

HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD



**AGENDA**

**MEETING DATE:** Thursday, August 7, 2014

**TIME:** 7:00 p.m.

**LOCATION:** Schomberg Fire Hall  
81 Proctor Drive  
Schomberg ON

		<i>Action by:</i>
1.	<b><u>Call to Order</u></b>  "That this meeting of the Holland Marsh Drainage System Joint Municipal Services Board come to order at _____ p.m."	<i>Dan Sopuch</i>
2.	<b><u>Declaration of Pecuniary Interest</u></b>  Chairman Sopuch to remind Members of the Board of the Municipal Conflict of Interest legislation and requirements thereunder.	<i>Dan Sopuch</i>
3.	<b><u>Approval of Agenda / Changes</u></b>	<i>Dan Sopuch</i>
3.1	"That the Board approve the Agenda dated Thursday, August 7, 2014, as printed and circulated."  Pgs 1 – 2	
4.	<b><u>Adoption of Board Minutes</u></b>	<i>Dan Sopuch</i>
4.1	"That the Minutes of the Holland Marsh Drainage System Joint Municipal Services Board meeting held Thursday, May 22, 2014, be approved, as printed and circulated."  Pgs 3 – 10	
5.	<b><u>Comments by the Chairman</u></b>	<i>Dan Sopuch</i>
6.	<b><u>Presentations / Deputations</u></b>	<i>Dan Sopuch</i>
6.1	<b><u>Proposed West Holland River Buffer/Bank Stabilization Project</u></b>  "That the presentation titled "West Holland River Buffer/Bank Stabilization Project" provided by the Drainage Investment Group, be received, for information."  Pgs 11 – 13	<i>Brett Ruck (DIG)</i>
7.	<b><u>Correspondence / Reports</u></b>	

**HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD**

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<b>7.1</b>	<b>Financial Update</b>  "That the Financial Update dated as at July 21, 2014, be received, for information."  Pgs 14 – 15	<i>Nathalie Carrier</i>
<b>7.2</b>	<b>Drainage Superintendent Report</b>  "That the Drainage Superintendent Report dated July 31, 2014 be approved as printed and circulated."  Pgs 16 – 22	<i>Frank Jonkman</i>
<b>8.</b>	<b><u>New Business</u></b>	
<b>9.</b>	<b><u>Future Meeting Schedule</u></b>	
<b>9.1</b>	"The next meeting of the Holland Marsh Drainage System Joint Municipal Services Board be scheduled for: Thursday _____ at _____ at the _____ Ontario	<i>Dan Sopuch</i>
<b>10.</b>	<b><u>Adjournment</u></b>	
<b>10.1</b>	"That this meeting of the Holland Marsh Drainage System Joint Municipal Services Board adjourn at _____ p.m."	<i>Dan Sopuch</i>

# HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD

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## **MINUTES**

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**MEETING DATE:** Thursday, May 22, 2014

**TIME:** 7:00 p.m.

**LOCATION:** Schomberg Fire Hall  
91 Proctor Road, Schomberg, Ontario

ATTENDANCE RECORD:

MEMBERS PRESENT: Dan Sopuch, Chairman  
William Eek, Vice Chairman  
Gary Lamb, Ward 3 Councilor - BWG  
Cleve Mortelliti, Ward 1 Councilor – TOK  
Jim Verkaik, Member-at-large

REGRETS: Doug White, Mayor – BWG  
Steve Pellegrini, Mayor – TOK  
Brian Visser, Appointee  
George Hoving, Appointee

STAFF PRESENT: Frank Jonkman, Drainage Superintendent  
Sarah Murray, Secretary  
Michael Brinkos, Assistant to the Dr. Supt.

REGRETS: Nathalie Carrier, Deputy Treasurer – BWG  
Sue Bragg, Gaviller & Associates LLP  
Allen EveyIn, Treasurer – TOK

OTHERS:

# HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD

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1.	<b><u>Call to Order</u></b>	<i>Dan Sopuch</i>
1.1	<b>HM-2014-010</b> Moved by: G. Lamb Seconded by: B. Eek  "That this meeting of the Holland Marsh Drainage System Joint Municipal Services Board come to order at 7:09 p.m." CARRIED.	
2.	<b><u>Declaration of Pecuniary Interest</u></b>	<i>Dan Sopuch</i>
2.1	Chairman Sopuch reminded Members of the Board of the Municipal Conflict of Interest legislation and requirements thereunder at which point, the Chairman declared he may have a conflict with regards to the Wanda Drain Report, Item 7.3 as he owns property within the watershed and is so named in the report.	
3.	<b><u>Approval of Agenda / Changes</u></b>	<i>Dan Sopuch</i>
	Chairman Sopuch asked if there were any errors or omissions to the Agenda and there were none.	
3.1	<b>HM-2014-011</b> Moved by: C. Mortelliti Seconded by: B. Eek  "That the Board approve the Agenda, dated Thursday, May 22, 2014, as printed and circulated." CARRIED.	
4.	<b><u>Adoption of Board Minutes</u></b>	<i>Dan Sopuch</i>
4.1	Chairman Sopuch asked if there were any errors or omissions to the Minutes and there were none.  <b>HM-2011-012</b> Moved by: J. Verkaik Seconded by: G> Lamb  "That the Minutes of the Holland Marsh Drainage System Joint Municipal Services Board meeting held on Thursday, February 27, 2014, be approved, as printed and circulated." CARRIED.	
5.	<b><u>Comments by the Chairman</u></b>	<i>Dan Sopuch</i>
	Chairman Sopuch welcomed everyone to the first meeting of the HMDSJMSB for 2014 and extended good wishes to those	

campaigning in the municipal election of 2014.

6. **Deputations/Presentations**

*Dan Sopuch*

Chairman Sopuch welcomed Sue Bragg of Gaviller & Co. LLP to the meeting to present the Board with its draft 2013 Financial Statements. The Chairman also introduced BWG Deputy Treasurer Nathalie Carrier and TOK Treasurer, Allen Evelyn to the meeting.

7. **Correspondence / Reports**

7.1 **2013 Financial Statements**

Sue began by highlighting some of the Notes of the draft Statements however there wasn't anything of significance to be concerned about.

Excluding the Canal Improvement Project, 2013 resulted in a variance of approximately \$100,000 however this was comprised of the flood/emergency works for the Horlings drain repair and amortization budgeting which are both valid expense categories.

Clarification on the financing of the Horlings Emergency Repairs work. Once the appeals process is complete, the recovery of funds is a timely process, to take place likely in Spring of 2015.

It was confirmed that while the Canal Improvement Project is a capital project, it will not be amortized in future years in accordance with PSAB rulings. A decision was made during 2009 when the Town was implementing its PSAB requirement to value all tangible capital assets since municipal drains are jointly contributed to financially by all stakeholders.

The idea to treat each piece of municipal drain infrastructure as such would have meant incredible work at the outset to determine these values and amortize going forward when this infrastructure is essentially financed by the municipality/Board but funded by the benefiting watershed.

Going forward and into the long term, maintenance of the HMDS is expected and planned for. The intent is to avoid another costly capital project which would be necessary if this system is not proactively maintained.

The MIII funding provided by the Province for this project is applied pro rata to eligible stakeholder assessments. The project is estimated to encounter a marginal overrun which the MIII will not be available to fund since this grant money is finite.

There were no other points discussed at length from the Financial

Statement perspective and accordingly, the following resolution was read:

**HM-2014-013**

Moved by: J. Verkaik

Seconded by: G. Lamb

“That the 2013 financial statements, prepared by Gaviller & Co, CA LLP, be received, for information;

And that the 2013 financial statements be approved, as printed and circulated.”

CARRIED.

At approximately 7:55 p.m. Sue Bragg and Nathalie Carrier vacated the meeting.

**7.2**

**Report of the Drainage Superintendent**

*Frank Jonkman*

The following points were discussed at length:

- 1) The LSRCA's working committee on dyke elevations along the Holland River is planning on hosting a public meeting for riparian owners along the Holland River. A date will be set shortly.
- 2) During this spring freshet, the main drain/Holland River has been an issue. This past winter was remarkably cold, and caused the river to freeze in its entirety. The slow thaw that followed combined with the thickness of the ice caused a lot of congestion at the pumphouse; drawing little water resulting in several ice jams.
- 3) The Horlings Emergency Repairs and drainage system in general continues to be unstable, requiring active observation of its conditions. This is likely to be an ongoing issue over the summer and into the fall.
- 4) There is a drone flying over the west portion of the Holland River to document the condition of the drain for future comparison purposes.
- 5) The Morris Rd preliminary report is still being prepared however; there has been a lot of discussion on its impact on the Town's South East Arterial Road (SEAR) plans and vice versa.
- 6) Questions arose regarding the timelines for the downloading of Canal Road (County Road 8) to the Town of BWG as well as the downloading of Simcoe Road. The Simcoe Road bridge will remain with the County however,

it stands to reason, geographically-speaking, that the County of Simcoe look at downloading the bridge as well.

- 7) In relation to the CIP, irrigation line markers have been requested by landowners to avoid damage to the lines and also to mitigate potential bodily injury and/or property damages going forward.
- 8) A general consensus needs to be determined for the condition of the newly constructed berm around the perimeter canal system. As well, unlawful parking seems to be an issue along the berm.
- 9) Discussions around the timelines of pulverization and road surface work to take place by the respective municipal roads departments. The timelines are loose at present. More detail to be shared upon availability.
- 10) The area at Kettleby Creek required a full cleanout only 18 months after its reconstruction. This is a result of the tributary upstream, bringing with it sediment. Despite there being a deep pool at this location, the area is subject to over-sedimentation at an accelerated rate.

