

King Township Water, Wastewater and Storm Water Master Plan Class EA - Contact List

Organization	Branch	Name	Position Title	NOTES	Date Added / Updated	Notice of Commencement		Notice of Phase I PCC		Notice of Phase II PCC	Notice of Completion	
						Mailed	E-Mailed	Mailed	E-Mailed	Mailed	Mailed	E-Mailed
<b>King Township</b>												
		John Vandenberg	Project Manager		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
		Mike Cole	Manager of Engineering and Development		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
		Stephen Kitchen	Planning		1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
<b>York Region</b>												
Environmental Services	Capital Planning and Delivery	Stephen Fung	Manager-Capital Planning & Engineer		1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
Office of the CAO	Long Range Planning	Michael Skelly	Sr. Planner		1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
		Adrian Coombs					21-Mar		8-May	TAC 23-Jun-15		
<b>Special Interest Groups</b>												
VIVA		Nimisha Raja			1-Mar-14	18-Mar-14	21-Mar		8-May			
Sustainability Advisory Committee		Brent King	Financial Pillar		1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
Sustainability Advisory Committee		Susan Lloyd Swail	Environmental Pillar		1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
<b>First Nation Groups</b>												
Chippewas of Georgina Island		Sheri Taylor		<a href="http://www.georginaisland.com/ContactUsBirchbark.html">http://www.georginaisland.com/ContactUsBirchbark.html</a> E-Mail address added July 3	1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	Aboriginal Affairs and Northern Development Canada	Mr. Shafiul Alam	Environmental Officer		21-Mar-14		21-Mar	6-May	8-May	7-Jul-15		
	The Chiefs of Ontario	Ms. Sue Chiblow	Environmental Coordinator	July 3: Changed from Sue Chiblow	21-Mar-14		21-Mar	6-May	8-May	7-Jul-15		
	The Métis Nation of Ontario		Metis Consultation Unit	July 3: Added, and mailed	3-Jul-14	3-Jul-14		3-Jul-14		7-Jul-15		
	The Métis Nation of Ontario	Aly N. Alibhai	Director	changed from Melanie Paradis, from website <a href="http://www.metisnation.org/programs/lands,-resources--consultations/duty-to-consult/contact">http://www.metisnation.org/programs/lands,-resources--consultations/duty-to-consult/contact</a>	8-May-14		3-Jul	6-May	3-Jul	7-Jul-15		
	Ministry of Aboriginal Affairs	Mr. David Pickles	Team Lead for EAs		21-Mar-14		21-Mar	6-May	8-May	7-Jul-15		
<b>School Boards</b>												
	Student Transportation Providers for York Region	Ms. Sandra Drover			1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	York Region Catholic School Board	Ms. Carolyn Stoddard			1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	York Region District School Board	Ms. Jane Ross			1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	Country Day School	John Liggett			1-Mar-14		21-Mar		8-May	7-Jul-15		
<b>Provincial Ministries</b>												
	GO Transit	Mr. Michael S. Wolczyk	Manager, Marketing and Planning		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		

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						Mailed	E-Mailed	Mailed	E-Mailed	Mailed	Mailed	E-Mailed
	Ministry of Agriculture - OMAFRA	Mr. Drew Crinklaw	Rural Planner - South Western Ontario		1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	Ministry of Tourism, Culture and Sport	Ms. Rosi Zirger	Heritage Planner	updated	30-Apr-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
	Ministry of Municipal Affairs and Housing	Mr. Victor Doyle	Manager, Community Planning and Development (Central Services)	changed from Malcolm Horne; responder to NOC	30-Apr-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
	Ministry of Natural Resources	Ms. Jackie Burkart	District Planner	changed from Debbie Pella Keen; responder to NOC updated email address for Jackie Burkart	8-May-14	18-Mar-14	21-Mar	6-May	BOUNCE-BACK resent with new email 8-May	7-Jul-15		
	Ministry of Environment	Nisha Shirali	Environmental Resource Planner and EA Coordinator	updated	27-Mar-14	18-Mar-14	21-Mar	6-May		7-Jul-15		
	Ministry of Transportation - Ontario	Mr. Lou Politano	Regional Director		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
	Infrastructure Ontario		EA Coordinator		1-Mar-14	18-Mar-14		6-May		7-Jul-15		
<b>Federal Agencies</b>												
	Canadian National Railway	Mr. John MacTaggart	Technical Services Engineer		1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	CN Rail	Mr. Dave A. Reynolds	Manager - Engineering & Environmental Services		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
	Environment Canada	Rob Dobos	Manager, Environmental Assessment Section	Changed from Sheila Allan from response to NOC	21-Mar-14		21-Mar		8-May			
	Toronto Region Conservation Authority	Kevin Huang	Senior Planner		1-Mar-14	18-Mar-14		6-May		7-Jul-15		
	Lake Simcoe Region Conservation Authority	Tom Hogenbirk			1-Mar-14		21-Mar		8-May	TAC 23-Jun-15		
	Toronto Region Conservation Authority	Suzanne Bevan	Senior Planner, EA Planning	Responder to NOC	30-Apr-14			6-May	8-May	7-Jul-15		
<b>King Township Councillors</b>												
King Township (also a Council Member at York Region)		Steve Pellegrini	Mayor	Phase 2 PCC Bounceback. Postal Code updated	1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 1	Cleve Mortelliti	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 2	Peter Grandilli	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 3	Linda Pabst	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 4	Bill Cober	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 5	Debbie Schaefer	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
King Township	Ward 6	Avia Eek	Councillor		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
<b>Chamber of Commerce</b>												
		Tom Allen	President		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		

**King Township Water, Wastewater and Storm Water Master Plan Class EA - Contact List**

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						Mailed	E-Mailed	Mailed	E-Mailed	Mailed	Mailed	E-Mailed
King Township	Community/Economic Development	Jamie Smyth	King Township Liasion		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
<b>Interested Parties</b>												
AM Canderas		Tas Canderas	P. Eng		18-Mar-14		21-Mar	6-May	8-May	7-Jul-15		
Seneca College		Angelo Miranda	Director, Major Capital Projects and Facilities		1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
Seneca College		Vince Tersigni	Facilities Manager, king Campus	Attended PCC 1	14-May-14					7-Jul-15		
R.V. Anderson Associates Limited		Ken P. Wallace			1-Mar-14	18-Mar-14	21-Mar	6-May	8-May	7-Jul-15		
The Country Day School		John Liggett	Head of School	Attended PCC1	14-May-14					7-Jul-15		
<b>Landowners within Study Area</b>												
		Susan Zucchero	Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Bobby Bhoola	Farm	Attended PCC 1	14-May-14					7-Jul-15		
		Susan Beharriell	Rural	Attended PCC 1	14-May-14					7-Jul-15		
		Susan Lloyd-Swail	King Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Jane Underhill	Resident (King City)	Attended PCC 1	14-May-14					7-Jul-15		
		Nancy Hopkinson	Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Nancy and Gerrit de Boer	Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Lynn Wizniak	Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Andrea Loeppky	Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Quint Alfano	King Resident	Attended PCC 1	14-May-14					7-Jul-15		
		Saleem Khowaja		Attended PCC 1	14-May-14							
		Jody LaPlante	Brookvalley Project Management	Emailed and wished to be added to contact list	9-Sep-14					Contacted by Telephone		



**NOTICE OF COMMENCEMENT**  
**KING TOWNSHIP WATER/WASTEWATER**  
**AND STORMWATER MASTER PLANS**



**INTRODUCTION – What are these Master Plans all about?**

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township’s Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

**MASTER PLAN CLASS ENVIRONMENTAL ASSESSMENT – A formal Ministry of the Environment Process**

These studies are being conducted in accordance with the requirements of Phases 1 and 2 of the Municipal Class Environmental Assessment, which is an approved process under the Environmental Assessment Act.

The MPCEA process includes public and review agency consultation, an assessment of the problem and opportunities, an evaluation of alternative solutions, an assessment of potential effects on the environment, and identification of reasonable measures to mitigate the adverse effects. The preferred solution(s) will be determined based on engineering requirements, environmental considerations (natural, social, economic), public input and information gathered during the studies.

**ATTEND A PUBLIC CONSULTATION CENTRE – Help us plan for the future!**

Public consultation is a key component of the MPCEA process. We would like to invite you, your friends, and your neighbours to participate in the Public Consultation Centres (PCCs) to inform these studies. At the PCCs, you will be able to learn about our approach and our findings, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

For more information on the project and the dates for the upcoming PCCs, please visit <http://www.king.ca/WaterMasterPlans>, or contact the Project Team directly:

<b>Consultant</b>	<b>King Township</b>
Kevin Brown, P.Eng	John Vandenberg, C. Tech., EP
The Municipal Infrastructure Group Ltd. (TMIG)	King Township, Engineering and Public Works
8800 Dufferin Street, Suite 200 Vaughan, ON. L4K 0C5 Email: kbrown@tmig.ca Phone: (905) 738-5700 x247 Fax: (905) 738-0065	2075 King Rd, King City, ON. L7B 1A1 Email: jvandenberg@king.ca Phone: (905) 833-4059 Fax: (905) 833-2300

Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: [www.king.ca](http://www.king.ca)

March 13, 2014

**RE: Notice of Commencement of Class Environmental Assessment Study for King Township  
Water/Wastewater and Stormwater Master Plans**

The Township of King has initiated a Schedule B Class Environmental Assessment (Class EA) study for the Water/Wastewater and Stormwater Master Plans in the communities of King City, Nobleton and Schomberg. The Water/Wastewater Master Plan will also include the Ansnorveldt water distribution system. The Township has retained the services of The Municipal Infrastructure Group Ltd. to act on the Region's behalf to complete the work for this project.


Enclosed is the Notice of Commencement for the Class EA study for this project.

If your agency/office has any comments or input regarding this project, we invite you to complete and return the attached Response Form by **March 31, 2014**. If your agency/office has no comments or interest in this project, we would appreciate you advising us either by letter or by endorsing the space provided at the end of this letter by **March 31, 2014**. Comments and information regarding this project are being collected to assist King Township in arriving at the preferred solution and in meeting the requirements of the *Ontario Environmental Assessment Act*. Comments, input and information received will be used in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*.

Should you have any questions, comments or require further information, please contact TMIG directly at [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca).

We thank you for your co-operation.

  
John Vandenberg, C.Tech., EP  
Township of King

  
Kevin Brown, P.Eng  
The Municipal Infrastructure Group Ltd.



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
**Reply to: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**

Name: \_\_\_\_\_  
Agency/Office: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**

8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
**Email: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

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This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Per

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Sunday, March 16, 2014 10:05 AM  
**To:** Kevin Brown  
**Subject:** King Water Master Plan

Hi : Please add me to your study and updates mailing list.

Thanks

[REDACTED]

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Friday, March 21, 2014 2:37 PM  
**To:** KingWaterMasterPlans  
**Subject:** RE: NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Kevin,

Please remove my name in your contact list and replace it with:

[REDACTED]  
[REDACTED]  
[REDACTED] 053

Thanks,

[REDACTED]

---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans  
**Sent:** March 21, 2014 1:57 PM  
**To:** KingWaterMasterPlans  
**Subject:** NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

Please find attached the Notice of Commencement for the King Water/Wastewater and Stormwater Master Plans.

Additional notices will be forwarded to you at the appropriate times.

Additional information will be available at [www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans).

Regards,

Kevin Brown

**The Municipal Infrastructure Group Ltd.**  
Project Manager  
Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)





KING TOWNSHIP PROJECT MANAGER	CONSULTANT PROJECT MANAGER	FACILITATION AND DECISION SUPPORT
<p><b>John Vandenberg, C.Tech., EP</b>  <b>Township of King</b>            2075 King Rd            King City, ON. L7B 1A1            E-Mail: <a href="mailto:jvandenberg@king.ca">jvandenberg@king.ca</a>            Phone: (905) 833-4059            Fax: (905) 833-2300</p>	<p><b>Kevin Brown, P.Eng.</b>  <b>The Municipal Infrastructure Group Ltd.</b>            8800 Dufferin Street, Suite 200            Vaughan, ON. L4K 0C5            E-Mail: <a href="mailto:kbrown@tmig.ca">kbrown@tmig.ca</a>            Phone: (905) 738-5700 x247            Fax: (905) 738-0065</p>	<p><b>Yulia Pak</b>  <b>Swerhun Inc.</b>            720 Bathurst Street, Suite 500B            Toronto, ON. M5S 2R4            E-Mail: <a href="mailto:ypak@swerhun.com">ypak@swerhun.com</a>            Phone: (416) 572 4365</p>

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Tuesday, March 25, 2014 12:02 PM  
**To:** KingWaterMasterPlans  
**Subject:** FW: Response Form for Seneca College  
**Attachments:** Scanned from a Xerox multifunction device.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Attention: Kevin Brown, P.Eng.

Please find attached the completed response form for Seneca College regarding the water/wastewater and stormwater master plans. Seneca College is very interested in supporting this process to ensure municipal sewage and water plans include and take into account the demands of Seneca College's King campus.

