



4th Annual Renfrew County Stewardship Forum

“Toward Watershed Planning”

Pembroke

30 November 2015





AGENDA

8:30 – 9:00 Registration and Coffee/Tea

9:00 – 9:05 Welcome

Kathryn Lindsay, Bonnechere River Watershed Project

Ole Hendrickson, Ottawa River Institute

Kristina Inrig, Sustainable Eastern Ontario

9:05 - 9:10 Opening Invocation

Morning Session moderator: Kathryn Lindsay

9:10 – 9:30 Background of the Forum/Participant Introductions

9:30 – 9:35 Introduction to AM Session

9:35 – 10:35 Feature topic: Review of the County of Renfrew Official Plan

Presenters: Charles Cheesman and Paul Moreau, County of Renfrew

10:35 – 10:50 Coffee/Tea Break

10:50 – 11:40 Table Discussions

11:40 – 12:00 Report-backs from Table Discussions

12:00 – 12:45 Lunch/Networking

Afternoon Session moderator: Ole Hendrickson

12:50 Introduction to PM Session

13:00 – 13:20 Capacity-Building Support for Local Groups

Kristina Inrig, Sustainable Eastern Ontario

13:20 - 14:40 Panel: Engaging the Agricultural Community in Freshwater Stewardship

Panelists: Kathryn Lindsay, Bonnechere River Watershed Project;

Karen and Rene Coulas, Muskrat Watershed Council Agriculture Committee;

Gerry Richards, Renfrew County Soil & Crop Improvement Association;

Lynn Clelland, Renfrew County South District Women's Institute

14:40 – 15:00 Wrap-up, Next Steps and Thanks



Bonnechere River Watershed Project

"Helping ourselves to a Healthy Environment"

BRWP Strategic Plan 2014-2019

Vision: All parts of society care about watershed health

Mission: To engage with others to promote awareness and inspire stewardship actions for the Bonnechere River and its watershed

Strategic Directions

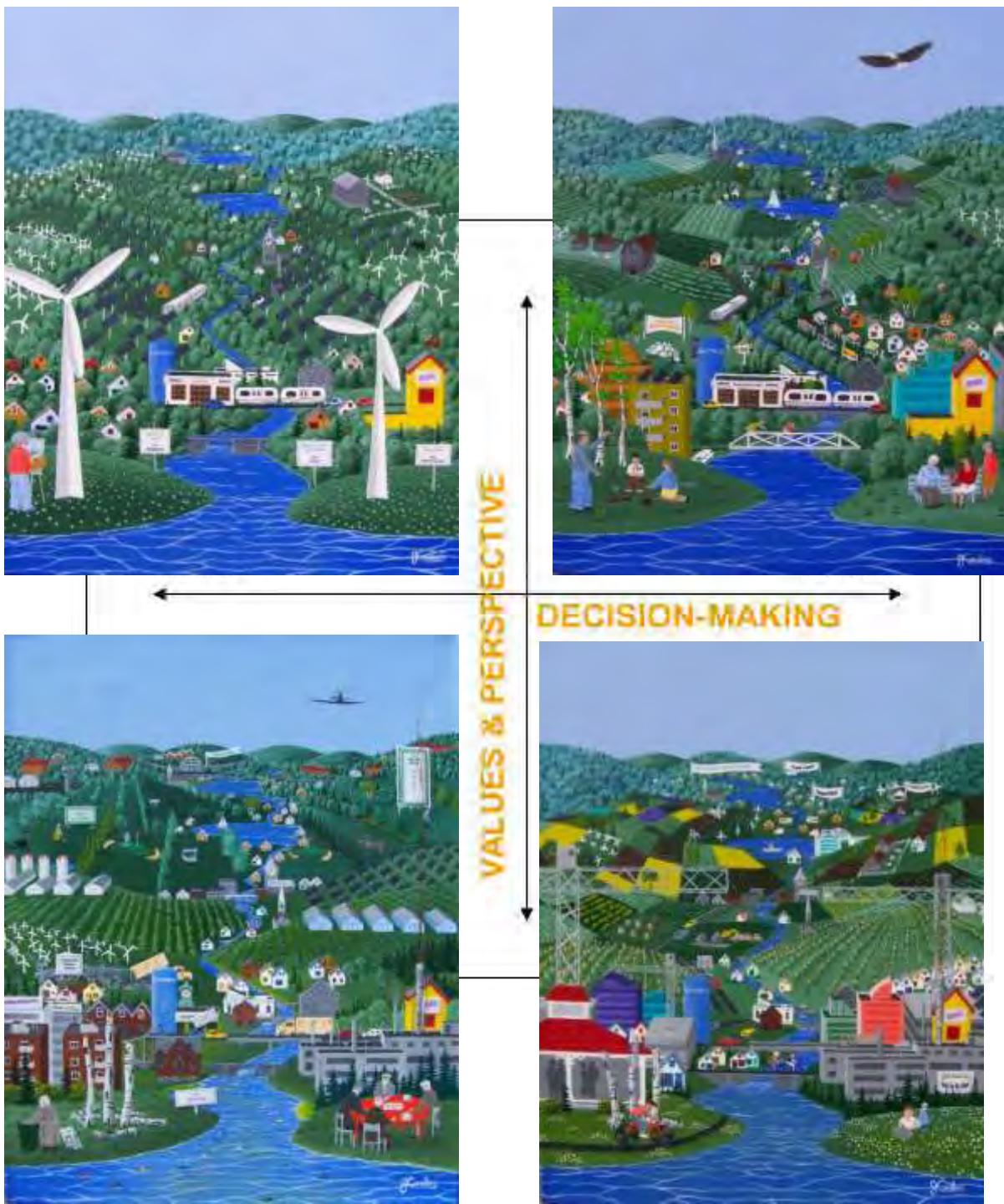
- Promote stewardship through active living in the watershed
- Improve public awareness about our watershed
- Understand the issues for our watershed
- Build our collective capacity to take stewardship action