**HM-2014-014**

Moved by: B. Eek

Seconded by: C. Mortelliti

“That the Drainage Superintendent report HMDSJMSB-2014-002, dated May 15, 2014, be approved, as printed and circulated.”

CARRIED.

**7.3**

**Wanda Drain Report**

In order for landowners on the Wanda, Scotch and Saczowski Drains to benefit from the Ministry's 33.3% grant on drainage projects, the engineer needs to be appointed to complete a combined section 76 and section 78 report, together which enable the improvements to be undertaken and therefore the costs are grantable. This is the case for all reports received this evening.

Accordingly, the Board has been provided the authority to undertake all drainage related activities within the geographic boundaries of each municipality, pursuant to its governance agreement jointly adopted by bylaw 2007-090 by both municipalities.

In addition to this discussion, the issue of pecuniary interest was also addressed as the Chairman declared a potential on his part for the matter of the Wanda Drain report.

The issue related to quorum since there were 5 members in attendance (min requirement) and if reasonable conflict of interest was present, surrounding the matter. If the Chair left the discussion, would the board still have quorum. Does he in fact have a conflict in this matter considering how the larger project was handled with at least 5 members being named in that report/schedule.

Out of precaution, the Chair vacated his seat and Bill Eek, as Vice Chairman assumed the Chairman's position for this related matters.

**HM-2014-015**

Moved by: G. Lamb

Seconded by: J. Verkaik

"That the Board instruct the Engineer to prepare one report for both the Section 76 and Section 78 appointments that were made at the November 1, 2012 and February 28, 2013 meetings respectively, for grant eligibility purposes;

And that the Wanda Drain report dated May 2, 2014 and filed with the Board the same date, be received, for information;

And further that it be recommended to BWG Council that the report be adopted by bylaw."

CARRIED.

7.5

**Saczowski Drain Report**

This report is similar in purpose as the previous two drain reports received however; this drain also incorporates a petition by a landowner to adopt an additional branch to the municipal drain resulting in three components for an appointment to be made for the Saczowski Drain report.

**HM-2014-016**

Moved by: B. Eek

Seconded by: G. Lamb

"That the Board instruct the Engineer to prepare one report for both the Section 76 and Section 78 appointments that were made at the November 1, 2012 and February 28, 2013 meetings respectively, and the petition by Anthony Moro in accordance with Section 40 f the Drainage Act also made at the February 28, 2013 meeting, for grant eligibility purposes;

And that the Saczowski Drain report dated May 2, 2014 and with the Board the same date, be received, for information;



And further that it be recommended to BWG Council that the report be adopted by bylaw.”  
CARRIED.

At this point, Mr. Sopuch resumed his role as Chair.

**7.4 Scotch Drain Report**

**HM-2014-017**

Moved by: J. Verkaik

Seconded by: C. Mortelliti

“That the Board instruct the Engineer to prepare one report for both the Section 76 and Section 78 appointments that were made at the November 1, 2012 and February 28, 2013 meetings respectively, for grant eligibility purposes;

And that the Scotch Drain report dated May 2, 2014 and filed with the Board the same date, be received, for information;

And further that it be recommended to BWG Council that the report be adopted by bylaw.”  
CARRIED.

**8.1 LSRCA/LSCF Gala Event**

The Lake Simcoe Conservation Foundation’s annual fundraising event is upon us. The Board has purchased a table of 10 for board members and staff to attend. The event is set for Wednesday, June 11, 2014 at 6pm at Carrying Place in King Township.

Interested members were advised to contact Sarah Murray should anyone wish to obtain tickets. Distribution is a first come first served basis so it is best to advise as soon as possible.

The Board is also continuing its practice of donating an item for the Foundation to auction off, raising funds to support a healthy Lake Simcoe Watershed.

This year the Board’s donation consisted of 2 double passes for 18 holes of golf including cart at any of Cardinal Golf Club’s three courses as well as a sizeable gift card for use at the Pro Shop or for food/beverage in the Bistro.

**9. Future Meeting Schedule**

**HM-2011-018**

Moved by: C. Mortelliti

Seconded by: J. Verkaik

*Dan Sopuch*

**HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD**

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“That the next meeting of the HMDSJMSB be scheduled for Thursday, August 7, 2014 at 7:00 p.m., at a location to be determined.”

CARRIED.