Regards,

[REDACTED]



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905 833 5321  
Fax: 905 833 2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**

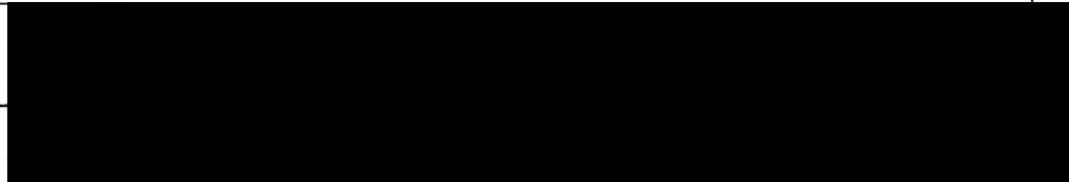
**Notice of Commencement - RESPONSE FORM**

**Reply to: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**

Name:

Agency/Office:

Address:



Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**

8800 Dufferin Street, Suite 200

Vaughan, ON. L4K 0C5

Attention: Kevin Brown, P.Eng

**Email: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**

Phone: (905) 738-5700 x247

Fax: (905) 738-0065

*We are interested in the following municipal infrastructure:*

*a) Sewage line up Keele St to Keele/15th sideroad intersection*

*b) Municipal water servicing along 15th sideroad.*

*c) Municipal water servicing along Dufferin to 15th Sideroad or north of 15th sideroad.*

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

*March 25, 2014*

Date



Per

## Kevin Brown

---

**From:** Kevin Brown  
**Sent:** Thursday, July 03, 2014 10:36 AM  
**To:** [REDACTED]  
**Cc:** KingWaterMasterPlans  
**Subject:** RE: Response Form for Seneca College

[REDACTED]

Thank you for your comment.

We will be reviewing the servicing alternatives which you have proposed.

The second Public Consultation Centre will be held in early October, at which point we will be presenting the preferred servicing alternatives.

Regards,

Kevin Brown

### The Municipal Infrastructure Group Ltd.

Project Manager

Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

King Township Water/Wastewater and Stormwater Master Plans Project Team		
		
<b>KING TOWNSHIP PROJECT MANAGER</b>	<b>CONSULTANT PROJECT MANAGER</b>	<b>FACILITATION AND DECISION SUPPORT</b>
<b>John Vandenberg, C.Tech., EP</b> Township of King 2075 King Rd King City, ON. L7B 1A1 E-Mail: <a href="mailto:jvandenberg@king.ca">jvandenberg@king.ca</a> Phone: (905) 833-4059 Fax: (905) 833-2300	<b>Kevin Brown, P.Eng.</b> The Municipal Infrastructure Group Ltd. 8800 Dufferin Street, Suite 200 Vaughan, ON. L4K 0C5 E-Mail: <a href="mailto:kbrown@tmig.ca">kbrown@tmig.ca</a> Phone: (905) 738-5700 x247 Fax: (905) 738-0065	<b>Yulia Pak</b> Swerhun Inc. 720 Bathurst Street, Suite 500B Toronto, ON. M5S 2R4 E-Mail: <a href="mailto:ypak@swerhun.com">ypak@swerhun.com</a> Phone: (416) 572 4365

-----Original Message-----

**From:** [REDACTED]  
**Sent:** Tuesday, March 25, 2014 12:02 PM  
**To:** KingWaterMasterPlans  
**Subject:** FW: Response Form for Seneca College

Attention: Kevin Brown, P.Eng.

Please find attached the completed response form for Seneca College regarding the water/wastewater and stormwater master plans. Seneca College is very interested in supporting this process to ensure municipal sewage and water plans include and take into account the demands of Seneca College's King campus.

Regards,

[Redacted signature]

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Thursday, March 27, 2014 11:13 AM  
**To:** KingWaterMasterPlans  
**Subject:** NoC King Township Water Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

The Ministry of Natural Resources cannot, at this time, determine if we would have any concerns with the subject EA. Please keep us informed of the EA as it progresses. **Electronic submissions are preferred.**

Thanks,

[REDACTED]

## Kevin Brown

---

**From:** [REDACTED]  
**Sent:** Thursday, March 27, 2014 1:55 PM  
**To:** John Vandenberg  
**Cc:** Kevin Brown; [REDACTED]  
**Subject:** MOE comments - Class EA for King Township Water, Wastewater and SWM Master Plans  
**Attachments:** TSS NoC Comment - King Water WW and SWM Master Plan.pdf

Mr. Vandenberg,

Please find attached a response from the Ministry of the Environment's Central Region office regarding the Notice of Commencement of the Class EA Study for the King Township Water, Wastewater and Stormwater Master Plans.

Should you have any questions, please contact the undersigned.

Best wishes,

[REDACTED]  
Environmental Resource Planner & EA Coordinator  
Ministry of the Environment  
Central Region, Technical Support Section  
5775 Yonge Street, 9th Fl  
Toronto, ON M2M 4J1  
[REDACTED]



**Ministry of the Environment**

Central Region  
Technical Support Section

5775 Yonge Street, 8<sup>th</sup> Floor  
North York, Ontario M2M 4J1

Tel.: (416) 326-6700  
Fax: (416) 325-6347

**Ministère de l'Environnement**

Région du Centre  
Section d'appui technique

5775, rue Yonge, 8<sup>ième</sup> étage  
North York, Ontario M2M 4J1

Tél. : (416) 326-6700  
Télééc. : (416) 325-6347

March 27, 2014

File No.: EA01-06-11

John Vandenberg, C. Tech., EP  
King Township, Engineering and Public Works  
2075 King Road  
King City, ON L7B 1A1

**RE: King Township Water/Wastewater and Stormwater Master Plans  
Township of King  
Class Environmental Assessment  
Response to Notice of Commencement**

Dear Mr. Vandenberg,

This letter is our response to the Notice of Study Commencement for the above noted project. This response acknowledges that the Township of King has indicated that its study is following the approved environmental planning process for a Master Plan project under the *Municipal Engineers Association Municipal Class Environmental Assessment (Class EA)*.

Based on the information submitted, we have identified the following areas of interest with respect to the proposed undertaking:

- Ecosystem Protection and Restoration
- Surface Water
- Groundwater
- Air Quality, Dust and Noise
- Servicing and Facilities
- Contaminated Soils
- Mitigation and Monitoring
- Planning and Policy
- Class EA Process
- Aboriginal Consultation

We are providing the following general comments to assist your team in effectively addressing these areas of interest:

**Ecosystem Protection and Restoration**

- Any impacts to ecosystem form and function must be avoided where possible. The Master Plan should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. Our records confirm that the following sensitive environmental features are located within or adjacent to the study area:
  - Areas of Natural and Scientific Interest (ANSIs)
  - Rare Species of flora or fauna
  - Watercourses
  - Wetlands



- Woodlots

We recommend consulting with the Ministry of Natural Resources (MNR), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional study will be necessary to preserve and protect these sensitive features.

### **Surface Water**

- The Master Plan must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's *Stormwater Management Planning and Design Manual (2003)* should be referenced in the Master Plan and utilized when designing stormwater control methods. We recommend that a Stormwater Management Plan should be prepared as part of the Class EA process that includes:
  - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
  - Watershed information, drainage conditions, and other relevant background information
  - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
  - Information on maintenance and monitoring commitments.

### **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the Master Plan.
- If the potential construction or decommissioning of water wells is identified as an issue, the Master Plan should refer to Ontario Regulation 903, Wells, under the *Ontario Water Resources Act*.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.

Any potential approval requirements for groundwater taking or discharge should be identified in the Master Plan. In particular, a Permit to Take Water (PTTW) under the *Ontario Water Resources Act* will be required for any water takings that exceed 50,000 litres per day.

## **Air Quality, Dust and Noise**

- Any potential air quality impacts should be assessed and used in the evaluation of alternatives for the proposed project. Appropriate mitigation measures of any potential effects should be identified.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.

## **Servicing and Facilities**

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's "D-Series" guidelines – *Land Use Compatibility* to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

## **Contaminated Soils**

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act (EPA)* and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. We recommend contacting the ministry's York Durham District Office in Ajax for further consultation if contaminated sites are present.
- The location of any underground storage tanks should be investigated in the Master Plan. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Any current or historical waste disposal sites should be identified in the Master Plan. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the *Environmental Protection Act* may be required for land uses on former disposal sites.
- The Master Plan should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

## **Mitigation and Monitoring**

- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- All waste generated during construction must be disposed of in accordance with ministry requirements.

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the Master Plan and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly. The proponent's construction and post-construction monitoring plans should be documented in the Master Plan.

## **Planning and Policy**

- Parts of the study area are subject to the *Oak Ridges Moraine Conservation Plan and Growth Plan for the Greater Golden Horseshoe*. The Master Plan should demonstrate how the proposed study adheres to the relevant policies in these plans.
- The 2005 Provincial Policy Statement contains policies that protect Ontario's natural heritage and water resources, including designated vulnerable areas mapped in source water protection assessment reports under the *Clean Water Act*. Applicable policies should be referenced in the Master Plan, and the proponent should demonstrate how this proposed project is consistent with these policies. Assessment reports can be found on the Conservation Ontario website at: [http://www.conservation-ontario.on.ca/source\\_protection/otherswpreionsindex.htm](http://www.conservation-ontario.on.ca/source_protection/otherswpreionsindex.htm).

## **Class EA Process**

- There are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act*, although the plan itself would not be.
- The Master Plan should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making. The Master Plan must also demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all public consultation efforts undertaken during the planning process. Additionally, the Master Plan should identify all concerns that were raised and how they have been addressed throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The Master Plan should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the Master Plan.
- Please include in the Master Plan a list of all subsequent permits or other approvals that may be required for the implementation of the preferred alternative, including Permits to Take Water, Environmental Compliance Approvals, approval under the *Canadian Environmental Assessment Act* (CEAA), and conservation authority permits.

- Please note that ministry guidelines and other information related to the issues noted above are available at [www.ene.gov.on.ca](http://www.ene.gov.on.ca) under the publications link. We encourage you to review all the available guides and to reference any relevant information in the Master Plan.

### **Aboriginal Consultation**

- The Crown has a duty to consult First Nation and Métis communities if there is a potential impact to Aboriginal or treaty rights. As the proponent of this project, you have a responsibility to conduct adequate consultation with First Nation and Métis communities as part of the environmental assessment process. The Crown is therefore, delegating the procedural aspects of consultation to you as outlined in the attached document.
- You must contact the Director, Environmental Approvals Branch if a project may adversely affect an Aboriginal or treaty right, or if a Part II Order is anticipated; the ministry will then determine whether the Crown has a duty to consult. Information and resources to assist you in fulfilling this requirement are provided as an attachment.

Thank you for the opportunity to comment on this project. A draft copy of the Master Plan should be sent to this office prior to the filing of the final draft, allowing approximately 30 days review time for the ministry's reviewers to provide comments. Please also forward our office the Notice of Completion and Master Plan when completed. Should your team have any questions regarding the above, please contact me at 416-326-3469.

Yours sincerely,

[REDACTED]

[REDACTED]

Environmental Resource Planner and EA Coordinator  
Air, Pesticides and Environmental Planning

- c. [REDACTED] York Durham District Office, MOE  
Central Region EA File  
A & P File

## ABORIGINAL CONSULTATION INFORMATION

### Interest-based consultation with First Nation and Métis Communities

Proponents subject to the *Environmental Assessment Act* are required to consult with interested First Nation and Métis communities in addition to consultation with interested persons. Special effort may be required to ensure that First Nation and Métis communities are made aware of the project and are afforded an opportunity to provide comments.

Proponents are required to contact the Ministry of Aboriginal Affairs (MAA) and Aboriginal Affairs and Northern Development Canada (AANDC) to help identify which First Nation and Métis communities may be impacted by your project. **It is important to ensure that MAA and AANDC are advised of any communities identified for consultation during previous stages of the project when making this request.** For more information in this regard, refer to the Aboriginal Information Resources web page of the Ministry of the Environment's internet site at:

<http://www.ene.gov.on.ca/en/eaab/aboriginal-resources.php>

You are advised to provide notification directly to all of the First Nation and Métis communities who may be interested in the project.

### Rights-based consultation with First Nation and Métis Communities

Proponents should also be aware that certain projects may affect the ability of a First Nation or Métis community to exercise their confirmed or asserted Aboriginal or treaty rights. In such cases, Ontario may have a duty to consult to ensure the protection of the potentially affected right. Activities which may restrict access to unoccupied Crown lands, or could result in a potential to impact to land or water resources, generally have the potential to impact Aboriginal or treaty rights. For assistance in determining whether your project could affect these rights, refer to the attached "Preliminary Assessment Checklist: First Nation and Métis Community Interest."

If there is an impact to Aboriginal or treaty rights, accommodation may be required to avoid or minimize the adverse impacts. Accommodation is an outcome of consultation and includes any mechanism used to avoid or minimize adverse impacts to Aboriginal or treaty rights and traditional uses. Solutions could include adjustments in the timing or geographic location of the proposed activity; accommodation does not necessarily require the provision of financial compensation.

