

Septic Systems, Lake Health and Drinking Water Safety

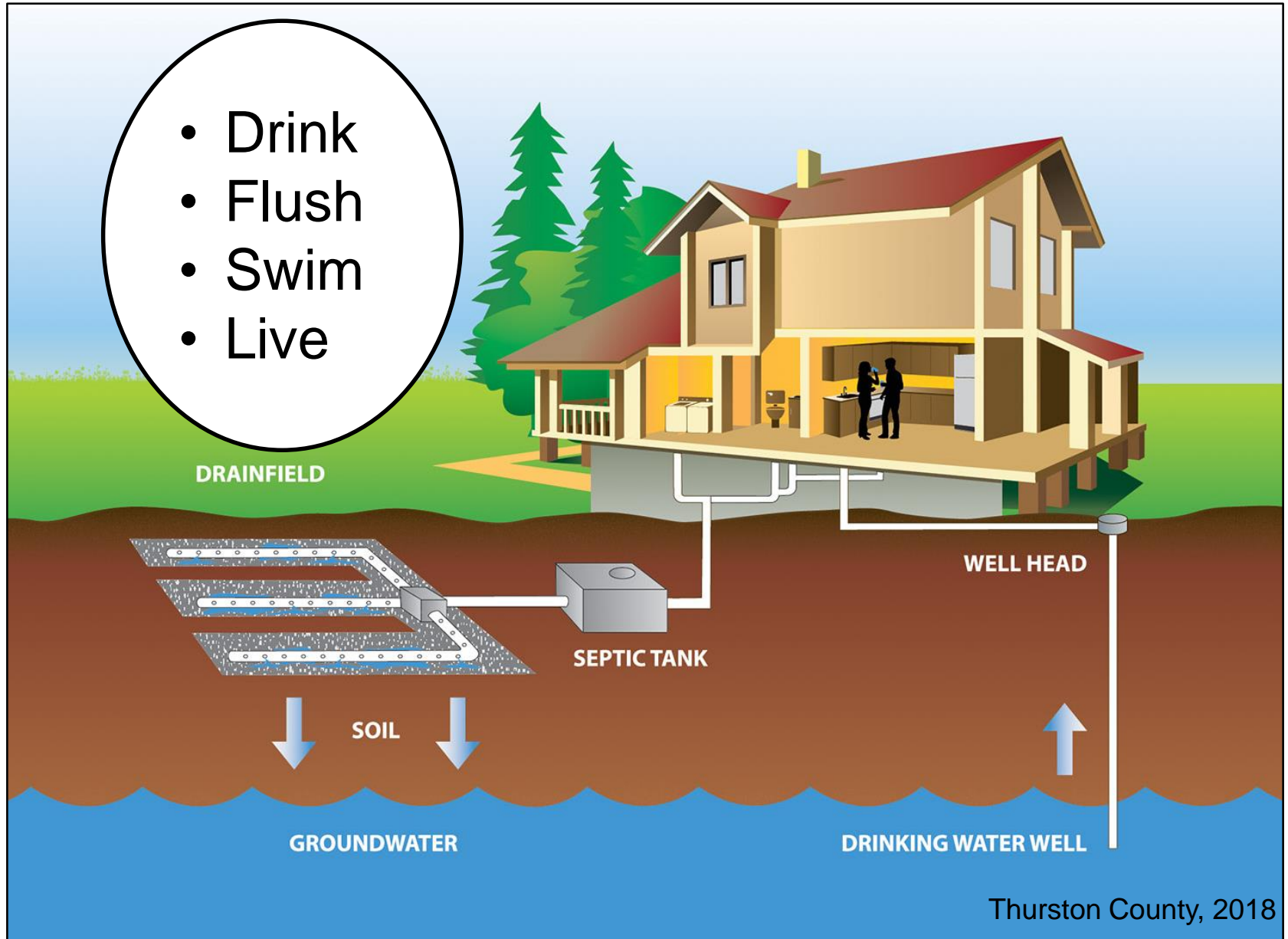


Lake Networking Group: Septic Savvy, May 26, 2018
Holly Evans, Watershed Planning Coordinator