Carleton DGES PhD

Assessing ecosystem service governance:
Interactions among actors in a rural watershed
in eastern Ontario



Futures painted by Jerome Coulas 2011





RCSF History

- The inaugural Renfrew County Stewardship Forum “Fostering Adaptive Collaboration” was held at Algonquin College in Pembroke on April 24th, 2012, with a focus on our changing climate and the collaborative, non-regulatory approach used by Muskoka Watershed Council to advance stewardship and to foster innovation.



RCSF History

- The second annual Renfrew County Stewardship Forum “Fostering Shoreline Conservation” was held on February 7th, 2013 at the Marguerite Centre in Pembroke. Discussions focused on the Centre for Sustainable Watersheds (now Watersheds Canada) 2012 shoreline surveys, the Mississippi Valley Conservation Authority research on implications of changing climate on water management, and proposed community collaboration on Renfrew County environmental issues, in particular, hyper-eutrophication of Muskrat Lake.



RCSF History

- The third annual Renfrew County Stewardship Forum “Celebrating Our Watersheds: Trails and Tributaries” was held May 9th, 2014 at the Marguerite Centre in Pembroke. Over 40 participants from around the County contributed to lively discussions on a range of topics including active transportation, the County’s efforts and plans for trail development, the Algonquin’s of Pikwakangan interest in trails development along the abandoned CP rail line and water quality concerns in County watersheds, in particular the Bonnechere and the Muskrat watersheds.



RCSF History

- The fourth annual Renfrew County Stewardship Forum “Toward Watershed Planning” is today, November 30th, 2015 at the Best Western in Pembroke.

Thanks for participating!