The proponent must contact the Director, Environmental Approvals Branch if a project may **adversely affect an Aboriginal or treaty right**, or if a **Part II Order or an elevation request is anticipated**; the Ministry will then determine whether the Crown has a duty to consult.

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to [EAASIBgen@ontario.ca](mailto:EAASIBgen@ontario.ca) or by mail or fax at the address provided below:

<b>Email:</b>	<a href="mailto:EAASIBgen@ontario.ca">EAASIBgen@ontario.ca</a> Subject: Potential Duty to Consult
<b>Fax:</b>	416-314-8452
<b>Address:</b>	Environmental Approvals Branch 12A Flr 2 St Clair Ave W Toronto ON M4V1L5

## Delegation of Procedural Aspects of Consultation

Proponents, by virtue of their knowledge and participation in project activities, have an important and direct role in the consultation process to ensure both success and certainty. Where the Crown's duty to consult is triggered, **Ontario is delegating these procedural aspects of this rights-based consultation to you as the proponent of the project.**

Ontario will have an oversight role as the consultation process unfolds but will be relying on the steps undertaken and information you obtain to ensure adequate consultation has taken place. To ensure that First Nation and Métis communities have the ability to assess a project for its potential to impact on an Aboriginal or treaty right, there are certain procedural aspects of consultation that Ontario requires proponents to undertake.

The responsibilities of the proponent for procedural aspects of consultation include:

- Providing notice to the elected leadership of the First Nation and/or Métis communities (e.g., First Nation Chief) as early as possible regarding the project;
- Providing First Nation and/or Métis communities with information about the proposed project including anticipated impacts, information on timelines and your environmental assessment process;
- Following up with First Nation and/or Métis communities to ensure they received project information and that they are aware of the opportunity to express comments and concerns about the project; if you are unable to make the appropriate contacts (e.g. are unable to contact the Chief) please contact the Ministry of the Environment for further direction.
- Providing First Nation and/or Métis communities with opportunities to meet with appropriate representatives to discuss the project;
- Gathering information about how the project may adversely impact the Aboriginal and/or Treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns provided by First Nation and/or Métis communities and providing responses;
- Where appropriate, discussing potential mitigation strategies with First Nation and/or Métis communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation.
- Maintaining a Consultation Record and upon request, providing copies of the Consultation Record to Ontario. The Consultation Record should:
  - summarize the nature of any comments and questions received from First Nation and/or Métis communities
  - describe the response to comments and how concerns were considered
  - include a communications log indicating the dates and times of all communications; and
  - document activities in relation to consultation.

Successful consultation depends, in part, on early engagement by proponents with First Nation and Métis communities. Information shared with communities must be clear, accurate and complete, and in plain language where possible. The consultation process must maintain sufficient flexibility to

respond to new information, and we trust you will make all reasonable efforts to build positive relationships with all First Nation and Métis communities contacted.

**Preliminary Assessment Checklist: First Nation and Métis Community Interest**

Some main concerns of First Nation and Métis communities deal with/address rights for hunting, gathering, trapping, and fishing – these activities generally occur on Crown land or water bodies. As such, projects related to Crown land or water bodies, or changes to them, may be of concern.

Where you have identified that your project may trigger rights-based consultation through the following questions, a pre-consultation meeting with the ministry and proponent will provide an early opportunity to confirm whether Ontario’s duty to consult is triggered and to discuss roles and responsibilities in that event.

Please answer the following questions. A “yes” response will indicate a potential impact on Aboriginal or treaty rights.

	YES	NO
<p>1. Are you aware of concerns from First Nation and Métis communities about your project or a similar project in the area?</p> <p>The types of concerns can range from interested inquiries to environmental complaints, and even to land use concerns. You should consider whether the interest represents on-going, acute and/or widespread concern.</p>		
<p>2. Is your project occurring on Crown land, or is it close to a water body, or might it change access to either?</p>		
<p>3. Is the project located in an open or forested area where hunting or trapping could take place?</p>		
<p>4. Does the project involve the clearing of forested land?</p>		
<p>5. Is the project located away from developed, urban areas?</p>		
<p>6. Is your project close to, or adjacent to, an existing reserve?</p> <p>Projects in areas near reserves may be of interest to your First Nation and Métis community neighbours.</p>		
<p>7. Will the project affect First Nations and/or Métis right of access?</p>		
<p>8. Is the area subject to a land claim?</p> <p>Information about land claims filed in Ontario is available from the Ministry of Aboriginal Affairs; information about claims filed with the federal government is available from Aboriginal Affairs and Northern Development Canada.</p>		
<p>9. Does the project have potential to cause cumulative effects at the present time or over a long period of time (e.g. several small expansions of an urban area)?</p>		
<p>10. Does the project have the potential to impact any archaeological sites?</p>		

## Kevin Brown

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**From:** [REDACTED]  
**Sent:** Wednesday, April 02, 2014 11:00 AM  
**To:** KingWaterMasterPlans  
**Subject:** King Township Water/Wastewater and Stormwater Mater Plans  
**Attachments:** King Water Master Plan EA.pdf; Criteria for Evaluating Archaeological Potential-MTC July 2011.pdf; Screening for Impacts to Built Heritage and Cultural Heritage Landscapes-MTC-Nov2010.pdf

**Project: King Township Water/Wastewater and Stormwater Mater Plans**  
**Location: Township of King**  
**MTCS File: 001047**

Dear Mr. Brown

On March 21, 2014 the Ministry of Tourism, Culture and Sport (MTCS) received a Notice of Commencement for the project mentioned above. MTCS's interest in this class EA project relates to its mandate of conserving, protecting and preserving Ontario's cultural heritage, including:

- archaeological resources,
- built heritage resources, and
- cultural heritage landscapes.

We apologize for the late reply. As requested we attach your completed Response Form.

MTCS would be interested in remaining on the circulation list and being informed of the project as it proceeds through the EA process. We would ask that you send future notices to Rosi Zirger Heritage Planner at the address below.

We recommend that the Master Planning study identify cultural heritage resources which may exist in the area(s) under study and propose means to protect and conserve any culutral heritage resources that might be impacted by future improvements. For your information and future consideration attached are the following checklists used by MTCS:

**Archaeology:**

- MTCS's *Criteria for Evaluating Archaeological Potential*, which identifies characteristics of the property that indicate whether archaeological resources might be present and/or impacted. If any of the criteria are met, then an archaeological assessment by a licensed archaeologist will be necessary for the project. The licensed archaeologist will forward all completed archaeological assessment reports to the Ministry for review by an Archaeological Review Officer; and

**Built Heritage and Cultural Heritage Landscape:**

- *Checklist for Screening for Impacts to Built Heritage and Cultural Heritage Landscapes* which is used in order to determine the existing cultural conditions, and to help identify known and potential built heritage resources and cultural heritage landscapes. As part of the screening we suggest that the Municipal Clerk or Planning department be contacted to determine if there are any properties that have been listed or designated under the *Ontario Heritage Act*.

Regarding built heritage and cultural heritage landscapes, we further recommend consultation with established municipal heritage groups such as Municipal Heritage Committee.

MTCS's advice on any cultural heritage assessment work that may be indicated will be based on the information provided in the completed checklist as well as any additional relevant information, including photographs and site plans.

We hope that you will find this information helpful. We look forward to the opportunity to review the results of the environmental assessment.

If you have any questions or concerns please feel free to contact me.



Sincerely

[Redacted]

Heritage Planner

Ministry of Tourism, Culture & Sport

Culture Division | Programs & Services Branch | Culture Services Unit

401 Bay Street, Suite 1700 Toronto, Ontario M7A 0A7


[Redacted]



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
Reply to: KingWaterMasterPlans@tmig.ca

Name:  HERITAGE PLANNER  
Agency/Office: MINISTRY OF TOURISM, CULTURE & SPORT (CULTURE SERVICES)  
Address: 401 BAY STREET, SUITE 1700  
TORONTO, ON M7A 0A7

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
Email: KingWaterMasterPlans@tmig.ca  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

MTCS'S INTEREST IN THIS PROJECT IS CULTURAL HERITAGE RESOURCES:  
• ARCHAEOLOGICAL RESOURCES  
• BUILT HERITAGE RESOURCES  
• CULTURAL HERITAGE LANDSCAPES

PLEASE FIND SCREENING CHECKLISTS ATTACHED.

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

April 2, 2014

Date



“Archaeological potential” is a term used to describe the likelihood that a property contains archaeological resources. This checklist is intended to assist non-specialists screening for the archaeological potential of a property where site alteration is proposed.

Note: for projects seeking a Renewable Energy Approval under Ontario Regulation 359/09, the Ministry of Tourism and Culture has developed a separate checklist to address the requirements of that regulation.

Project Name
Project Location
Proponent Name
Proponent Contact Information

Known Archaeological Sites	Yes	Unknown	No
1. Known archaeological sites within 300 m of property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Known Archaeological Sites	Yes	Unknown	No
2. Body of water within 300 m of property If yes, what kind of water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) Primary water source (lake, river, large creek, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Secondary water source (stream, spring, marsh, swamp, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Past water source (beach ridge, river bed, relic creek, ancient shoreline, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topographical features on property (knolls, drumlins, eskers, or plateaus)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pockets of sandy soil (50 m <sup>2</sup> or larger) in a clay or rocky area on property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Distinctive land formations on property (mounds, caverns, waterfalls, peninsulas, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Features	Yes	Unknown	No
6. Known burial site or cemetery on or adjacent to the property (cemetery is registered with the Cemeteries Regulation Unit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Food or scarce resource harvest areas on property (traditional fishing locations, agricultural/berry extraction areas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Indications of early Euro-Canadian settlement within 300 m of property (monuments, cemeteries, structures, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Early historic transportation routes within 100 m of property (historic road, trail, portage, rail corridor, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property-specific Information	Yes	Unknown	No
10. Property is designated and/or listed under the <i>Ontario Heritage Act</i> (municipal register and lands described in Reg. 875 of the <i>Ontario Heritage Act</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Local knowledge of archaeological potential of property (from aboriginal communities, heritage organisations, municipal heritage committees, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Recent deep ground disturbance <sup>†</sup> (post-1960, widespread and deep land alterations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>†</sup> Archaeological potential can be determined not to be present for either the entire property or a part(s) of it when the area under consideration has been subject to widespread and deep land alterations that have severely damaged the integrity of any archaeological resources. Deep disturbance may include quarrying or major underground infrastructure development. Activities such as agricultural cultivation, gardening, minor grading and landscaping are not necessarily considered deep disturbance. Alterations can be considered to be extensive or widespread when they have affected a large area, usually defined as the majority of a property.

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**Scoring the results:**

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If **Yes** to **any** of **1, 2a, 2b, 2c, 6, 10, or 11** → high archaeological potential – assessment is required

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If **Yes** to **two or more** of **3, 4, 5, 7, 8, or 9** → high archaeological potential – assessment is required

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If **Yes** to **12** or **No** to all of **1 - 10** → **low** archaeological potential – assessment is not required

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If 3 or more **Unknown** → an archaeological assessment is required (see note below)

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† **Note:** If information requested in this checklist is unknown, a consultant archaeologist licensed under the *Ontario Heritage Act* should be retained to carry out at least a Stage 1 archaeological assessment to further explore the archaeological potential of the property and to prepare a report on the results of that assessment. The Ministry of Tourism and Culture reviews all such reports prepared by consultant archaeologists against the ministry's Standards and Guidelines for Consultant Archaeologists. Once the ministry is satisfied that, based on the available information, the report has been prepared in accordance with those guidelines, the ministry issues an acceptance letter to the consultant archaeologist and places the report into its registry where it is available for public inspection.

### Screening for Impacts to Built Heritage and Cultural Heritage Landscapes

This checklist is intended to help proponents determine whether their project could affect known or potential cultural heritage resources. The completed checklist should be returned to the appropriate Heritage Planner or Heritage Advisor at the Ministry of Tourism and Culture.

#### Step 1 – Screening for Recognized Cultural Heritage Value

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Is the subject property designated or adjacent* to a property designated under the <i>Ontario Heritage Act</i> ?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property listed on the municipal heritage register or a provincial register/list? (e.g. Ontario Heritage Bridge List)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property within or adjacent to a Heritage Conservation District?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Does the subject property have an Ontario Heritage Trust easement or is it adjacent to such a property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Is there a provincial or federal plaque on or near the subject property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property a National Historic Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property recognized or valued by an Aboriginal community?

