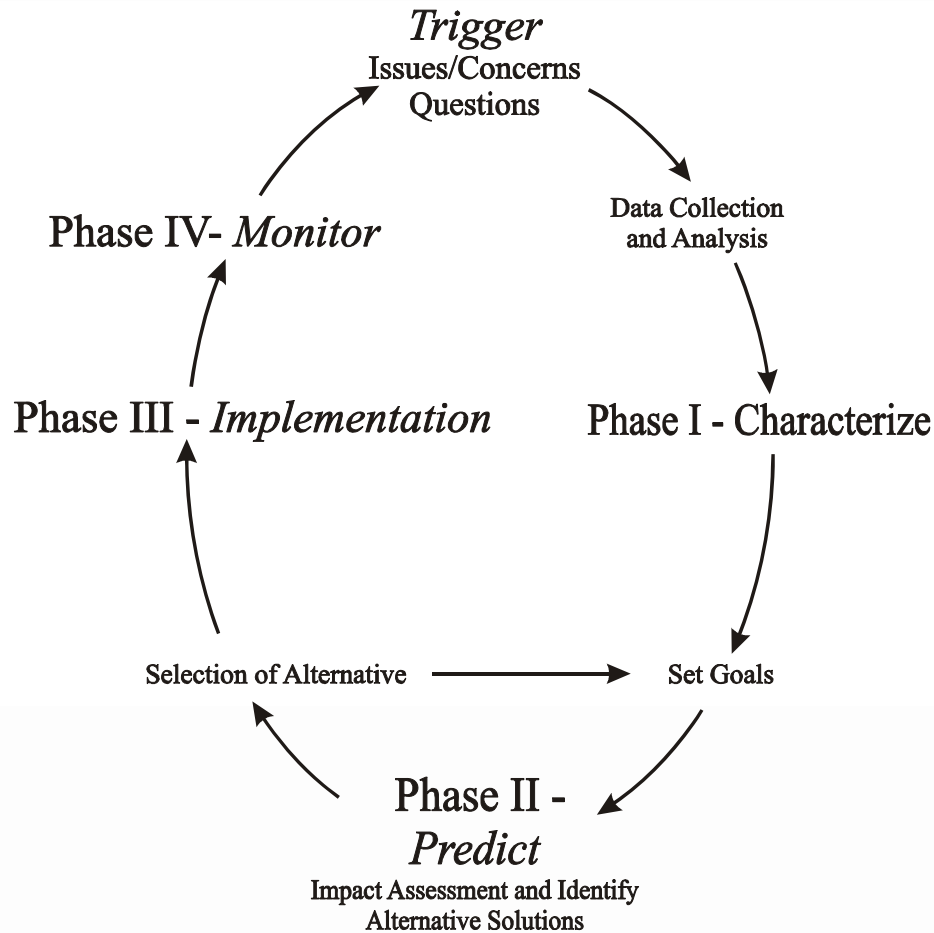
July 30, 2009

AECOM

Study Overview

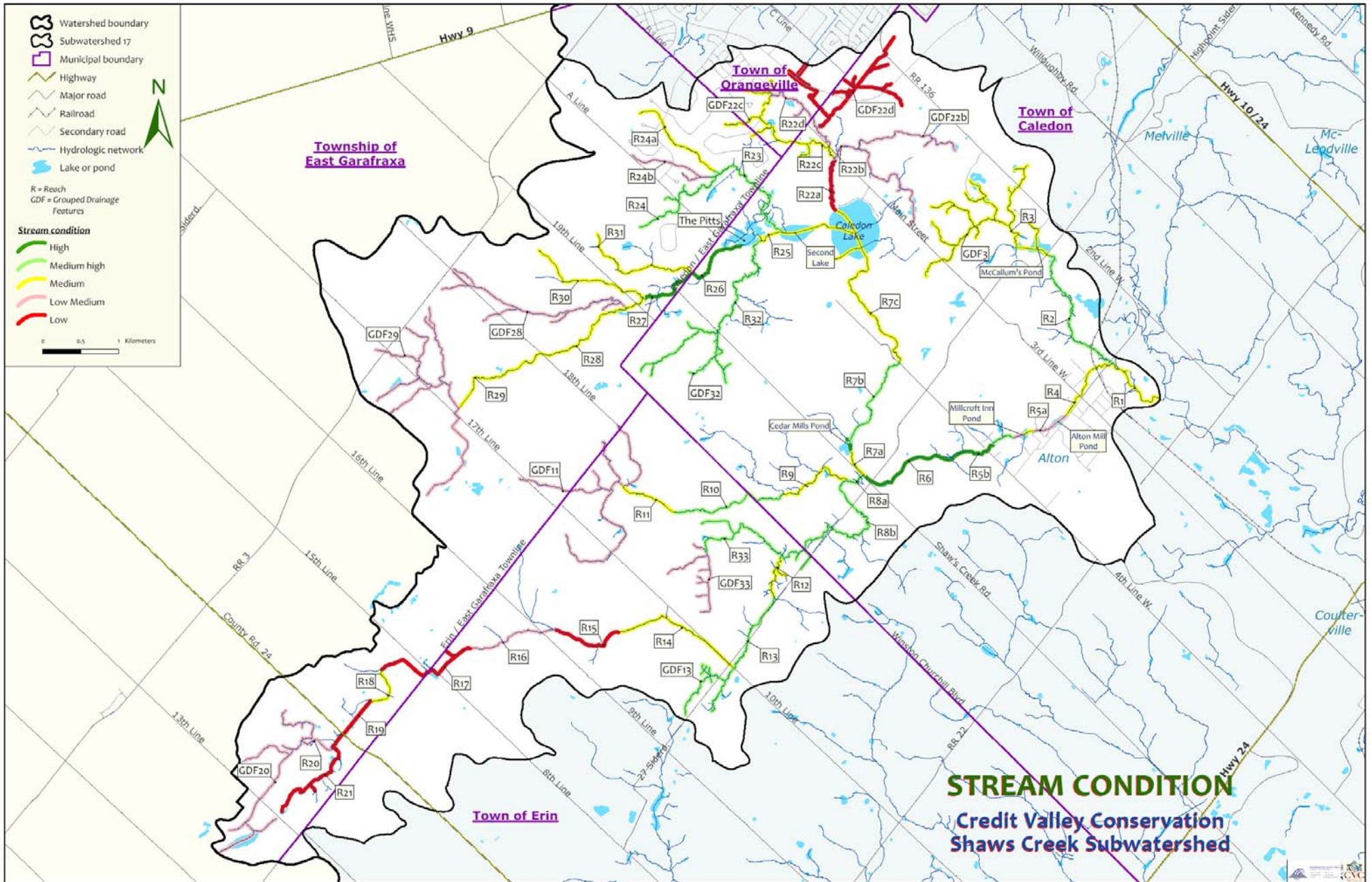
- This study covers the environmental and water related issues within the Shaws Creek Subwatershed (Subwatershed 17)
- The goal is to achieve an understanding of how the ecosystem within the subwatershed functions, and how land use changes will impact upon it
- This study is to be used as one component of a land use management strategy that may be developed by the municipal partners in an effort to balance economic, social and environmental needs within the communities