**10.**

**Adjournment**

*Dan Sopuch*

**10.1**

**HM-2011-019**

Moved by: G. Lamb

Seconded by: B. Eek

“That this meeting of the Holland Marsh Drainage System Joint Municipal Services Board adjourn at 9:15 p.m.”

CARRIED.

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Sarah Murray, Secretary

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Dan Sopuch, Chairman



  
DRAINAGE INVESTMENT GROUP

**WEST HOLLAND RIVER  
BUFFER/BANK STABILIZATION  
PROJECT**

Bradford West Gwillimbury  
April 2014

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 **Overview**

- ▀ *DIG Information*
- ▀ *Project Information*
  - ▀ *Background*
  - ▀ *How this is Achieved*
- ▀ *Funding Opportunities*
- ▀ *Deliverables*
- ▀ *Questions*



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 **DIG Information**

Drainage Investment Group (DIG) is a Provincial Not for Profit Corporation that secures funding through various public and private partnerships.

Our Board of Directors cover many areas of expertise with experience between 10-40 years in the industry.

These include:

- Agronomist;
- Farmer;
- Drainage Engineer;
- Limnologist;
- PhD Education specialist;
- Conservation Ontario; and
- Drainage Superintendents Association of Ontario.



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## Project Information


**Holland Marsh Buffer and Bank Stabilization Project**

Location: West of Highway 400 along the West Holland River

Length: 6.3 kms of trial work area.

Initial Project Goals:

- Stabilize the banks of the West Holland River
- Investigate opportunities for reduction of nutrients
- Create a 2.5 to 3 metre buffer along the length of the project
- Increase the river depth to allow the existing tiles to drain, and provide for irrigation
- Perform work in accordance with the Ontario Drainage Act



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## West Holland River



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## How this is Achieved

- Develop Partnerships with agencies and groups that can assist with this project
- Acquire funding to assist or offset the costs of this project
- Discuss and partner with the landowners directly impacted



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## Funding Opportunities

**Current Funding Applications - Approved**

**Ministry of Agriculture, Food and Rural Affairs (OMAFRA) (\$150,000)**

- Engineering Report
- Construction
- Administration


**Lake Simcoe Georgian Bay Cleanup Fund (LSGBCUF) (\$75,000)**

- Engineering
- Education and Outreach
- Administration

**Recreational Fisheries Contribution Partnership Program (RFCPP) (\$77,000)**

- Engineering
- Construction
- Administration

Other funding sources applied for in 2013/2014 have been unsuccessful. Continued application for sources of funding is ongoing for the future works on this project, pending approvals.



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## Deliverables

Must have completed the following for the funding:

- 3 kms of bank stabilization – 2 sides
- Buffers must be created along both sides of the project area
- An Engineering Report identifying the trial works
- Communication to the landowner's of this project and the importance of buffers and nutrient reduction in watercourses

Funding is to allow for environmental enhancements to Municipal Drains,

- improved water quality,
- enhanced water management
- Soil and erosion enhancements
- Habitat features installed



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## Questions

Thank You

**Contact Information:**

Drainage Investment Group (DIG)  
Niagara Falls, ON, L2E 2K9  
Tel: 1-289-296-0700 Fax: 1-905-353-9524  
Email: [DIG@coqeco.ca](mailto:DIG@coqeco.ca) Website: [www.DIGCorp.ca](http://www.DIGCorp.ca)

Brett Ruck, Executive Director  
Cell: 1-905-321-9963



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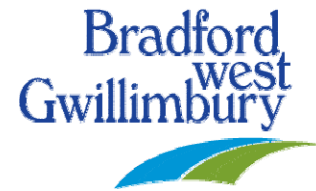
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**HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICE BOARD**  
**2014 Budget by Program/Activity**  
**as at July 21, 2014**

