

# Source Water Protection

Municipal Implementation  
Size Doesn't Matter



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# Presentation topics

- A bit about NBP
- A Bit about me
- SWP implications for NBP
- Risk Management Official/Risk Management Inspector
- Conclusion



# Northern Bruce Peninsula

- NBP covers an area of 781.51 square kilometers
- Permanent population 3,900 residents and just over 5000 homes
- Peninsula is surrounded by Georgian Bay and Lake Huron.
- Water system in Lions Head (Surface Water)
- Water System Tobermory Harbour (non Residential) (Surface Water)
- Water System Tobermory Community Centre (Non Residential) (Ground Water)



# A Bit About Me

- 26 years in municipal government
- Involved in various capacities with over a dozen municipal water systems
- Been involved in SWP since 2004
  - 2004 committee member for consultant selection for SWP technical studies
  - 2011 to present, member of provincial government SWP municipal working group
  - 2011 to present, member of SWP management Committee
  - 2015 member - SWP Technical Advisory Working Group
  - 2015 Member of the “RMO in A Box” advisory Committee



# SWP implementation

## Northern Bruce Peninsula

- NBP is unique, as we do not have a Conservation Authority
  - Formed partnership with Grey Sable and Saugeen Valley CA for the purposes of SWP
  - NBP has three members on the SWP management Committee along with three members from Grey Sauble and three from Saugeen Valley
- Since the mid 2000's NBP council has created and continues to add funds to a SWP reserve (approx. \$90,000)



# SWP implementation

## NBP– Continued

- 2013 Acquired SPIMF \$53,000
- 2014 Obtained documentation from SWP staff pertaining to drinking water threats
- 2014 retained GSS engineering, Jeff Graham RMO, to assist SWP implementation
- GSS engineering currently corresponding and setting up meetings with property owners to undertake site visits, Threats verification and septic Re-inspections.
- Forms used by consultant are similar to those from the “RMO in a Box” suite of tools



# RMO/RMI

- Select a RMO (Risk management Official) and RMI (Risk Management Inspector)
  - They Can be one in the same
  - Northern Bruce Peninsula has trained and certified 5 RMO's (keeping our options open!)
- NBP has not officially passed a bylaw appointing a RMO/RMI
  - Once RMO/RMI is officially appointed annual reporting is required
  - NBP will wait to appoint a RMO/RMI when Source Protection Plan approved by the Province



# RMO/RMI - Continued

- Current plan is to have GSS engineering undertake all the necessary steps to verify threats, educate impacted residents, prepare “Draft” Risk Management Plans (RMP’s) if/where necessary
  - Use of RMO certified consultant prevents additional workload on municipal staff
  - Work Qualifies for SPMIF
- Once Plan approved, consider utilizing existing staff (CBO) vs out sourcing to Consultant or SWP staff for
  - Flagging of development applications associated with certain land uses within Source Water Protection areas
  - Prohibit future activities
  - Negotiate and enforce site-specific risk management plans





# Conclusion

- Source Water implementation is no longer a future budgetary issue, its now
- You need to start setting up your RMO/RMI office
- You need to consider pros/cons of appointing existing staff vs out sourcing (Source Water staff proposal or consultant)
  - Consider workload
  - Train RMO/RMI, set up office, consult with impacted property owners and/or tenants and prepare Risk Management Plans
  - Ongoing public education and review land use applications within SWP zones and annual reporting requirements
- Decide how to recoup cost to run the program (impacted property owners, water system users, tax base to name a few



# SIZE DOESN'T MATTER

- Source Water Protection Plans and their requirements are virtually the same for all impacted Municipalities, big or small
- start your SWP implementation planning NOW, if you haven't already

Thank You

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Municipality of Northern Bruce Peninsula