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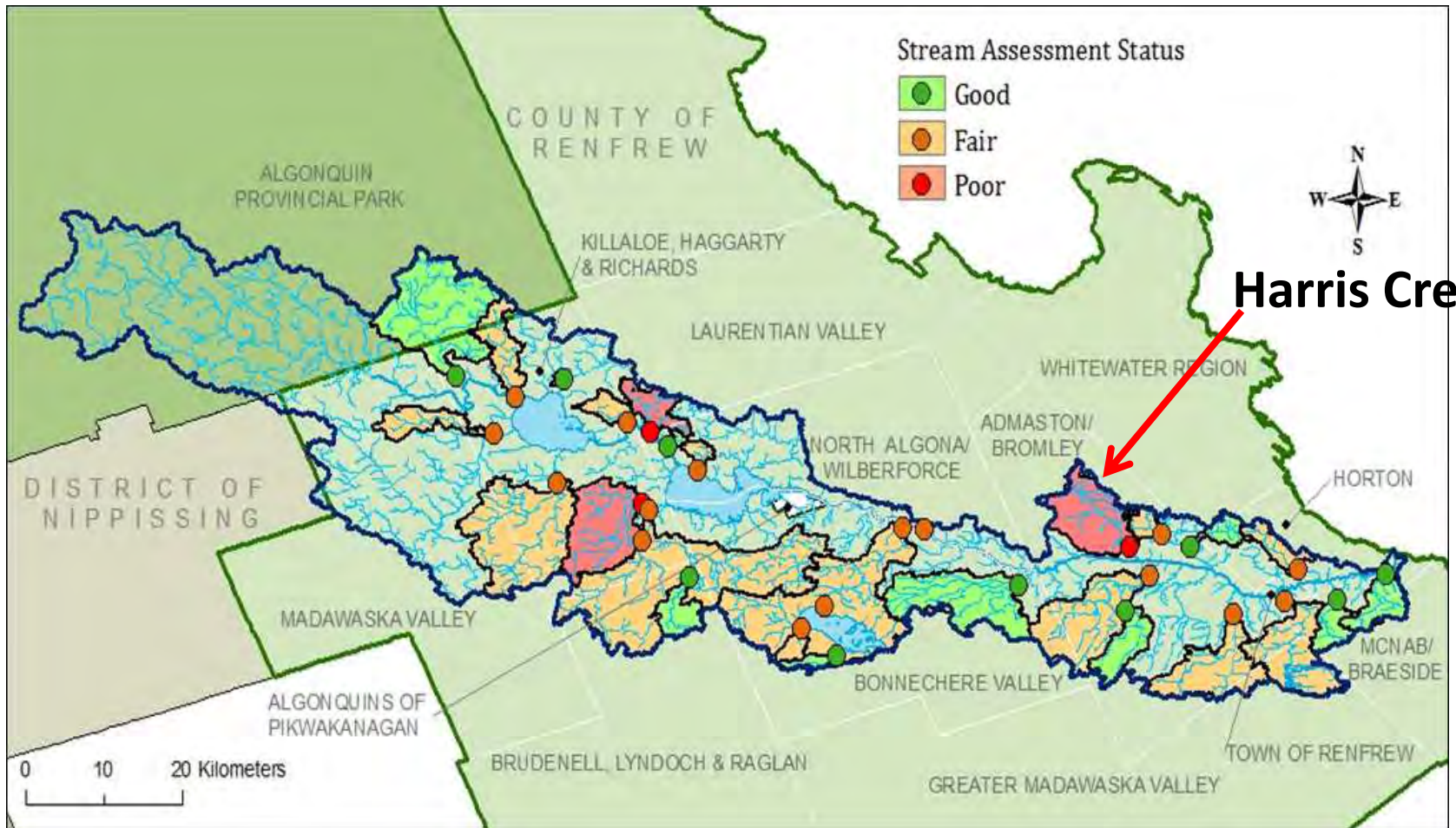
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