	2014 Actual	2014 Budget	Variance 2014 Budget / 2014 Actual \$
<b>HMDSJMSB BOARD</b>			
Surplus / (Deficit)	2,127	-	(2,127)
Cost recovered	(165,000)	(165,000)	-
Full time wages	33,225	60,550	27,325
Board Remuneration / PT wages	1,300	12,000	10,700
Benefits	8,711	16,740	8,029
Material & Supplies	40,128	75,710	35,582
<b>Net Cost (Contribution)</b>	<b>(79,508)</b>	<b>-</b>	<b>79,508</b>
<b>DRAINAGE SUPERINTENDENT</b>			
Surplus / (Deficit)	-	-	-
Cost recovered	-	(69,470)	(69,470)
Grants	-	(69,480)	(69,480)
Wages & Benefits	68,709	128,100	59,391
Material & Supplies	5,878	10,850	4,972
<b>Net Cost (Contribution)</b>	<b>74,587</b>	<b>-</b>	<b>(74,587)</b>
<b>HOLLAND MARSH DRAINAGE SYSTEM</b>			
Surplus / (Deficit)	(1,133,310)	-	1,133,310
Levies - (BWG & King)	(179,595)	(192,470)	(12,875)
Levies - (MTO & County)	-	(7,470)	(7,470)
Grants	-	(37,440)	(37,440)
Perimeter Canal Maintenance	17,816	58,800	40,984
Main Drain Maintenance	22,708	10,000	(12,708)
Pumping Station Operation	55,236	59,620	4,384
Equipment Operations	4,918	21,420	16,502
<b>Net Cost (Contribution)</b>	<b>(1,212,227)</b>	<b>(87,540)</b>	<b>1,124,687</b>
<b>BWG Small Scheme</b>			
Prior years surplus/deficit	(5,706)	-	5,706
BWG Levies	(10,981)	(8,850)	2,131
Grants	-	(3,640)	(3,640)
Repair & Maintenance	1,956	15,610	13,654
<b>Net Cost (Contribution)</b>	<b>(14,731)</b>	<b>3,120</b>	<b>17,851</b>
<b>BWG Drains</b>			
Prior years surplus/deficit	(1,945)	-	1,945
BWG Levies	(8,100)	(10,670)	(2,570)
Grants	-	(5,330)	(5,330)
Repair & Maintenance	700	16,000	15,300
Studies	2,314	-	(2,314)
<b>Net Cost (Contribution)</b>	<b>(7,032)</b>	<b>-</b>	<b>7,032</b>

**HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICE BOARD**  
**2014 Budget by Program/Activity**  
**as at July 21, 2014**

	2014 Actual	2014 Budget	Variance 2014 Budget / 2014 Actual \$
<b>King Drains</b>			
Prior years surplus/deficit	-	-	-
King Levies	-	(45,655)	(45,655)
Grants	-	(22,815)	(22,815)
Repair & Maintenance	5,520	68,470	62,950
<b>Net Cost (Contribution)</b>	<b>5,520</b>	<b>-</b>	<b>(5,520)</b>
<b>CAPITAL PROJECTS</b>			
Other revenues	(60,731)	(1,996,870)	(1,936,139)
Canal Reconstruction - Construction	503,300	1,531,870	1,028,570
Morris Road	19,427	40,000	20,573
Horling Drain	185,907	400,000	214,093
Maintenance Equipment	-	25,000	25,000
<b>Net Cost (Contribution)</b>	<b>647,967</b>	<b>-</b>	<b>(647,967)</b>
<b>(SURPLUS) / DEFICIT</b>			<b>501,004</b>



## REPORT OF THE HOLLAND MARSH DRAINAGE SYSTEM JOINT MUNICIPAL SERVICES BOARD

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**REPORT #:** HMDSJMSB-2014-03  
**DATE:** 31-07-14  
**SUBJECT:** Drainage Superintendent Report  
**SUBMITTED BY:** Frank Jonkman

### Drainage Superintendent Activities

1. Main Drain
  - a. River levels are being maintained to summer levels.
  - b. Extensive survey and soundings have been taken through the river.
    - i. Several areas are in need of substantial work (see attached maps).
    - ii. Sediments are too deep to effectively remove material with dredger, and an alternate approach will be required to maintain the river.
    - iii. There is no designated area in order to facilitate the work.
  - c. Spot clean-outs have been undertaken with the use of excavators from the banks, as and where needed.
2. Holland River Municipal Drain Project
  - a. Project was successful in receiving funding from all agencies (LSGBCUF, DFO and OMAF).
3. Art Janse Pumphouse
  - a. Replacement 'trash rack' currently being manufactured, with installation expected during the next several weeks.
4. Bardawill Pumphouse
  - a. Replacement pump has been delivered to the supplier, currently coordinating the delivery and installation.
5. Charlie Davis Pumphouse
  - a. The pumphouse will be de-commissioned once the Bardawill Pumphouse work has been completed.
6. Small Scheme / Morris Road Drain
  - a. Ongoing meetings with BWG Engineering, the consulting engineer and the LSRCA to discuss the preliminary report and the proposed construction of the South East Arterial Road and the required coordination between the two projects.
  - b. Draft report to be submitted by September 2014 for review.