#### Step 2 – Screening Potential Resources

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Built heritage resources</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Does the subject property or an adjacent property contain any buildings or structures <b>over forty years old<sup>†</sup></b> that are:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Residential structures (e.g. house, apartment building, shanty or trap line shelter)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Farm buildings (e.g. barns, outbuildings, silos, windmills)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Industrial, commercial or institutional buildings (e.g. a factory, school, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Engineering works (e.g. bridges, water or communications towers, roads, water/sewer systems, dams, earthworks, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Monuments or Landmark Features (e.g. cairns, statues, obelisks, fountains, reflecting pools, retaining walls, boundary or claim markers, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property or an adjacent property associated with a known architect or builder?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property or an adjacent property associated with a person or event of historic interest?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. When the municipal heritage planner was contacted regarding potential cultural heritage value of the subject property, did they express interest or concern?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Cultural heritage landscapes</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Does the subject property contain landscape features such as:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Burial sites and/or cemeteries
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Parks or gardens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Quarries, mining, industrial or farming operations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Canals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Prominent natural features that could have special value to people (such as waterfalls, rocky outcrops, large specimen trees, caves, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Evidence of other human-made alterations to the natural landscape (such as trails, boundary or way-finding markers, mounds, earthworks, cultivation, non-native species, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property within a Canadian Heritage River watershed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property near the Rideau Canal Corridor UNESCO World Heritage Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Is there any evidence from documentary sources (e.g., local histories, a local recognition program, research studies, previous heritage impact assessment reports, etc.) or local knowledge or Aboriginal oral history, associating the subject property/ area with historic events, activities or persons?

**Note:**

If the answer is "yes" to any question in Step 1, proceed to Step 3.

The following resources can assist in answering questions in Step 1:

**Municipal Clerk or Planning Department** – Information on properties designated under the Ontario Heritage Act (individual properties or Heritage Conservation Districts) and properties listed on a Municipal Heritage register.

**Ontario Heritage Trust** – Contact the OHT directly regarding easement properties. A list of OHT plaques can be found on the website: [Ontario Heritage Trust](#)

**Parks Canada** – A list of National Historic Sites can be found on the website: [Parks Canada](#)

**Ministry of Tourism and Culture** – The Ontario Heritage Properties Database includes close to 8000 identified heritage properties. Note while this database is a valuable resource, it has not been updated since 2005, and therefore is not comprehensive or exhaustive. [Ontario Heritage Properties Database](#)

**Local or Provincial archives**

**Local heritage organizations**, such as the municipal heritage committee, historical society, local branch of the Architectural Conservancy of Ontario, etc.

Consideration should also be given to obtaining oral evidence of CHRs. For example, in many Aboriginal communities, an important means of maintaining knowledge of cultural heritage resources is through oral tradition.

If the answer is "yes" to any question in Step 2, an evaluation of cultural heritage value is required. If cultural heritage resources are identified, proceed to Step 3.

If the answer to any question in Step 1 or to questions 2-4, 6-8 in Step 2, is "unknown", further research is required.

If the answer is "yes" to any of the questions in Step 3, a heritage impact assessment is required.

If uncertainty exists at any point, the services of a qualified person should be retained to assist in completing this checklist. All cultural heritage evaluation reports and heritage impact assessment reports must be prepared by a qualified person. Qualified persons means individuals (professional engineers, architects, archaeologists, etc.) having relevant, recent experience in the identification and conservation of cultural heritage resources. Appropriate evaluation involves gathering and recording information about the property sufficient to understand and substantiate its heritage value; determining cultural heritage value or interest based on the advice of qualified persons and with appropriate community input. If the property meets the criteria in Ontario Regulation 9/06 under the Ontario Heritage Act, it is a cultural heritage resource.

<sup>†</sup> The 40 year old threshold is an indicator of potential when conducting a preliminary survey for identification of cultural heritage resources. While the presence of a built feature that is 40 or more years old does not automatically signify cultural heritage value, it does make it more likely that the property could have cultural heritage value or interest. Similarly, if all the built features on a property are less than 40 years old, this does not automatically mean the property has no cultural heritage value. Note that age is not a criterion for designation under the *Ontario Heritage Act*.

Step 3 – Screening for Potential Impacts		
<b>YES</b>	<b>NO</b>	<b>Will the proposed undertaking/project involve or result in any of the following potential impacts to the subject property or an adjacent* property?</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Destruction, removal or relocation</b> of any, or part of any, heritage attribute or feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Alteration</b> (which means a change in any manner and includes restoration, renovation, repair or disturbance).
<input type="checkbox"/>	<input type="checkbox"/>	<b>Shadows</b> created that alter the appearance of a heritage attribute or change the exposure or visibility of a natural feature or plantings, such as a garden.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Isolation</b> of a heritage attribute from its surrounding environment, context or a significant relationship.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Direct or indirect obstruction</b> of significant views or vistas from, within, or to a built or natural heritage feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>A change in land use</b> such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Soil disturbance</b> such as a change in grade, or an alteration of the drainage pattern, or excavation, etc.

\* For the purposes of evaluating potential impacts of development and site alteration "adjacent" means: contiguous properties as well as properties that are separated from a heritage property by narrow strip of land used as a public or private road, highway, street, lane, trail, right-of way, walkway, green space, park, and/or easement or as otherwise defined in the municipal official plan.

## Yulia Pak

---

**From:** Kevin Brown <kbrown@tmig.ca>  
**Sent:** Friday, May 16, 2014 9:57 AM  
**To:** Yulia Pak  
**Cc:** John Vandenberg  
**Subject:** King Twp Voicemail Messge:

Yulia:

I received the following VM yesterday. Pleas add it to the Communications Log:

**From:** [REDACTED]  
**Date:** May 15, 2014  
**Via:** Phone Message (416-427-7265)  
**Comment/Question:** Caller lives near the intersection of Weston Road and Aurora Sideroad. Currently has a septic system. Wants to know if there are plans to connect that area to the municipal sewer system.

Thanks,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



*Any data provided is for information purposes only, and is under no circumstances a substitute for a Legal Survey. The information should not be relied upon without proper field verification. IMPORTANT: Carefully read the following disclaimer before using these data. By using these data, you indicate your acceptance and understanding of this disclaimer. DISCLAIMER: The Municipal Infrastructure Group Ltd. (TMIG) provides these digital data sets "as is". TMIG makes no guarantee concerning the accuracy of information contained in the geographic data. TMIG further makes no guarantee as to the condition of the product, or its fitness for any particular purpose. Determining fitness for use lies entirely with the user. If the user has modified the data in any way, they are obligated to describe the types of modifications to the end-user of the data. The user specifically agrees not to misrepresent these data sets, nor to imply that user modifications were approved by the TMIG.*



**NOTICE OF COMMENCEMENT**  
**KING TOWNSHIP WATER/WASTEWATER**  
**AND STORMWATER MASTER PLANS**



**INTRODUCTION – What are these Master Plans all about?**

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township’s Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

**MASTER PLAN CLASS ENVIRONMENTAL ASSESSMENT – A formal Ministry of the Environment Process**

These studies are being conducted in accordance with the requirements of Phases 1 and 2 of the Municipal Class Environmental Assessment, which is an approved process under the Environmental Assessment Act.

The MPCEA process includes public and review agency consultation, an assessment of the problem and opportunities, an evaluation of alternative solutions, an assessment of potential effects on the environment, and identification of reasonable measures to mitigate the adverse effects. The preferred solution(s) will be determined based on engineering requirements, environmental considerations (natural, social, economic), public input and information gathered during the studies.

**ATTEND A PUBLIC CONSULTATION CENTRE – Help us plan for the future!**

Public consultation is a key component of the MPCEA process. We would like to invite you, your friends, and your neighbours to participate in the Public Consultation Centres (PCCs) to inform these studies. At the PCCs, you will be able to learn about our approach and our findings, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

For more information on the project and the dates for the upcoming PCCs, please visit <http://www.king.ca/WaterMasterPlans>, or contact the Project Team directly:

<b>Consultant</b>	<b>King Township</b>
Kevin Brown, P.Eng	John Vandenberg, C. Tech., EP
The Municipal Infrastructure Group Ltd. (TMIG)	King Township, Engineering and Public Works
8800 Dufferin Street, Suite 200 Vaughan, ON. L4K 0C5 Email: kbrown@tmig.ca Phone: (905) 738-5700 x247 Fax: (905) 738-0065	2075 King Rd, King City, ON. L7B 1A1 Email: jvandenberg@king.ca Phone: (905) 833-4059 Fax: (905) 833-2300

Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.





King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: [www.king.ca](http://www.king.ca)

March 13, 2014

**RE: Notice of Commencement of Class Environmental Assessment Study for King Township  
Water/Wastewater and Stormwater Master Plans**

The Township of King has initiated a Schedule B Class Environmental Assessment (Class EA) study for the Water/Wastewater and Stormwater Master Plans in the communities of King City, Nobleton and Schomberg. The Water/Wastewater Master Plan will also include the Ansnorveldt water distribution system. The Township has retained the services of The Municipal Infrastructure Group Ltd. to act on the Region's behalf to complete the work for this project.


Enclosed is the Notice of Commencement for the Class EA study for this project.

If your agency/office has any comments or input regarding this project, we invite you to complete and return the attached Response Form by **March 31, 2014**. If your agency/office has no comments or interest in this project, we would appreciate you advising us either by letter or by endorsing the space provided at the end of this letter by **March 31, 2014**. Comments and information regarding this project are being collected to assist King Township in arriving at the preferred solution and in meeting the requirements of the *Ontario Environmental Assessment Act*. Comments, input and information received will be used in accordance with the *Municipal Freedom of Information and Protection of Privacy Act*.

Should you have any questions, comments or require further information, please contact TMIG directly at [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca).

We thank you for your co-operation.

  
John Vandenberg, C.Tech., EP  
Township of King

  
Kevin Brown, P.Eng  
The Municipal Infrastructure Group Ltd.



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
**Reply to: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**

Name: \_\_\_\_\_  
Agency/Office: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**

8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
**Email: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

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This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Per

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Sunday, March 16, 2014 10:05 AM  
**To:** Kevin Brown  
**Subject:** King Water Master Plan

Hi : Please add me to your study and updates mailing list.

Thanks

[REDACTED]

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Friday, March 21, 2014 2:37 PM  
**To:** KingWaterMasterPlans  
**Subject:** RE: NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Kevin,

Please remove my name in your contact list and replace it with:

[REDACTED]  
[REDACTED]  
[REDACTED] 053

Thanks,

[REDACTED]

---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans  
**Sent:** March 21, 2014 1:57 PM  
**To:** KingWaterMasterPlans  
**Subject:** NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

Please find attached the Notice of Commencement for the King Water/Wastewater and Stormwater Master Plans.

Additional notices will be forwarded to you at the appropriate times.

Additional information will be available at [www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans).

Regards,

Kevin Brown

**The Municipal Infrastructure Group Ltd.**  
Project Manager  
Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)



KING TOWNSHIP PROJECT MANAGER	CONSULTANT PROJECT MANAGER	FACILITATION AND DECISION SUPPORT
<p><b>John Vandenberg, C.Tech., EP</b>  <b>Township of King</b>            2075 King Rd            King City, ON. L7B 1A1            E-Mail: <a href="mailto:jvandenberg@king.ca">jvandenberg@king.ca</a>            Phone: (905) 833-4059            Fax: (905) 833-2300</p>	<p><b>Kevin Brown, P.Eng.</b>  <b>The Municipal Infrastructure Group Ltd.</b>            8800 Dufferin Street, Suite 200            Vaughan, ON. L4K 0C5            E-Mail: <a href="mailto:kbrown@tmig.ca">kbrown@tmig.ca</a>            Phone: (905) 738-5700 x247            Fax: (905) 738-0065</p>	<p><b>Yulia Pak</b>  <b>Swerhun Inc.</b>            720 Bathurst Street, Suite 500B            Toronto, ON. M5S 2R4            E-Mail: <a href="mailto:ypak@swerhun.com">ypak@swerhun.com</a>            Phone: (416) 572 4365</p>

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Tuesday, March 25, 2014 12:02 PM  
**To:** KingWaterMasterPlans  
**Subject:** FW: Response Form for Seneca College  
**Attachments:** Scanned from a Xerox multifunction device.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Attention: Kevin Brown, P.Eng.

Please find attached the completed response form for Seneca College regarding the water/wastewater and stormwater master plans. Seneca College is very interested in supporting this process to ensure municipal sewage and water plans include and take into account the demands of Seneca College's King campus.

Regards,

[REDACTED]



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905 833 5321  
Fax: 905 833 2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**

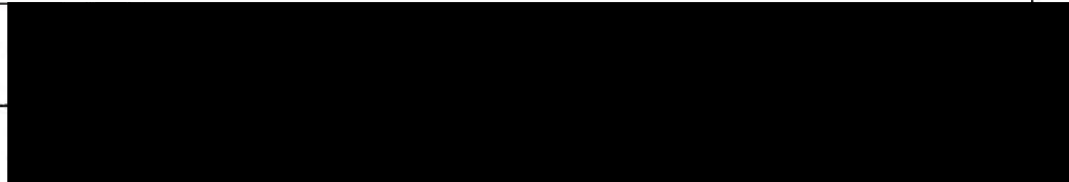
**Notice of Commencement - RESPONSE FORM**

**Reply to: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**

Name:

Agency/Office:

Address:



Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**

8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
**Email: [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)**  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

*We are interested in the following municipal infrastructure:*

- a) Sewage line up Keele St to Keele/15th sideroad intersection*
- b) Municipal water servicing along 15th sideroad.*
- c) Municipal water servicing along Dufferin to 15th Sideroad or north of 15th sideroad.*

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

*March 25, 2014*

Date



Per

## Kevin Brown

---

**From:** Kevin Brown  
**Sent:** Thursday, July 03, 2014 10:36 AM  
**To:** [REDACTED]  
**Cc:** KingWaterMasterPlans  
**Subject:** RE: Response Form for Seneca College

[REDACTED]

Thank you for your comment.