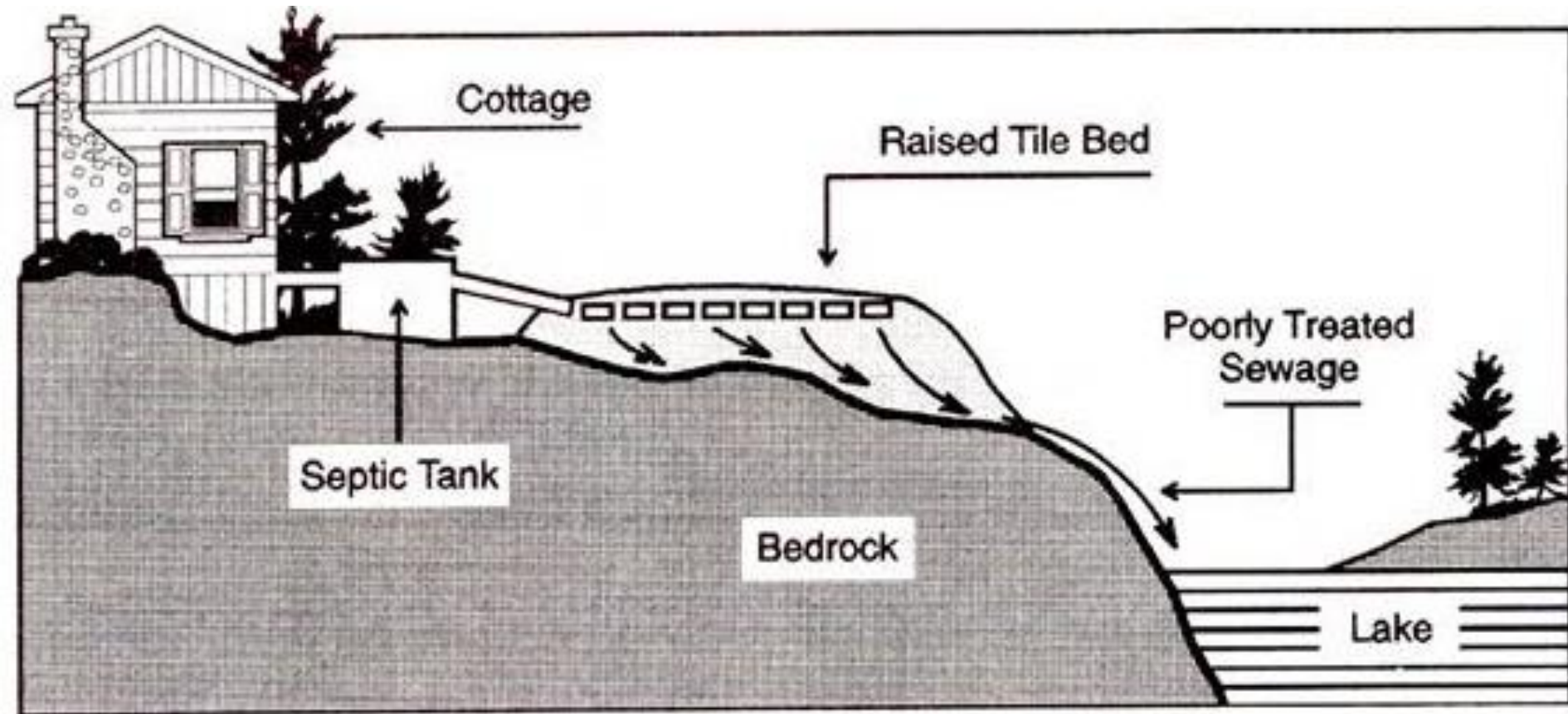


One Water

- Drink
- Flush
- Swim
- Live



Septic System Effluent



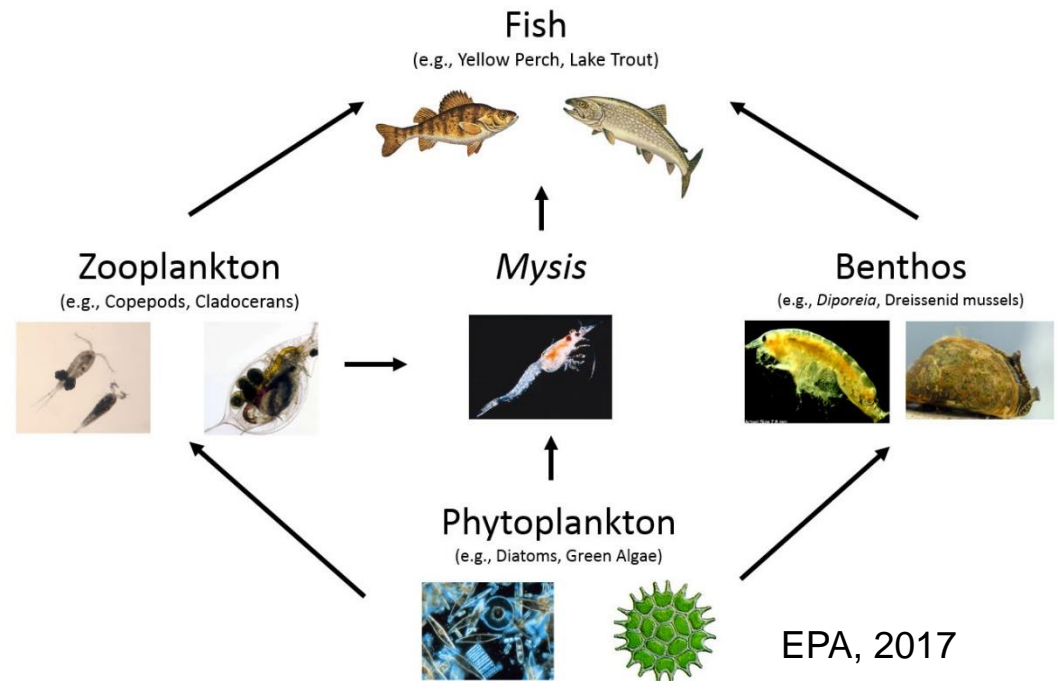
Drinking Water Impacts

- Pathogens
- Nitrogen
- Chemicals
- Micropollutants
(pharmaceuticals and
endocrine-active
compounds)