7. LSRCA
  - a. Landowner meeting held 23-06-14, with LSRCA staff presenting the terms of reference for the potential dyke improvements.
8. BWG / TOK Small Drains
  - a. Spot clean-outs required on numerous drains, ongoing.
  - b. Two culverts (road crossings) replaced on the Saczowski Drain, one (farm crossing) removed to be replaced at a future date.
  - c. Three culverts (farm crossings) removed on the Scotch Drain, to be replaced at a future date.
  - d. One culvert (farm crossing) removed on the Wanda Street Drain, to be replaced at a future date.
  - e. As part of the work included on the Dufferin Street bridge replacement, the road crossing at Dufferin Street is being replaced within the Road Allowance. It is recommended that the remaining length of culvert be replaced at the same time as the condition of the existing culvert is relatively poor and is believed to be at least twenty-five years old.
  - f. One culvert (farm crossing) on Drain 8 is scheduled to be replaced.
  - g. Several culverts (farm crossings) on Drain 5E to be replaced once a final assessment has been completed.
9. Horlings Drain
  - a. Repairs authorized under the 'Emergency Repair' have been completed.
  - b. Ongoing monitoring.
  - c. Ongoing repair.
  - d. Continued 'Communication' meetings are being held with the landowners.
  - e. Final draft report submitted for review.
10. General
  - a. Interval 11
    - i. Cross sections and soundings to be taken at Station 5+600 to determine the amount of material to be removed.
    - ii. Area will be scheduled for dredging as part of maintenance.
  - b. Interval 15
    - i. Excavated material placed along canal edge to stabilize and will be spread across the maintenance corridor.
    - ii. Recent profiling indicates that sediment continues to impact the canal, despite having been cleaned to 215.0 ASL and new soundings show that the level is now at 216.84 ASL.
    - iii. Further soundings will be required in this area.
  - c. Weed harvester
    - i. Waiting for completion of hydraulics, testing anticipated for fall of 2014.
  - d. Sonar unit
    - i. Sonar equipment has been purchased to provide soundings through the HMDS.
  - e. Parking along Canal Road
    - i. The section of the drain commonly referred to as the 'backfilled canal' is damaged by vehicular traffic.
    - ii. Other items that should be of concern are the irrigation and drain lines. Care should be taken that these are not damaged as well.
    - iii. Bradford By-Law 94-047, ss 6.8 Private Property will address this issue.
    - iv. Signs should be posted at frequent intervals.
    - v. The HMDSJMSB will formally request for BWG Enforcement to enforce By-Law 94-047 or any amended by-law.

