



## **Grade 10 Challenge - The Nutrient Cycle**

### **APPENDIX**

#### **Helpful resource materials web links**

**5. "Earth is an Apple" Demonstration Video**

<http://www.youtube.com/watch?v=mA78nPn41F4>

**10. Manitoba Pork's YouTube Channel**

<http://www.youtube.com/mbporkfan>

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### **LESSON FOUR Articles and Links**

#### **Manitoba Pork Industry Controversies Informed Decision Making**

#### **Resource materials links for Manitoba pork industry controversies topic #1**

##### **Phosphorus run-off – Lake Winnipeg (algae blooms)**

**Are hog farms the primary source of phosphates into Lake Winnipeg causing algae blooms?**

##### **9. Hogs Blamed for Lake Woes**

<http://www.winnipegfreepress.com/local/hogs-blamed-for-lake-woes-123086573.html>

##### **10. Manitoba Chambers proud to join ‘Saving Lake Winnipeg – A Letter of Concern From the Business Community’ Campaign**

<http://www.siemenssays.com/blog/5931.html>

##### **11.State of Lake Winnipeg Report**

[http://www.gov.mb.ca/waterstewardship/water\\_quality/state\\_lk\\_winnipeg\\_report/index.html](http://www.gov.mb.ca/waterstewardship/water_quality/state_lk_winnipeg_report/index.html)

##### **12. Province continues Lake Winnipeg push**

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##### **13. Fixing Lake Winnipeg on the back of hog producers is ludicrous says Pork Council Chair**

<http://www.siemenssays.com/blog/4649.html>

##### **14. Bill 46 the “Save Lake Winnipeg” Act**

<http://web2.gov.mb.ca/bills/39-5/b046e.php>

##### **15. CBC – Save my Lake documentary**

<http://www.cbc.ca/documentaries/natureofthings/2011/savemylake/>

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### **LESSON FOUR Articles and Links**

#### **Critical Thinking about Agriculture**

#### ***Resource materials links for Manitoba pork industry controversies topic #2***

#### **Water quality and manure (watershed)**

#### **Is hog production in Manitoba harming the environment?**

#### **2. Kinder, Greener Hog Industry**

<http://www.winnipegfreepress.com/business/pork-council-sets-out-82-commitments-118154244.html>

#### **3. Cleaner Pigs**

<http://www.winnipegfreepress.com/opinion/editorials/cleaner-pigs-117044968.html>

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### **LESSON FOUR Articles and Links**

#### **Manitoba Pork Industry Controversies Informed Decision Making**

#### ***Resource materials links for Manitoba pork industry controversies topic #3***

**Manure management and the environment (greenhouse gases, composting and odour)**

#### **Do hog farms have a future in a healthy environment?**

**10. Manitoba Clean Environment commission Hog Production Industry Review**

<http://www.cecmanitoba.ca/hearings/index.cfm?hearingid=22>

**11. Farmers Edge Laboratories information**

<http://www.farmersedge.ca/farmers-edge-laboratories>

**12. HyLife environmentally sustainable management**

<http://www.hylife.com/environment.php>

**13. Puratone environmental stewardship**

<http://www.puratone.com/envirostew.html>

**14. Manitoba Pork Council Environmental Stewardship**

[http://manitobapork.com/environmental\\_performance.aspx](http://manitobapork.com/environmental_performance.aspx)

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### **LESSON FOUR Articles and Links**

#### **Manitoba Pork Industry Controversies Informed Decision Making**

#### ***Resource materials links for Manitoba pork industry controversies topic #4***

##### **10. Canadian Fertilizer Institute Submission to Manitoba Bill 46**

[www.cfi.ca/\\_documents/CFISubmissiontoManitobaBill46\\_june2011.pdf](http://www.cfi.ca/_documents/CFISubmissiontoManitobaBill46_june2011.pdf)

##### **11. Choosing a Soil Amendment (compares organic fertilizers, manure, and compost)**

<http://www.ext.colostate.edu/pubs/garden/07235.html>