We will be reviewing the servicing alternatives which you have proposed.

The second Public Consultation Centre will be held in early October, at which point we will be presenting the preferred servicing alternatives.

Regards,

Kevin Brown

### The Municipal Infrastructure Group Ltd.

Project Manager

Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

King Township Water/Wastewater and Stormwater Master Plans Project Team		
		
<b>KING TOWNSHIP PROJECT MANAGER</b>	<b>CONSULTANT PROJECT MANAGER</b>	<b>FACILITATION AND DECISION SUPPORT</b>
<b>John Vandenberg, C.Tech., EP</b> Township of King 2075 King Rd King City, ON. L7B 1A1 E-Mail: <a href="mailto:jvandenberg@king.ca">jvandenberg@king.ca</a> Phone: (905) 833-4059 Fax: (905) 833-2300	<b>Kevin Brown, P.Eng.</b> The Municipal Infrastructure Group Ltd. 8800 Dufferin Street, Suite 200 Vaughan, ON. L4K 0C5 E-Mail: <a href="mailto:kbrown@tmig.ca">kbrown@tmig.ca</a> Phone: (905) 738-5700 x247 Fax: (905) 738-0065	<b>Yulia Pak</b> Swerhun Inc. 720 Bathurst Street, Suite 500B Toronto, ON. M5S 2R4 E-Mail: <a href="mailto:ypak@swerhun.com">ypak@swerhun.com</a> Phone: (416) 572 4365

-----Original Message-----

**From:** [REDACTED]  
**Sent:** Tuesday, March 25, 2014 12:02 PM  
**To:** KingWaterMasterPlans  
**Subject:** FW: Response Form for Seneca College

Attention: Kevin Brown, P.Eng.



Please find attached the completed response form for Seneca College regarding the water/wastewater and stormwater master plans. Seneca College is very interested in supporting this process to ensure municipal sewage and water plans include and take into account the demands of Seneca College's King campus.

Regards,

A large black rectangular redaction box covering the signature and name of the sender.

**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Thursday, March 27, 2014 11:13 AM  
**To:** KingWaterMasterPlans  
**Subject:** NoC King Township Water Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

The Ministry of Natural Resources cannot, at this time, determine if we would have any concerns with the subject EA. Please keep us informed of the EA as it progresses. **Electronic submissions are preferred.**

Thanks,

[REDACTED]

## Kevin Brown

---

**From:** [REDACTED]  
**Sent:** Thursday, March 27, 2014 1:55 PM  
**To:** John Vandenberg  
**Cc:** Kevin Brown; [REDACTED]  
**Subject:** MOE comments - Class EA for King Township Water, Wastewater and SWM Master Plans  
**Attachments:** TSS NoC Comment - King Water WW and SWM Master Plan.pdf

Mr. Vandenberg,

Please find attached a response from the Ministry of the Environment's Central Region office regarding the Notice of Commencement of the Class EA Study for the King Township Water, Wastewater and Stormwater Master Plans.

Should you have any questions, please contact the undersigned.

Best wishes,

[REDACTED]  
Environmental Resource Planner & EA Coordinator  
Ministry of the Environment  
Central Region, Technical Support Section  
5775 Yonge Street, 9th Fl  
Toronto, ON M2M 4J1  
[REDACTED]



**Ministry of the Environment**

Central Region  
Technical Support Section

5775 Yonge Street, 8<sup>th</sup> Floor  
North York, Ontario M2M 4J1

Tel.: (416) 326-6700  
Fax: (416) 325-6347

**Ministère de l'Environnement**

Région du Centre  
Section d'appui technique

5775, rue Yonge, 8<sup>ième</sup> étage  
North York, Ontario M2M 4J1

Tél. : (416) 326-6700  
Télééc. : (416) 325-6347

March 27, 2014

File No.: EA01-06-11

John Vandenberg, C. Tech., EP  
King Township, Engineering and Public Works  
2075 King Road  
King City, ON L7B 1A1

**RE: King Township Water/Wastewater and Stormwater Master Plans  
Township of King  
Class Environmental Assessment  
Response to Notice of Commencement**

Dear Mr. Vandenberg,

This letter is our response to the Notice of Study Commencement for the above noted project. This response acknowledges that the Township of King has indicated that its study is following the approved environmental planning process for a Master Plan project under the *Municipal Engineers Association Municipal Class Environmental Assessment (Class EA)*.

Based on the information submitted, we have identified the following areas of interest with respect to the proposed undertaking:

- Ecosystem Protection and Restoration
- Surface Water
- Groundwater
- Air Quality, Dust and Noise
- Servicing and Facilities
- Contaminated Soils
- Mitigation and Monitoring
- Planning and Policy
- Class EA Process
- Aboriginal Consultation

We are providing the following general comments to assist your team in effectively addressing these areas of interest:

**Ecosystem Protection and Restoration**

- Any impacts to ecosystem form and function must be avoided where possible. The Master Plan should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. Our records confirm that the following sensitive environmental features are located within or adjacent to the study area:
  - Areas of Natural and Scientific Interest (ANSIs)
  - Rare Species of flora or fauna
  - Watercourses
  - Wetlands

- Woodlots

We recommend consulting with the Ministry of Natural Resources (MNR), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional study will be necessary to preserve and protect these sensitive features.

### **Surface Water**

- The Master Plan must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's *Stormwater Management Planning and Design Manual (2003)* should be referenced in the Master Plan and utilized when designing stormwater control methods. We recommend that a Stormwater Management Plan should be prepared as part of the Class EA process that includes:
  - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
  - Watershed information, drainage conditions, and other relevant background information
  - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
  - Information on maintenance and monitoring commitments.

### **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the Master Plan.
- If the potential construction or decommissioning of water wells is identified as an issue, the Master Plan should refer to Ontario Regulation 903, Wells, under the *Ontario Water Resources Act*.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.

Any potential approval requirements for groundwater taking or discharge should be identified in the Master Plan. In particular, a Permit to Take Water (PTTW) under the *Ontario Water Resources Act* will be required for any water takings that exceed 50,000 litres per day.

## **Air Quality, Dust and Noise**

- Any potential air quality impacts should be assessed and used in the evaluation of alternatives for the proposed project. Appropriate mitigation measures of any potential effects should be identified.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.

## **Servicing and Facilities**

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's "D-Series" guidelines – *Land Use Compatibility* to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

## **Contaminated Soils**

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act (EPA)* and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. We recommend contacting the ministry's York Durham District Office in Ajax for further consultation if contaminated sites are present.
- The location of any underground storage tanks should be investigated in the Master Plan. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Any current or historical waste disposal sites should be identified in the Master Plan. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the *Environmental Protection Act* may be required for land uses on former disposal sites.
- The Master Plan should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

## **Mitigation and Monitoring**

- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- All waste generated during construction must be disposed of in accordance with ministry requirements.

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the Master Plan and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly. The proponent's construction and post-construction monitoring plans should be documented in the Master Plan.

## **Planning and Policy**

- Parts of the study area are subject to the *Oak Ridges Moraine Conservation Plan and Growth Plan for the Greater Golden Horseshoe*. The Master Plan should demonstrate how the proposed study adheres to the relevant policies in these plans.
- The 2005 Provincial Policy Statement contains policies that protect Ontario's natural heritage and water resources, including designated vulnerable areas mapped in source water protection assessment reports under the *Clean Water Act*. Applicable policies should be referenced in the Master Plan, and the proponent should demonstrate how this proposed project is consistent with these policies. Assessment reports can be found on the Conservation Ontario website at: [http://www.conservation-ontario.on.ca/source\\_protection/otherswpregionsindex.htm](http://www.conservation-ontario.on.ca/source_protection/otherswpregionsindex.htm).

## **Class EA Process**

- There are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act*, although the plan itself would not be.
- The Master Plan should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making. The Master Plan must also demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all public consultation efforts undertaken during the planning process. Additionally, the Master Plan should identify all concerns that were raised and how they have been addressed throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The Master Plan should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the Master Plan.
- Please include in the Master Plan a list of all subsequent permits or other approvals that may be required for the implementation of the preferred alternative, including Permits to Take Water, Environmental Compliance Approvals, approval under the *Canadian Environmental Assessment Act* (CEAA), and conservation authority permits.

- Please note that ministry guidelines and other information related to the issues noted above are available at [www.ene.gov.on.ca](http://www.ene.gov.on.ca) under the publications link. We encourage you to review all the available guides and to reference any relevant information in the Master Plan.

### **Aboriginal Consultation**

- The Crown has a duty to consult First Nation and Métis communities if there is a potential impact to Aboriginal or treaty rights. As the proponent of this project, you have a responsibility to conduct adequate consultation with First Nation and Métis communities as part of the environmental assessment process. The Crown is therefore, delegating the procedural aspects of consultation to you as outlined in the attached document.
- You must contact the Director, Environmental Approvals Branch if a project may adversely affect an Aboriginal or treaty right, or if a Part II Order is anticipated; the ministry will then determine whether the Crown has a duty to consult. Information and resources to assist you in fulfilling this requirement are provided as an attachment.

Thank you for the opportunity to comment on this project. A draft copy of the Master Plan should be sent to this office prior to the filing of the final draft, allowing approximately 30 days review time for the ministry's reviewers to provide comments. Please also forward our office the Notice of Completion and Master Plan when completed. Should your team have any questions regarding the above, please contact me at 416-326-3469.

Yours sincerely,

[REDACTED]

[REDACTED]

Environmental Resource Planner and EA Coordinator  
Air, Pesticides and Environmental Planning

- c. [REDACTED] York Durham District Office, MOE  
Central Region EA File  
A & P File



## ABORIGINAL CONSULTATION INFORMATION

### Interest-based consultation with First Nation and Métis Communities

Proponents subject to the *Environmental Assessment Act* are required to consult with interested First Nation and Métis communities in addition to consultation with interested persons. Special effort may be required to ensure that First Nation and Métis communities are made aware of the project and are afforded an opportunity to provide comments.

Proponents are required to contact the Ministry of Aboriginal Affairs (MAA) and Aboriginal Affairs and Northern Development Canada (AANDC) to help identify which First Nation and Métis communities may be impacted by your project. **It is important to ensure that MAA and AANDC are advised of any communities identified for consultation during previous stages of the project when making this request.** For more information in this regard, refer to the Aboriginal Information Resources web page of the Ministry of the Environment's internet site at:

<http://www.ene.gov.on.ca/en/eaab/aboriginal-resources.php>

You are advised to provide notification directly to all of the First Nation and Métis communities who may be interested in the project.

### Rights-based consultation with First Nation and Métis Communities

Proponents should also be aware that certain projects may affect the ability of a First Nation or Métis community to exercise their confirmed or asserted Aboriginal or treaty rights. In such cases, Ontario may have a duty to consult to ensure the protection of the potentially affected right. Activities which may restrict access to unoccupied Crown lands, or could result in a potential to impact to land or water resources, generally have the potential to impact Aboriginal or treaty rights. For assistance in determining whether your project could affect these rights, refer to the attached "Preliminary Assessment Checklist: First Nation and Métis Community Interest."

If there is an impact to Aboriginal or treaty rights, accommodation may be required to avoid or minimize the adverse impacts. Accommodation is an outcome of consultation and includes any mechanism used to avoid or minimize adverse impacts to Aboriginal or treaty rights and traditional uses. Solutions could include adjustments in the timing or geographic location of the proposed activity; accommodation does not necessarily require the provision of financial compensation.

The proponent must contact the Director, Environmental Approvals Branch if a project may **adversely affect an Aboriginal or treaty right**, or if a **Part II Order or an elevation request is anticipated**; the Ministry will then determine whether the Crown has a duty to consult.

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to [EAASIBgen@ontario.ca](mailto:EAASIBgen@ontario.ca) or by mail or fax at the address provided below:

<b>Email:</b>	<a href="mailto:EAASIBgen@ontario.ca">EAASIBgen@ontario.ca</a> Subject: Potential Duty to Consult
<b>Fax:</b>	416-314-8452
<b>Address:</b>	Environmental Approvals Branch 12A Flr 2 St Clair Ave W Toronto ON M4V1L5

## Delegation of Procedural Aspects of Consultation

Proponents, by virtue of their knowledge and participation in project activities, have an important and direct role in the consultation process to ensure both success and certainty. Where the Crown's duty to consult is triggered, **Ontario is delegating these procedural aspects of this rights-based consultation to you as the proponent of the project.**

Ontario will have an oversight role as the consultation process unfolds but will be relying on the steps undertaken and information you obtain to ensure adequate consultation has taken place. To ensure that First Nation and Métis communities have the ability to assess a project for its potential to impact on an Aboriginal or treaty right, there are certain procedural aspects of consultation that Ontario requires proponents to undertake.