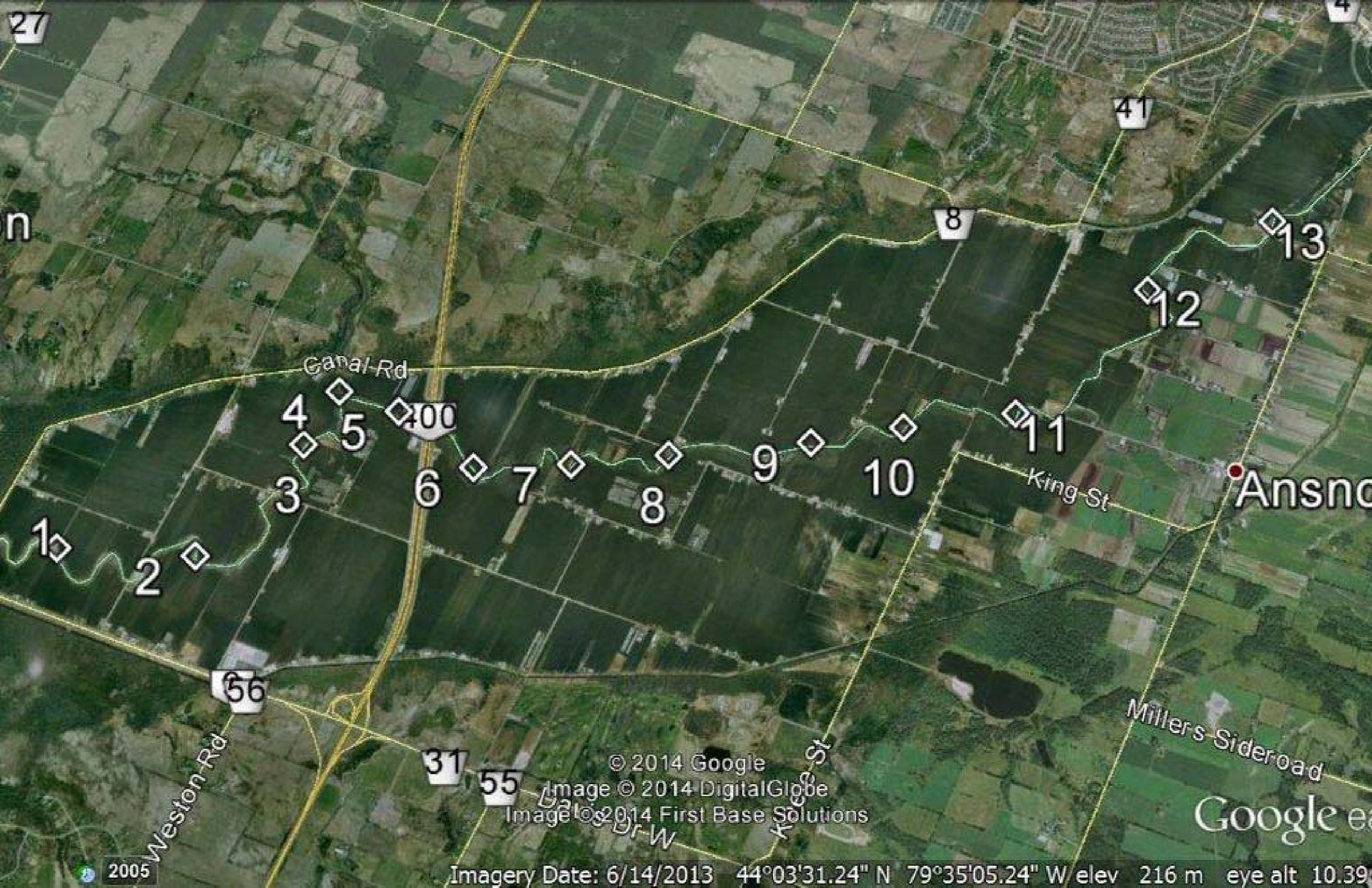
## **Project Management Activities**

1. Project
  - a. Interval 1
    - i. Final grading complete.
    - ii. Topsoil complete to S11+800 ±.
    - iii. Tree planting by South Simcoe Stream completed to approximately S12+400.
  - b. Interval 2
    - i. Final grading complete.
    - ii. Topsoil placement remaining.
  - c. Interval 3
    - i. Final complete.
    - ii. Topsoil placement remaining.
  - d. Interval 4
    - i. Area complete.
  - e. Interval 5
    - i. Area complete.
  - f. Interval 6
    - i. Sub-surface road drainage partially complete.
    - ii. Topsoil placement remaining.
  - g. Interval 7
    - i. Interval 7 will require Canal Road to be raised in several locations.
    - ii. Geotechnical work has been completed for the road sub-grade.
    - iii. A recommendation will be made to address issues with shoulder 'rolling' in this area.
  - h. Interval 8
    - i. DFO authorization has been issued.
    - ii. Dredging has started, project a three month completion.
  - i. Interval 9
    - i. No further work in this area until Interval 8 has been dredged.
  - j. Interval 10
    - i. Elevation of dyke remains to be raised along Dufferin Street.
    - ii. This will be delayed until the bridge construction is completed.
  - k. Interval 11
    - i. Complete.
    - ii. Two areas outside of the canal require a small berm and drainage swale to be constructed.
  - l. Interval 12
    - i. Final grading and swale construction to be scheduled.
  - m. Interval 13
    - i. Berm reconstruction ongoing.
  - n. Interval 14
    - i. Dyke elevations to be raised in several locations.
  - o. Interval 15
    - i. Complete.
  - p. Interval 16
    - i. Drawings for sub-surface road drainage to be submitted for review.
    - ii. Topsoil placement delayed until sub-surface drainage completed.
    - iii. Further discussion required with TOK regarding the relocation of the berm to allow sufficient area for road improvements
  - q. Interval 17
    - i. Drawings for sub-surface road drainage to be submitted for review.
    - ii. Topsoil placement delayed until sub-surface drainage completed.
    - iii. Further discussion required with TOK regarding the relocation of the berm to allow sufficient area for road improvements
  - r. Interval 18

- i. Continued monitoring ongoing.
  - ii. Area may require additional dredging this calendar year.
- 2. KSAL
  - a. Project meeting held 15-07-14, no Minutes available.
- 3. MNAL
  - a. No current update.
- 4. Riverstone / Fish Shocking / ESA
  - a. Annual monitoring report submitted.
- 5. Utilities
  - a. No current issues.
- 6. King Township Bridges
  - a. Dufferin Street Bridge construction ongoing.
- 7. BWG Bridges
  - a. Simcoe Road Bridge to be replaced 2018.
- 8. MTO
  - a. General arrangement drawings for the MTO crossing over the South Canal not yet submitted.
  - b. The Project environmental consultant will obtain all of the required fisheries permits for the canal realignment and bridge construction.
  - c. KSAL to prepare a report summary to address assessment concerns.
- 9. General
  - a. Policy and Procedure
    - i. Ongoing.

#### Attachments

- 1. River, areas of concern.