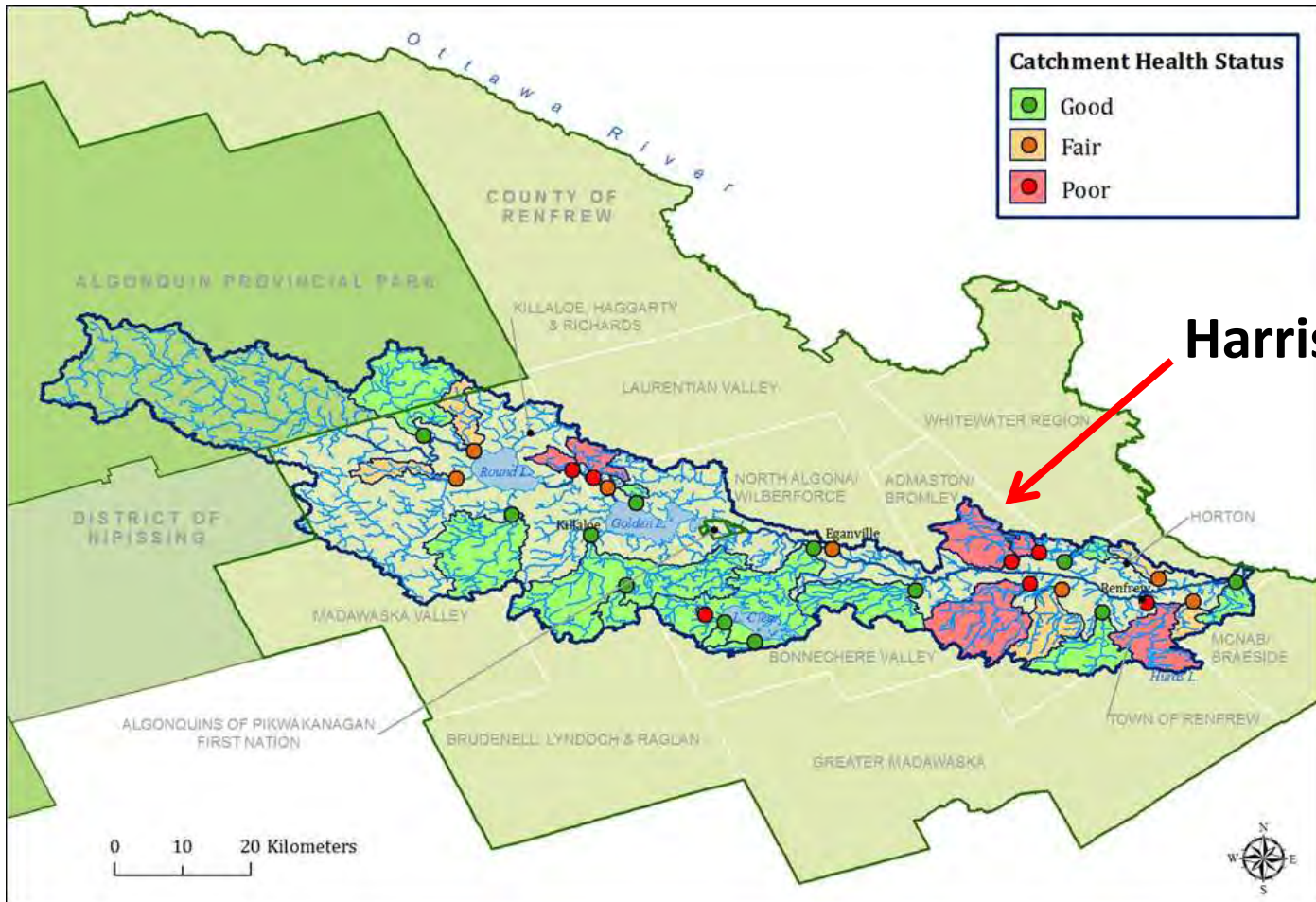
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BRWP RiverWatch 2009/10