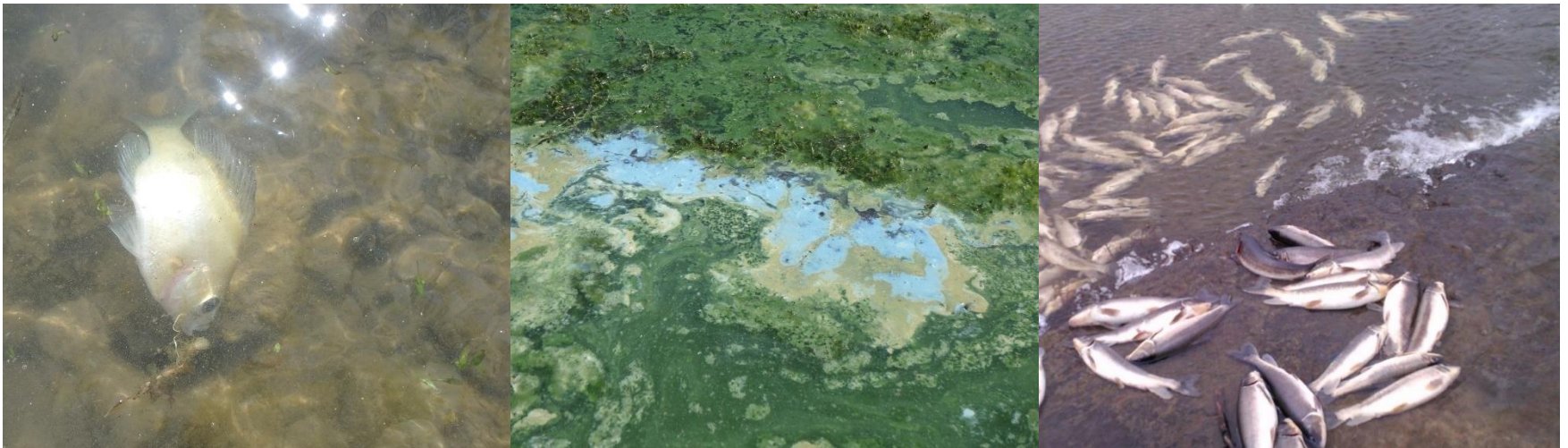
Nearshore Impacts

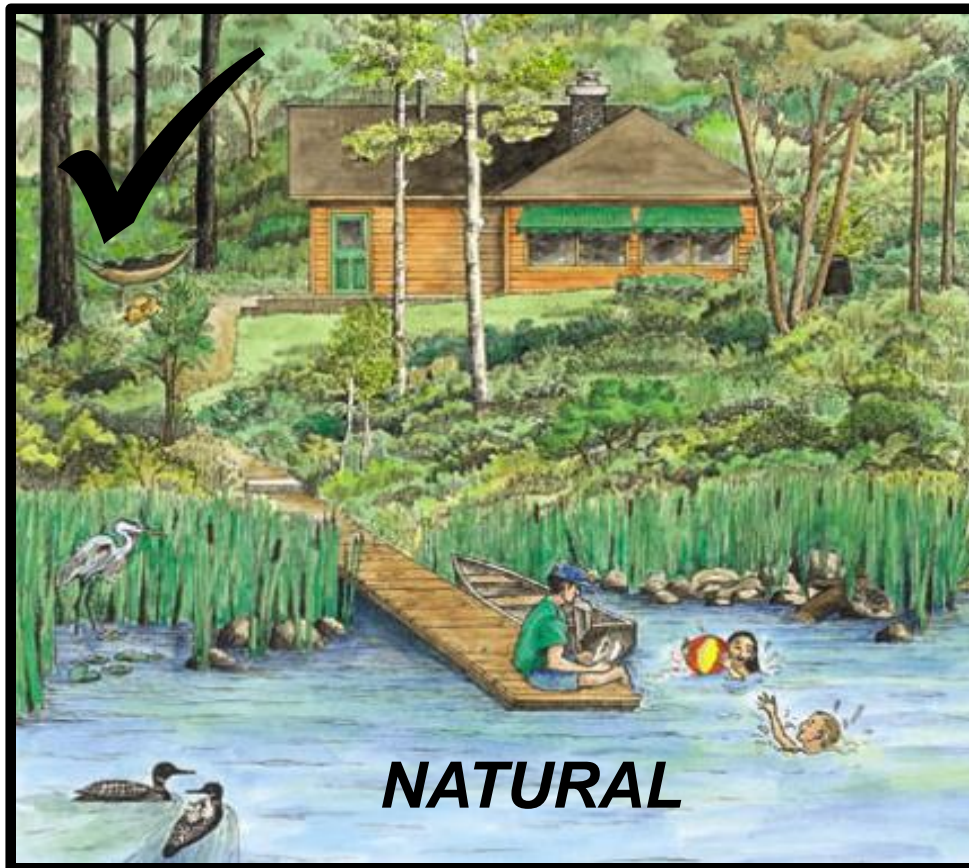
- Algae
- Pathogens
- Increased biological oxygen demand
- Reduced biodiversity / food web disturbance



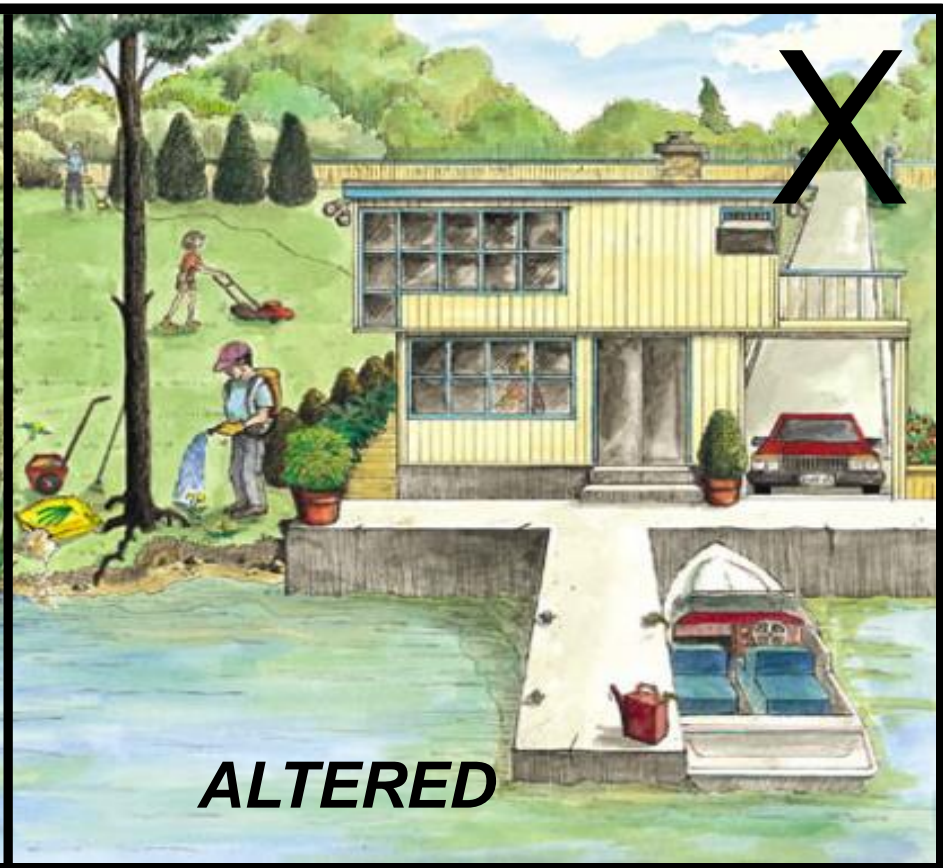
Lake-wide Impacts

- Eutrophication
- Algae blooms
- Hypoxia
- Reduced biodiversity / food web disturbance





NATURAL



ALTERED

Thank you



Holly Evans

Coordinator, Watershed Planning

hevans@crca.ca

References:

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