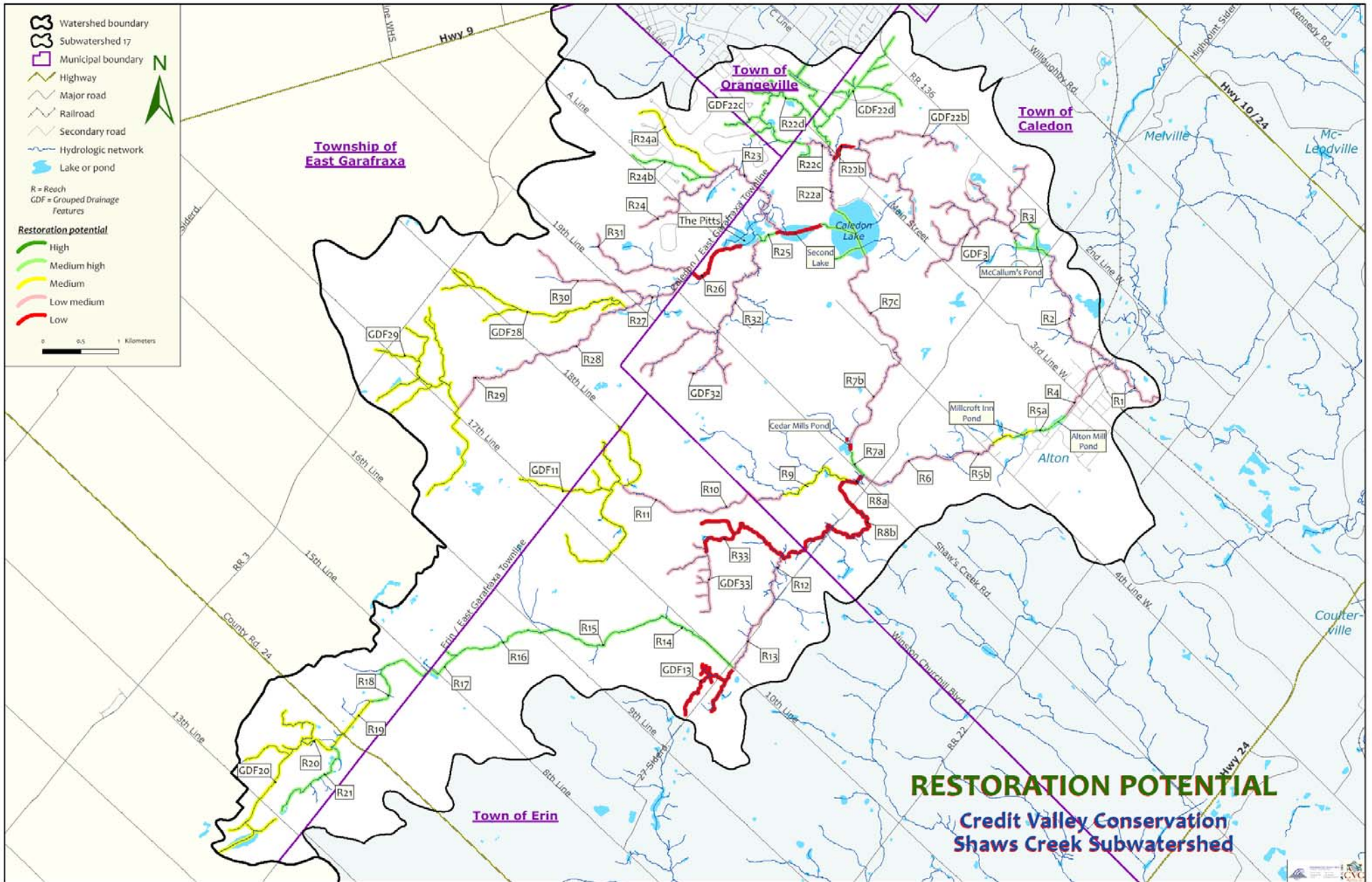
Methodology



Monitoring and the Subwatershed Planning Process

- Phase I is complete
 - Report is being finalized
 - Public consultation for this Phase was carried out in 2006
- Phase II underway
 - Streams and upland areas have been further assessed to identify priorities in implementation
 - Targets for environmental conditions have been established
 - Future conditions scenarios have been identified and impact assessments have been initiated





Future Conditions Scenarios

- No Change
- Pond Mitigation
 - mitigation of ponds for fish passage, water quality and sediment transport
- Aggregate 1 – moderate aggregate extraction within approved areas
- Aggregate 2 – aggregate extraction to limits of approved areas
- Enhancement 1
 - minor enhancement of natural areas and stream corridors
- Enhancement 2
 - moderate enhancement of natural areas and stream corridors
- Enhancement 3
 - ecotopia enhancement of natural areas and stream corridors
- Climate Change 1 – hotter-drier
- Climate Change 2 – hotter-wetter

Next Steps and Future Consultation

- Complete impact assessment for future conditions scenarios
- Development of preferred alternative management strategy
- Develop Implementation Plan
- Next Public Consultation – November 2009