The responsibilities of the proponent for procedural aspects of consultation include:

- Providing notice to the elected leadership of the First Nation and/or Métis communities (e.g., First Nation Chief) as early as possible regarding the project;
- Providing First Nation and/or Métis communities with information about the proposed project including anticipated impacts, information on timelines and your environmental assessment process;
- Following up with First Nation and/or Métis communities to ensure they received project information and that they are aware of the opportunity to express comments and concerns about the project; if you are unable to make the appropriate contacts (e.g. are unable to contact the Chief) please contact the Ministry of the Environment for further direction.
- Providing First Nation and/or Métis communities with opportunities to meet with appropriate representatives to discuss the project;
- Gathering information about how the project may adversely impact the Aboriginal and/or Treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns provided by First Nation and/or Métis communities and providing responses;
- Where appropriate, discussing potential mitigation strategies with First Nation and/or Métis communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation.
- Maintaining a Consultation Record and upon request, providing copies of the Consultation Record to Ontario. The Consultation Record should:
  - summarize the nature of any comments and questions received from First Nation and/or Métis communities
  - describe the response to comments and how concerns were considered
  - include a communications log indicating the dates and times of all communications; and
  - document activities in relation to consultation.

Successful consultation depends, in part, on early engagement by proponents with First Nation and Métis communities. Information shared with communities must be clear, accurate and complete, and in plain language where possible. The consultation process must maintain sufficient flexibility to

respond to new information, and we trust you will make all reasonable efforts to build positive relationships with all First Nation and Métis communities contacted.

**Preliminary Assessment Checklist: First Nation and Métis Community Interest**

Some main concerns of First Nation and Métis communities deal with/address rights for hunting, gathering, trapping, and fishing – these activities generally occur on Crown land or water bodies. As such, projects related to Crown land or water bodies, or changes to them, may be of concern.

Where you have identified that your project may trigger rights-based consultation through the following questions, a pre-consultation meeting with the ministry and proponent will provide an early opportunity to confirm whether Ontario’s duty to consult is triggered and to discuss roles and responsibilities in that event.

Please answer the following questions. A “yes” response will indicate a potential impact on Aboriginal or treaty rights.

	YES	NO
<p>1. Are you aware of concerns from First Nation and Métis communities about your project or a similar project in the area?</p> <p>The types of concerns can range from interested inquiries to environmental complaints, and even to land use concerns. You should consider whether the interest represents on-going, acute and/or widespread concern.</p>		
<p>2. Is your project occurring on Crown land, or is it close to a water body, or might it change access to either?</p>		
<p>3. Is the project located in an open or forested area where hunting or trapping could take place?</p>		
<p>4. Does the project involve the clearing of forested land?</p>		
<p>5. Is the project located away from developed, urban areas?</p>		
<p>6. Is your project close to, or adjacent to, an existing reserve?</p> <p>Projects in areas near reserves may be of interest to your First Nation and Métis community neighbours.</p>		
<p>7. Will the project affect First Nations and/or Métis right of access?</p>		
<p>8. Is the area subject to a land claim?</p> <p>Information about land claims filed in Ontario is available from the Ministry of Aboriginal Affairs; information about claims filed with the federal government is available from Aboriginal Affairs and Northern Development Canada.</p>		
<p>9. Does the project have potential to cause cumulative effects at the present time or over a long period of time (e.g. several small expansions of an urban area)?</p>		
<p>10. Does the project have the potential to impact any archaeological sites?</p>		

## Kevin Brown

---

**From:** [REDACTED]  
**Sent:** Wednesday, April 02, 2014 11:00 AM  
**To:** KingWaterMasterPlans  
**Subject:** King Township Water/Wastewater and Stormwater Mater Plans  
**Attachments:** King Water Master Plan EA.pdf; Criteria for Evaluating Archaeological Potential-MTC July 2011.pdf; Screening for Impacts to Built Heritage and Cultural Heritage Landscapes-MTC-Nov2010.pdf

**Project: King Township Water/Wastewater and Stormwater Mater Plans**  
**Location: Township of King**  
**MTCS File: 001047**

Dear Mr. Brown

On March 21, 2014 the Ministry of Tourism, Culture and Sport (MTCS) received a Notice of Commencement for the project mentioned above. MTCS's interest in this class EA project relates to its mandate of conserving, protecting and preserving Ontario's cultural heritage, including:

- archaeological resources,
- built heritage resources, and
- cultural heritage landscapes.

We apologize for the late reply. As requested we attach your completed Response Form.

MTCS would be interested in remaining on the circulation list and being informed of the project as it proceeds through the EA process. We would ask that you send future notices to Rosi Zirger Heritage Planner at the address below.

We recommend that the Master Planning study identify cultural heritage resources which may exist in the area(s) under study and propose means to protect and conserve any cultrual heritage resources that might be impacted by future improvements. For your information and future consideration attached are the following checklists used by MTCS:

**Archaeology:**

- MTCS's *Criteria for Evaluating Archaeological Potential*, which identifies characteristics of the property that indicate whether archaeological resources might be present and/or impacted. If any of the criteria are met, then an archaeological assessment by a licensed archaeologist will be necessary for the project. The licensed archaeologist will forward all completed archaeological assessment reports to the Ministry for review by an Archaeological Review Officer; and

**Built Heritage and Cultural Heritage Landscape:**

- *Checklist for Screening for Impacts to Built Heritage and Cultural Heritage Landscapes* which is used in order to determine the existing cultural conditions, and to help identify known and potential built heritage resources and cultural heritage landscapes. As part of the screening we suggest that the Municipal Clerk or Planning department be contacted to determine if there are any properties that have been listed or designated under the *Ontario Heritage Act*.

Regarding built heritage and cultural heritage landscapes, we further recommend consultation with established municipal heritage groups such as Municipal Heritage Committee.

MTCS's advice on any cultural heritage assessment work that may be indicated will be based on the information provided in the completed checklist as well as any additional relevant information, including photographs and site plans.

We hope that you will find this information helpful. We look forward to the opportunity to review the results of the environmental assessment.

If you have any questions or concerns please feel free to contact me.

Sincerely

[Redacted]

Heritage Planner

Ministry of Tourism, Culture & Sport

Culture Division | Programs & Services Branch | Culture Services Unit

401 Bay Street, Suite 1700 Toronto, Ontario M7A 0A7

[Redacted]



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
Reply to: KingWaterMasterPlans@tmig.ca

Name: [REDACTED] HERITAGE PLANNER  
Agency/Office: MINISTRY OF TOURISM, CULTURE & SPORT (CULTURE SERVICES)  
Address: 401 BAY STREET, SUITE 1700  
TORONTO, ON M7A 0A7

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
Email: KingWaterMasterPlans@tmig.ca  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

MTCS'S INTEREST IN THIS PROJECT IS CULTURAL HERITAGE RESOURCES:  
• ARCHAEOLOGICAL RESOURCES  
• BUILT HERITAGE RESOURCES  
• CULTURAL HERITAGE LANDSCAPES

PLEASE FIND SCREENING CHECKLISTS ATTACHED.

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

April 2, 2014  
Date



“Archaeological potential” is a term used to describe the likelihood that a property contains archaeological resources. This checklist is intended to assist non-specialists screening for the archaeological potential of a property where site alteration is proposed.

Note: for projects seeking a Renewable Energy Approval under Ontario Regulation 359/09, the Ministry of Tourism and Culture has developed a separate checklist to address the requirements of that regulation.

Project Name
Project Location
Proponent Name
Proponent Contact Information

Known Archaeological Sites	Yes	Unknown	No
1. Known archaeological sites within 300 m of property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Known Archaeological Sites	Yes	Unknown	No
2. Body of water within 300 m of property If yes, what kind of water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) Primary water source (lake, river, large creek, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Secondary water source (stream, spring, marsh, swamp, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Past water source (beach ridge, river bed, relic creek, ancient shoreline, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topographical features on property (knolls, drumlins, eskers, or plateaus)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pockets of sandy soil (50 m <sup>2</sup> or larger) in a clay or rocky area on property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Distinctive land formations on property (mounds, caverns, waterfalls, peninsulas, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Features	Yes	Unknown	No
6. Known burial site or cemetery on or adjacent to the property (cemetery is registered with the Cemeteries Regulation Unit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Food or scarce resource harvest areas on property (traditional fishing locations, agricultural/berry extraction areas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Indications of early Euro-Canadian settlement within 300 m of property (monuments, cemeteries, structures, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Early historic transportation routes within 100 m of property (historic road, trail, portage, rail corridor, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property-specific Information	Yes	Unknown	No
10. Property is designated and/or listed under the <i>Ontario Heritage Act</i> (municipal register and lands described in Reg. 875 of the <i>Ontario Heritage Act</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Local knowledge of archaeological potential of property (from aboriginal communities, heritage organisations, municipal heritage committees, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Recent deep ground disturbance <sup>†</sup> (post-1960, widespread and deep land alterations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>†</sup> Archaeological potential can be determined not to be present for either the entire property or a part(s) of it when the area under consideration has been subject to widespread and deep land alterations that have severely damaged the integrity of any archaeological resources. Deep disturbance may include quarrying or major underground infrastructure development. Activities such as agricultural cultivation, gardening, minor grading and landscaping are not necessarily considered deep disturbance. Alterations can be considered to be extensive or widespread when they have affected a large area, usually defined as the majority of a property.

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**Scoring the results:**

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If **Yes** to **any** of **1, 2a, 2b, 2c, 6, 10, or 11** → high archaeological potential – assessment is required

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If **Yes** to **two or more** of **3, 4, 5, 7, 8, or 9** → high archaeological potential – assessment is required

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If **Yes** to **12** or **No** to all of **1 - 10** → **low** archaeological potential – assessment is not required

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If 3 or more **Unknown** → an archaeological assessment is required (see note below)

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† **Note:** If information requested in this checklist is unknown, a consultant archaeologist licensed under the *Ontario Heritage Act* should be retained to carry out at least a Stage 1 archaeological assessment to further explore the archaeological potential of the property and to prepare a report on the results of that assessment. The Ministry of Tourism and Culture reviews all such reports prepared by consultant archaeologists against the ministry's Standards and Guidelines for Consultant Archaeologists. Once the ministry is satisfied that, based on the available information, the report has been prepared in accordance with those guidelines, the ministry issues an acceptance letter to the consultant archaeologist and places the report into its registry where it is available for public inspection.



### Screening for Impacts to Built Heritage and Cultural Heritage Landscapes

This checklist is intended to help proponents determine whether their project could affect known or potential cultural heritage resources. The completed checklist should be returned to the appropriate Heritage Planner or Heritage Advisor at the Ministry of Tourism and Culture.

#### Step 1 – Screening for Recognized Cultural Heritage Value

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Is the subject property designated or adjacent* to a property designated under the <i>Ontario Heritage Act</i> ?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property listed on the municipal heritage register or a provincial register/list? (e.g. Ontario Heritage Bridge List)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property within or adjacent to a Heritage Conservation District?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Does the subject property have an Ontario Heritage Trust easement or is it adjacent to such a property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Is there a provincial or federal plaque on or near the subject property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property a National Historic Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property recognized or valued by an Aboriginal community?

#### Step 2 – Screening Potential Resources

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Built heritage resources</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Does the subject property or an adjacent property contain any buildings or structures <b>over forty years old<sup>†</sup></b> that are:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Residential structures (e.g. house, apartment building, shanty or trap line shelter)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Farm buildings (e.g. barns, outbuildings, silos, windmills)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Industrial, commercial or institutional buildings (e.g. a factory, school, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Engineering works (e.g. bridges, water or communications towers, roads, water/sewer systems, dams, earthworks, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Monuments or Landmark Features (e.g. cairns, statues, obelisks, fountains, reflecting pools, retaining walls, boundary or claim markers, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property or an adjacent property associated with a known architect or builder?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property or an adjacent property associated with a person or event of historic interest?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. When the municipal heritage planner was contacted regarding potential cultural heritage value of the subject property, did they express interest or concern?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Cultural heritage landscapes</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Does the subject property contain landscape features such as:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Burial sites and/or cemeteries
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Parks or gardens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Quarries, mining, industrial or farming operations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Canals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Prominent natural features that could have special value to people (such as waterfalls, rocky outcrops, large specimen trees, caves, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Evidence of other human-made alterations to the natural landscape (such as trails, boundary or way-finding markers, mounds, earthworks, cultivation, non-native species, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property within a Canadian Heritage River watershed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property near the Rideau Canal Corridor UNESCO World Heritage Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Is there any evidence from documentary sources (e.g., local histories, a local recognition program, research studies, previous heritage impact assessment reports, etc.) or local knowledge or Aboriginal oral history, associating the subject property/ area with historic events, activities or persons?