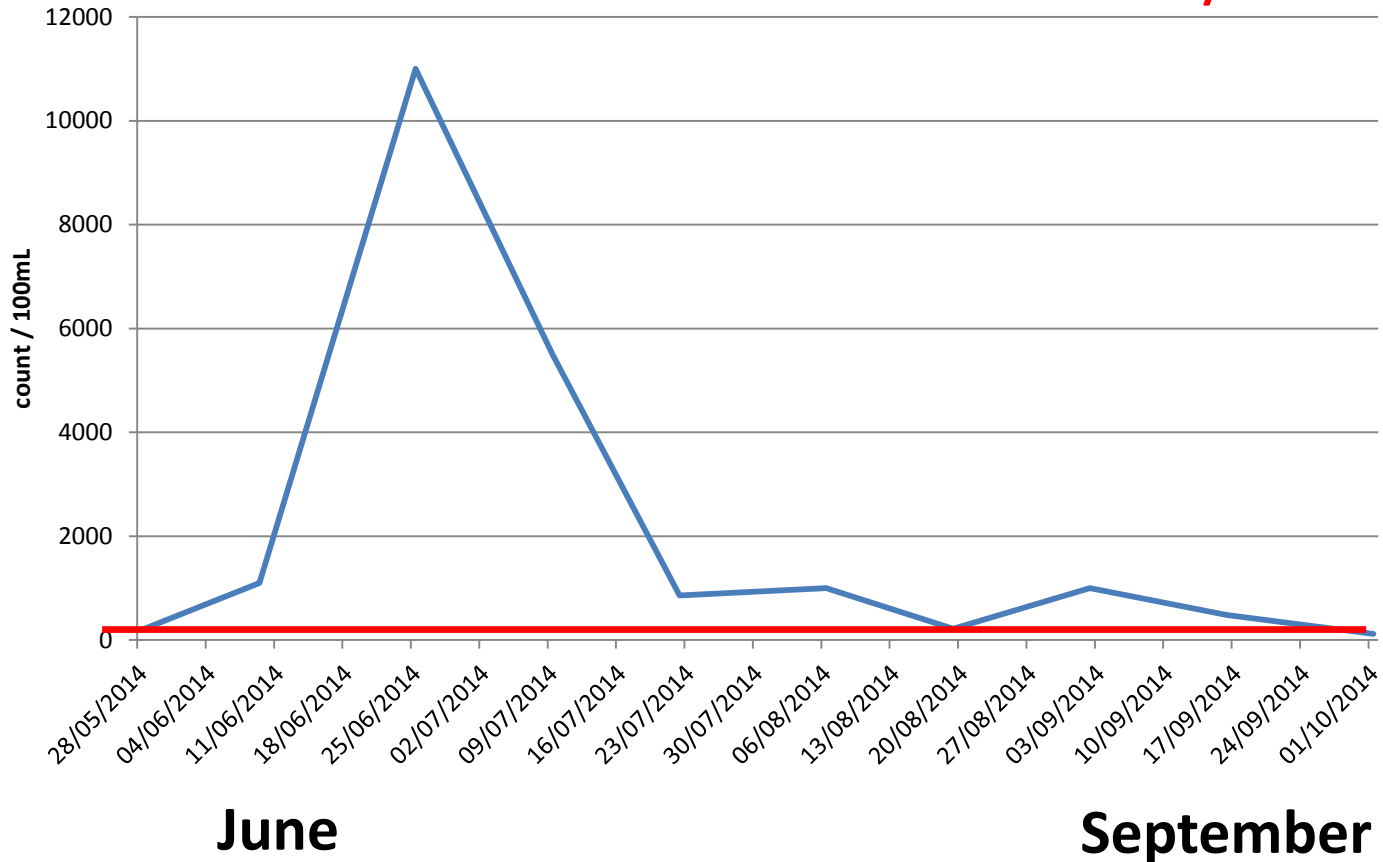
BRWP RiverWatch 2011



BRWP Harris Creek Study with MOE 2014 Fecal Contamination

E. Coli

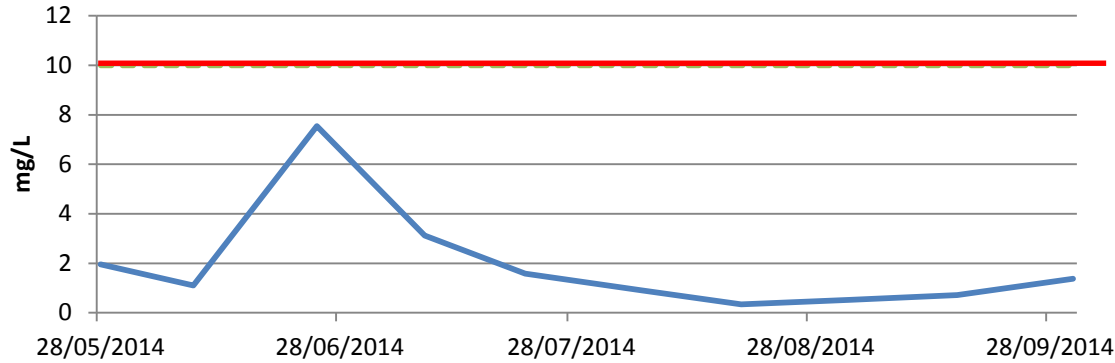
Health Threshold = 100 count/100mL



BRWP Harris Creek Study with MOE

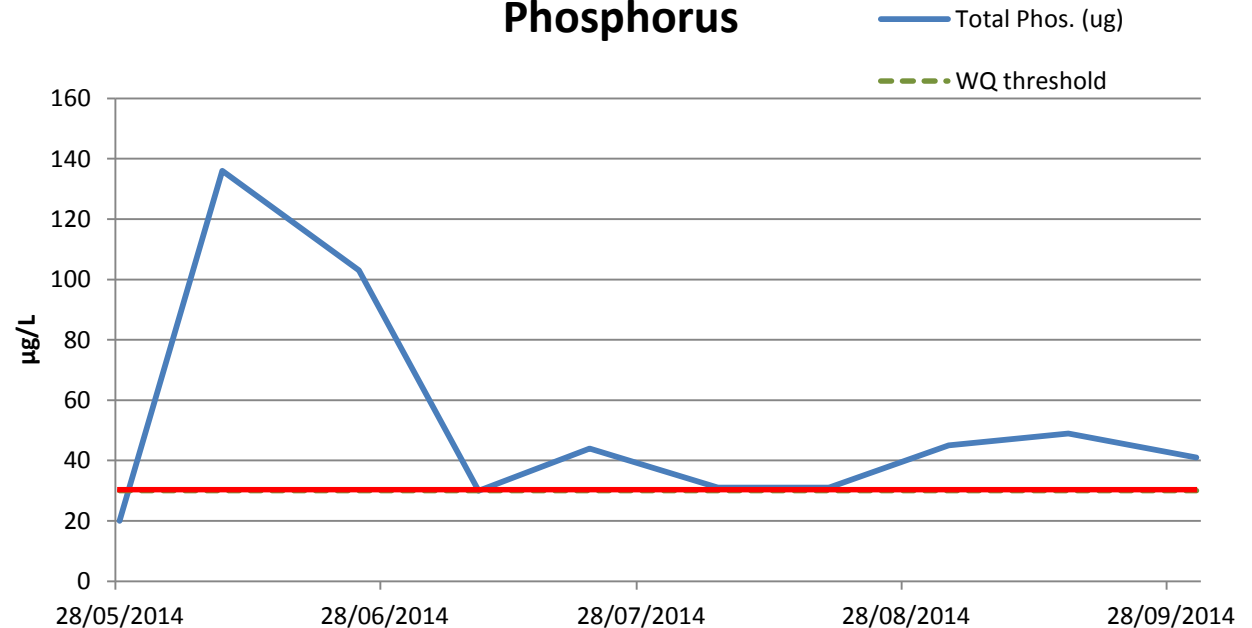
2014 Nutrients

Nitrate



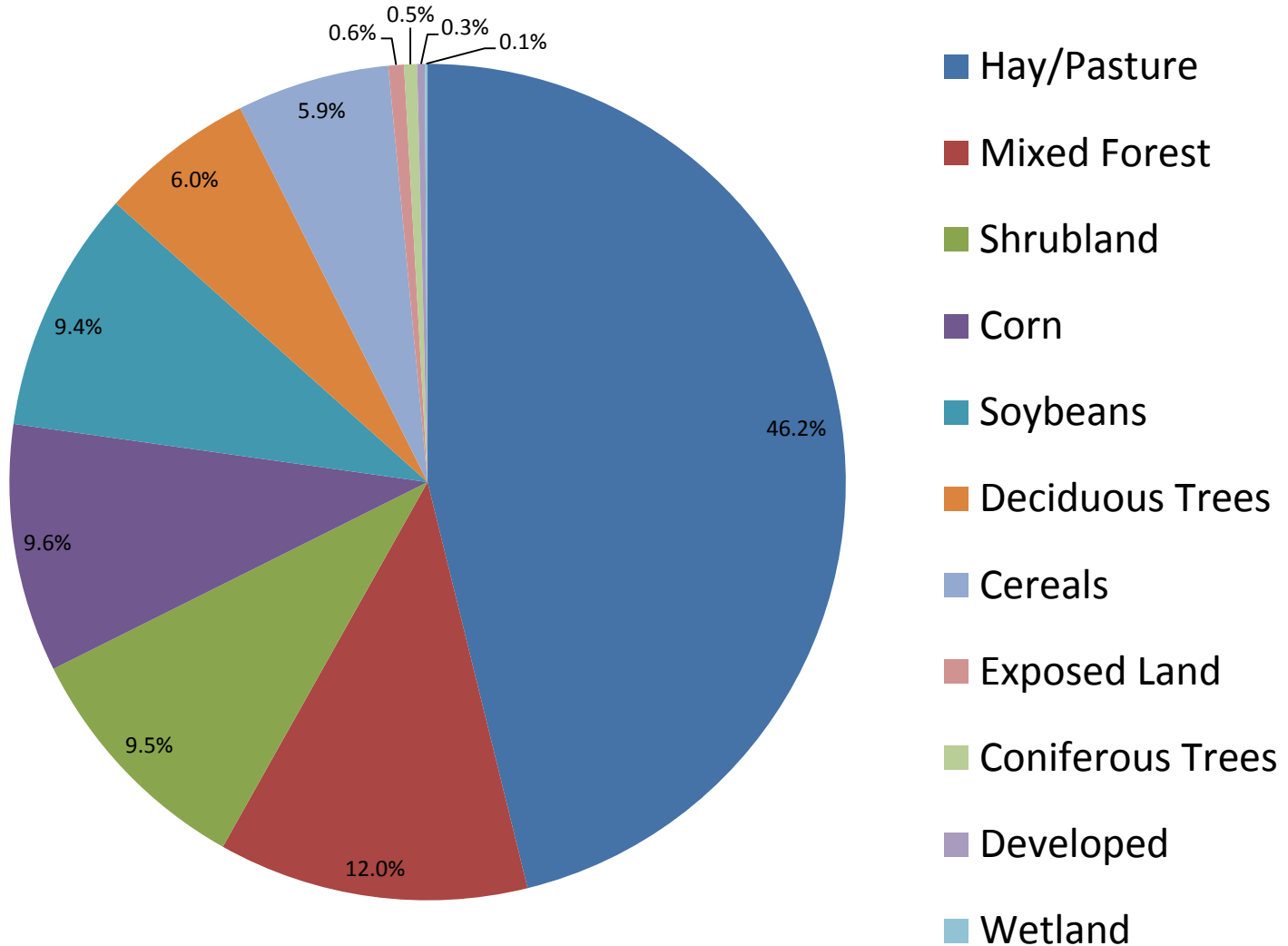
**WQ Threshold
(10 mg/L)**

Phosphorus



**WQ Threshold
30 µg/L**

Harris Creek Land Cover



Agricultural Land Use and BRW Stream Condition

- 15% - Bonnechere River watershed (outside Algonquin Park)
 - 71% - Harris Creek catchment
 - 2nd highest of 28 catchments characterized
 - Only Rodden Creek (Lake Clear) is higher at 81%
 - 2009/10 not sampled; 2011 rated Poor
- | | | | |
|-------------------|-----|-------|------------------|
| • Thompson | 40% | rated | good, good |
| • Little Halliday | 45% | rated | fair, fair |
| • Croziers | 34% | rated | fair, poor |
| • Cherry | 20% | rated | fair in 2011 |
| • Deils | 26% | rated | fair/good, fair |
| • Pettigrew | 25% | rated | fair, poor |
| • Zummach's | 24% | rated | poor |
| • Hurd's | 13% | rated | good, fair, good |
| • Caldwell's | 13% | rated | good, good, good |