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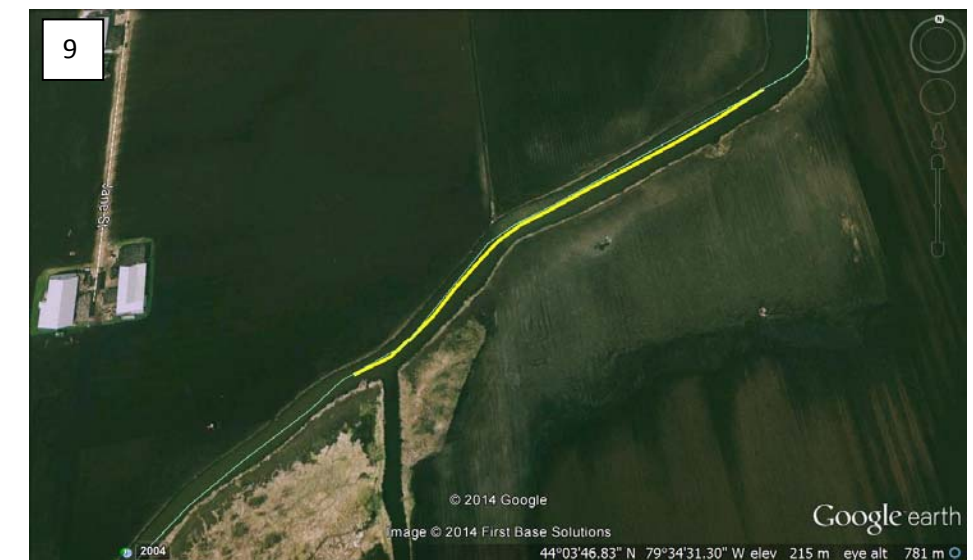
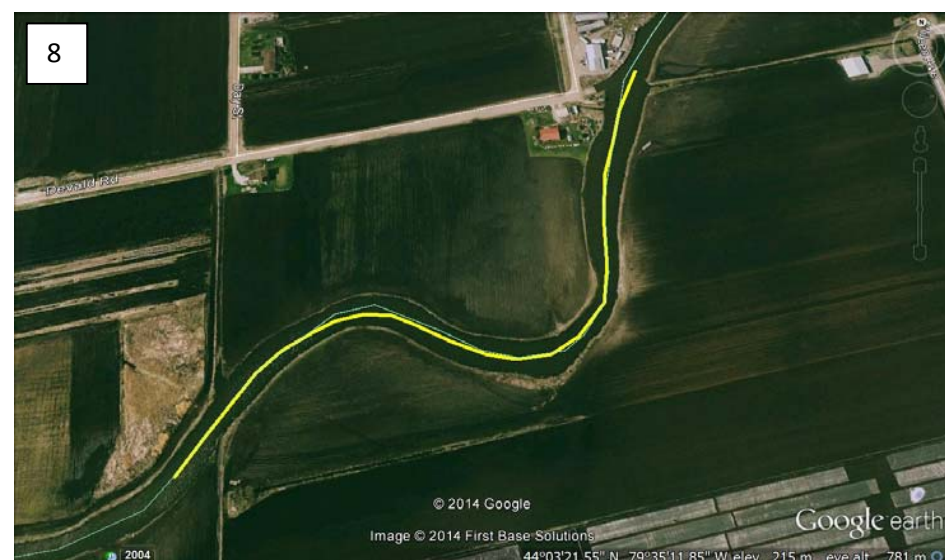
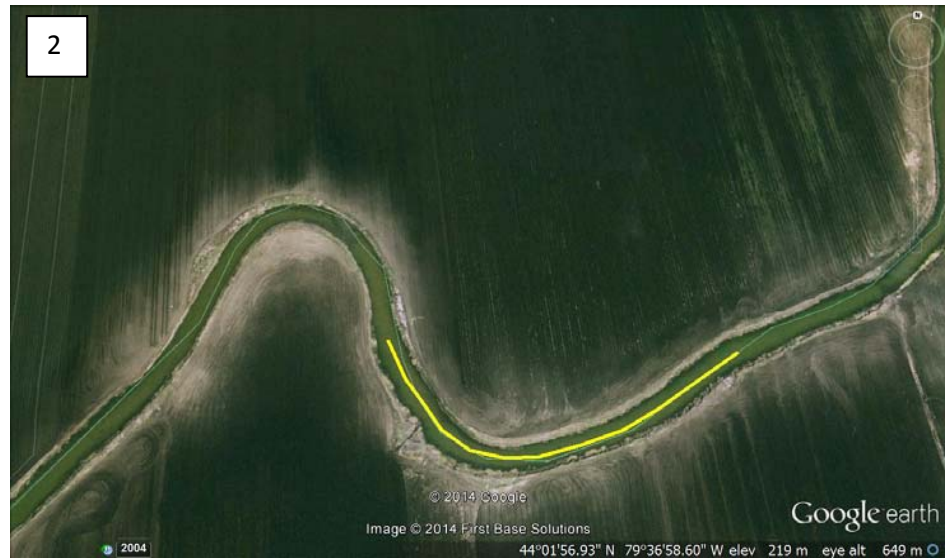
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