**Note:**

If the answer is "yes" to any question in Step 1, proceed to Step 3.

The following resources can assist in answering questions in Step 1:

**Municipal Clerk or Planning Department** – Information on properties designated under the Ontario Heritage Act (individual properties or Heritage Conservation Districts) and properties listed on a Municipal Heritage register.

**Ontario Heritage Trust** – Contact the OHT directly regarding easement properties. A list of OHT plaques can be found on the website: [Ontario Heritage Trust](#)

**Parks Canada** – A list of National Historic Sites can be found on the website: [Parks Canada](#)

**Ministry of Tourism and Culture** – The Ontario Heritage Properties Database includes close to 8000 identified heritage properties. Note while this database is a valuable resource, it has not been updated since 2005, and therefore is not comprehensive or exhaustive. [Ontario Heritage Properties Database](#)

**Local or Provincial archives**

**Local heritage organizations**, such as the municipal heritage committee, historical society, local branch of the Architectural Conservancy of Ontario, etc.

Consideration should also be given to obtaining oral evidence of CHRs. For example, in many Aboriginal communities, an important means of maintaining knowledge of cultural heritage resources is through oral tradition.

If the answer is "yes" to any question in Step 2, an evaluation of cultural heritage value is required. If cultural heritage resources are identified, proceed to Step 3.

If the answer to any question in Step 1 or to questions 2-4, 6-8 in Step 2, is "unknown", further research is required.

If the answer is "yes" to any of the questions in Step 3, a heritage impact assessment is required.

If uncertainty exists at any point, the services of a qualified person should be retained to assist in completing this checklist. All cultural heritage evaluation reports and heritage impact assessment reports must be prepared by a qualified person. Qualified persons means individuals (professional engineers, architects, archaeologists, etc.) having relevant, recent experience in the identification and conservation of cultural heritage resources. Appropriate evaluation involves gathering and recording information about the property sufficient to understand and substantiate its heritage value; determining cultural heritage value or interest based on the advice of qualified persons and with appropriate community input. If the property meets the criteria in Ontario Regulation 9/06 under the Ontario Heritage Act, it is a cultural heritage resource.

<sup>†</sup> The 40 year old threshold is an indicator of potential when conducting a preliminary survey for identification of cultural heritage resources. While the presence of a built feature that is 40 or more years old does not automatically signify cultural heritage value, it does make it more likely that the property could have cultural heritage value or interest. Similarly, if all the built features on a property are less than 40 years old, this does not automatically mean the property has no cultural heritage value. Note that age is not a criterion for designation under the *Ontario Heritage Act*.

Step 3 – Screening for Potential Impacts		
<b>YES</b>	<b>NO</b>	<b>Will the proposed undertaking/project involve or result in any of the following potential impacts to the subject property or an adjacent* property?</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Destruction, removal or relocation</b> of any, or part of any, heritage attribute or feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Alteration</b> (which means a change in any manner and includes restoration, renovation, repair or disturbance).
<input type="checkbox"/>	<input type="checkbox"/>	<b>Shadows</b> created that alter the appearance of a heritage attribute or change the exposure or visibility of a natural feature or plantings, such as a garden.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Isolation</b> of a heritage attribute from its surrounding environment, context or a significant relationship.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Direct or indirect obstruction</b> of significant views or vistas from, within, or to a built or natural heritage feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>A change in land use</b> such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Soil disturbance</b> such as a change in grade, or an alteration of the drainage pattern, or excavation, etc.

\* For the purposes of evaluating potential impacts of development and site alteration "adjacent" means: contiguous properties as well as properties that are separated from a heritage property by narrow strip of land used as a public or private road, highway, street, lane, trail, right-of way, walkway, green space, park, and/or easement or as otherwise defined in the municipal official plan.

## Yulia Pak

---

**From:** Kevin Brown <kbrown@tmig.ca>  
**Sent:** Friday, May 16, 2014 9:57 AM  
**To:** Yulia Pak  
**Cc:** John Vandenberg  
**Subject:** King Twp Voicemail Messge:

Yulia:

I received the following VM yesterday. Pleas add it to the Communications Log:

**From:** [REDACTED]  
**Date:** May 15, 2014  
**Via:** Phone Message (416-427-7265)  
**Comment/Question:** Caller lives near the intersection of Weston Road and Aurora Sideroad. Currently has a septic system. Wants to know if there are plans to connect that area to the municipal sewer system.

Thanks,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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**NOTICE OF PUBLIC CONSULTATION CENTRE**  
**KING TOWNSHIP WATER/WASTEWATER**  
**AND STORMWATER MASTER PLANS**



**INTRODUCTION – *What are these Master Plans all about?***

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

**PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!***

Public consultation is a key component of the Master Plan process. We would like to invite you, your friends, and your neighbours to participate in the upcoming Public Consultation Centre to inform these studies. At the PCC, you will be able to learn about our approach, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

The first PCC has been scheduled for:

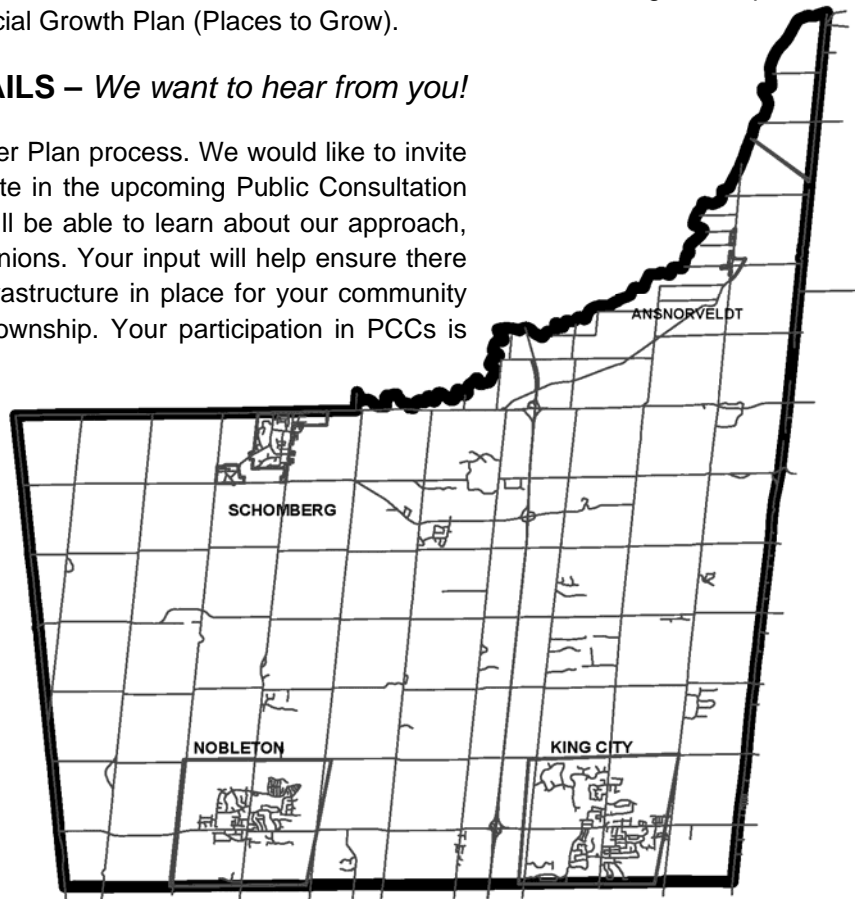
**Date:** Tuesday, May 13, 2014

**Time:** 6:30 to 8:30 p.m.

**Location:** Township of King Municipal Office  
Council Chamber

**Address:** 2075 King Road, King City

Public comment obtained at the PCC will be incorporated into the next phase of the Study, which is the selection of the preferred solutions for water servicing, wastewater servicing, and stormwater management.



Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.

**WATER/WASTEWATER AND STORMWATER  
MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**PUBLIC CONSULTATION CENTRE # 1**

**Tuesday, May 13, 2014**

**PROJECT CONTACTS:**

**Mr. John Vandenberg, C.Tech., EP**  
**King Township, Engineering and Public Works**  
2075 King Rd.  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300  
Email: [jvandenberg@king.ca](mailto:jvandenberg@king.ca)

**Mr. Kevin Brown, P.Eng.**  
**Consultant Project Manager**  
**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700 Ext. 247  
Fax: (905) 738-0065  
Email: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)

In association with:

**Urban Strategies Inc:** Urbanization Study  
**Savanta Inc:** Aquatic and Terrestrial Habitat Review  
**Swerhun Inc:** Communications Facilitation

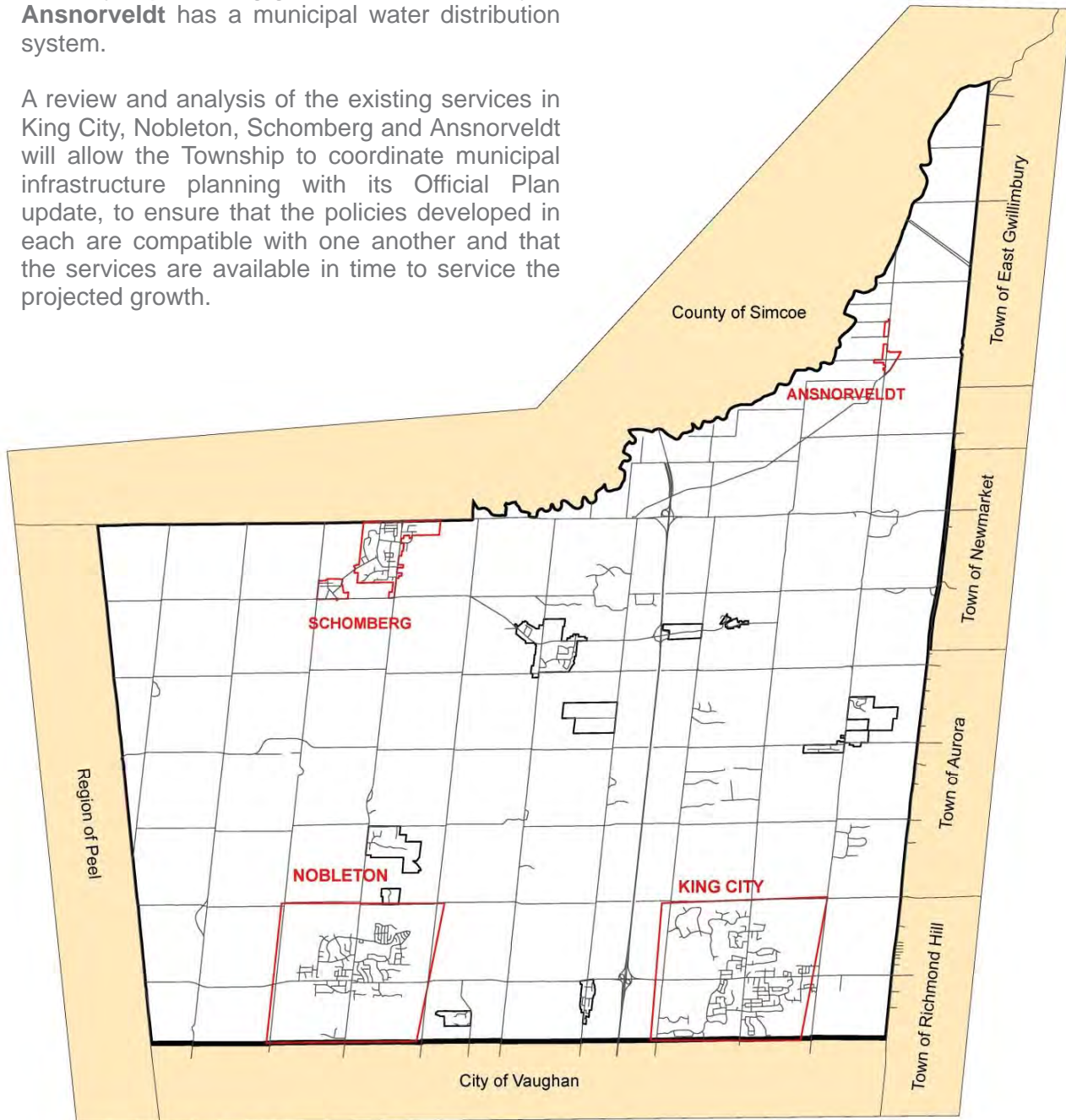
**PROJECT INFORMATION:**

**Project Website:**  
[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

**Project E-Mail:**  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

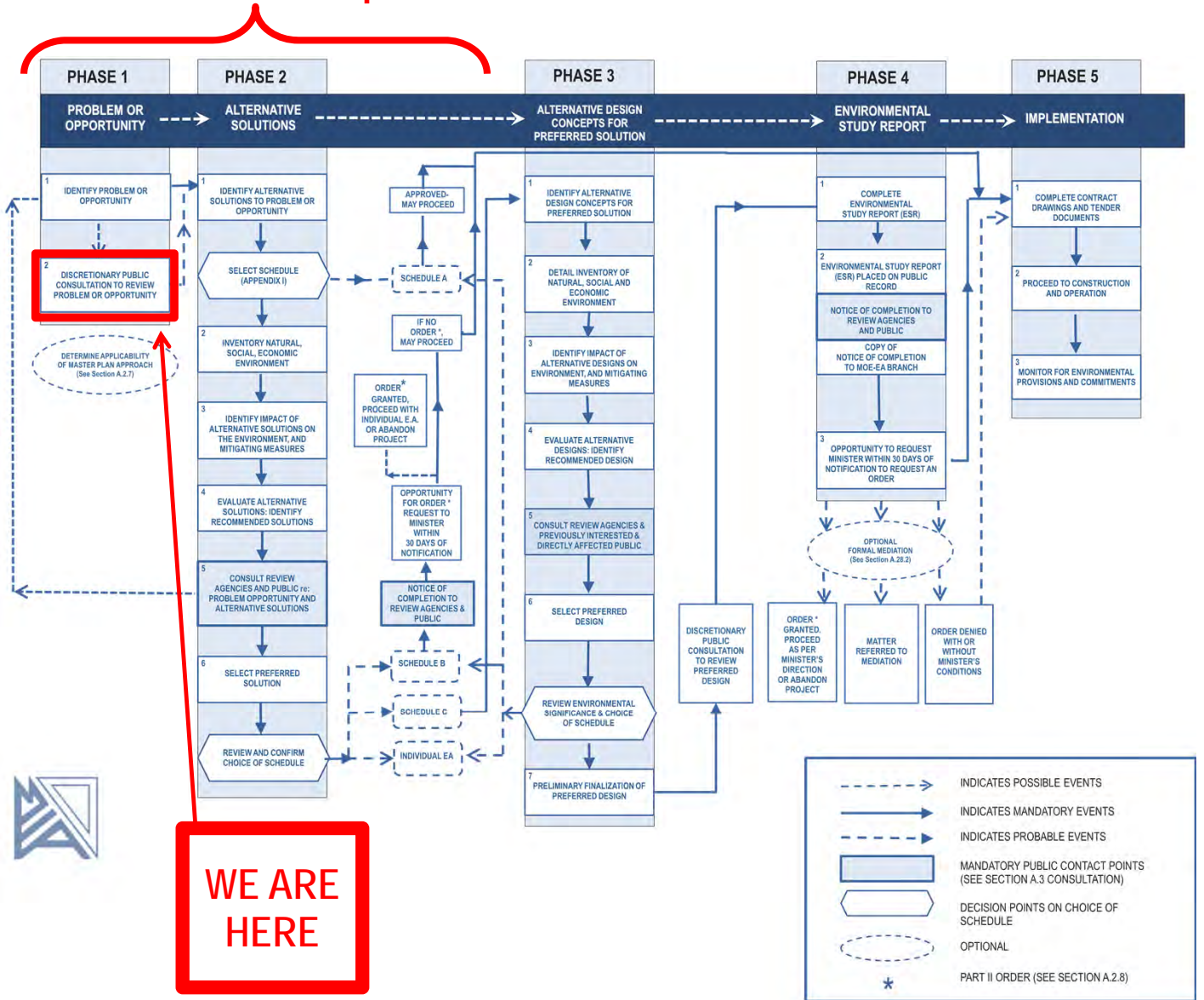
A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.



## Municipal Class Environmental Assessment

King Township retained The Municipal Infrastructure Group Ltd. to complete this Study in accordance with the Municipal Class Environmental Assessment process. This Master Plan is considered a Schedule 'B' Project, encompassing Phases 1 and 2 of the Municipal Class EA process.

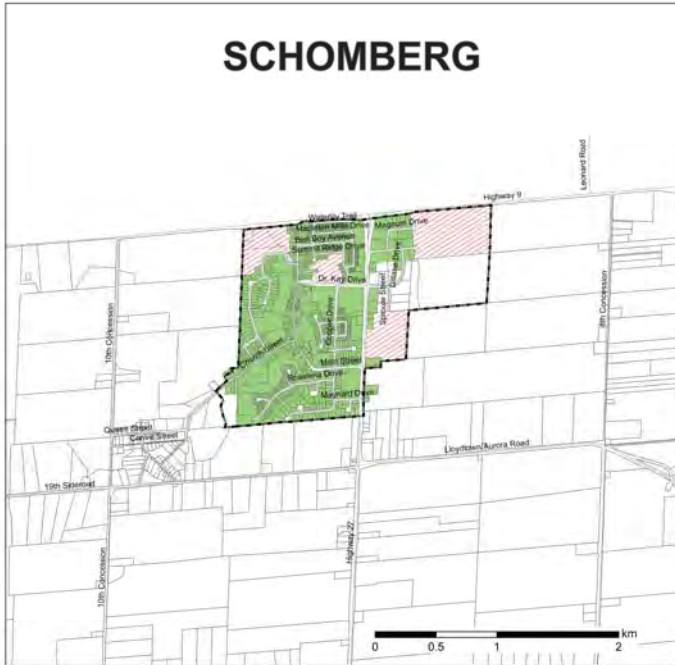
### Master Plan Scope



The Province has identified that the Greater Golden Horseshoe is growing, and the Region of York has forecasted that the population in King Township is to increase from 21,000 to 34,500 by 2031.

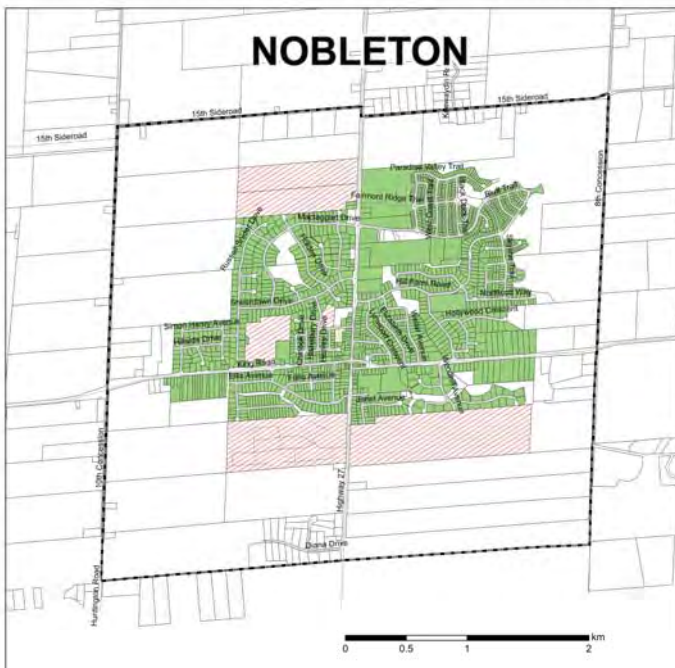
The growth within King Township is predominantly directed to the three villages of King City, Nobleton and Schomberg.

Growth will have two distinct 'forms': *New greenfield development* on lands previously designated in the local Community Plans, and *Intensification* of existing built-up areas to accommodate a greater population density to make better use of existing infrastructure.



**Legend**

- Parcel\_All
- Planning Status**
- Existing
- Designated External Service Area
- Approved
- Designated
- Community Boundary





## Problem Statement / Study Background

Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

These studies will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

 <p>Provide a framework to assist in the Township in <b>evaluating land development proposals</b></p>		<p>Provide input and coordination with Township initiatives to update the Official Plan and <b>identify areas within the Township that require servicing</b>;</p> <p>Plan and coordinate construction activities to <b>minimize costs and disruptions</b></p>
 <p>Provide input and <b>coordination with Regional Municipality of York Master Plan Updates</b></p>		 <p>Provide <b>technical guidance for Engineering Design Criteria and Standards, and Township servicing policies</b></p>
 <p>Provide input and coordination with the <b>Development Charge Bylaw</b> Background studies both at Township and Regional level</p>	 <p><b>Integration of sustainability themes</b> including water conservation, inflow/infiltration reduction, Low Impact Development techniques for Stormwater Management</p>	 <p>Ensure that servicing requirements address the best interests of the entire community, and that <b>the needs of future development are integrated</b>, where possible</p>

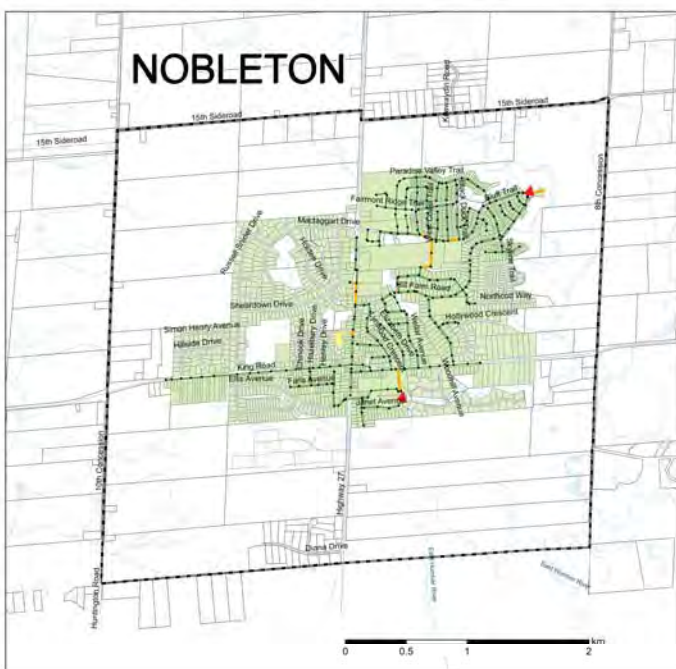
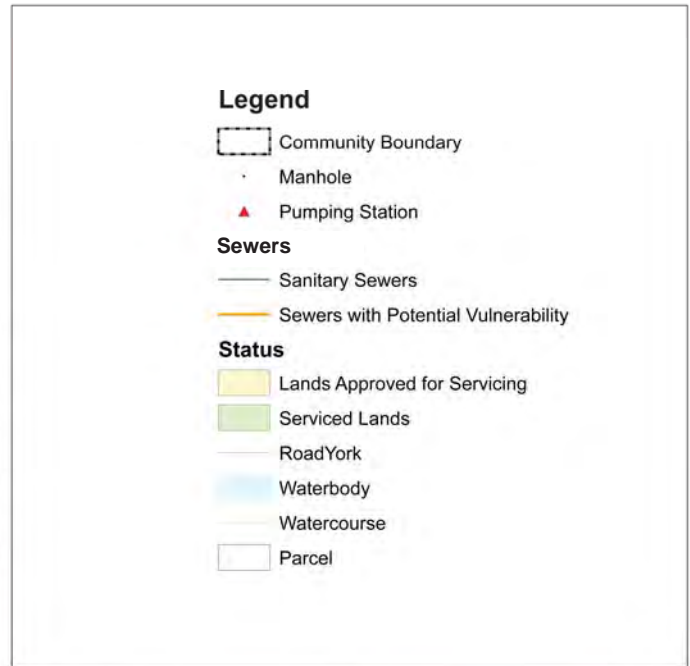
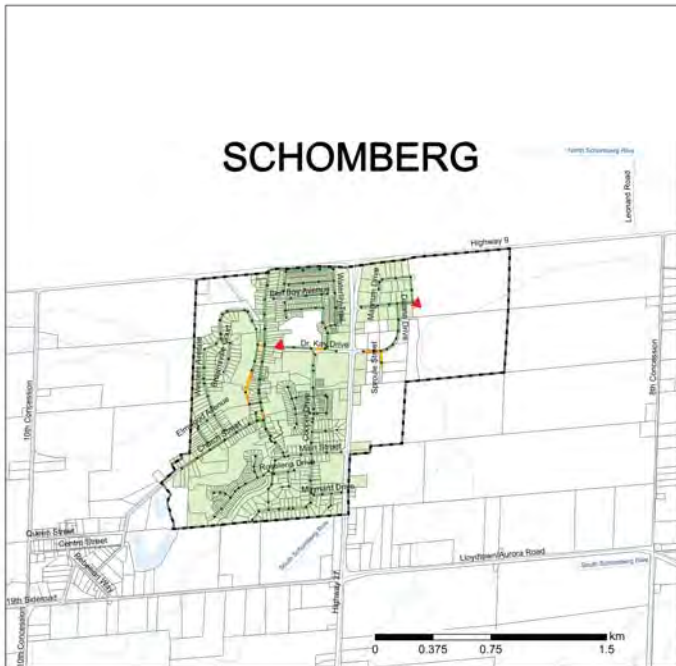
These images identify where the initial assessment of the Township's water models indicate locations within the existing water distribution systems that could become adversely impacted by additional development within the individual communities.

Subsequent phases of the Master Planning process will identify alternative solutions aimed at meeting the mandated growth targets for the Township, while not affecting the level-of-service to existing serviced areas.

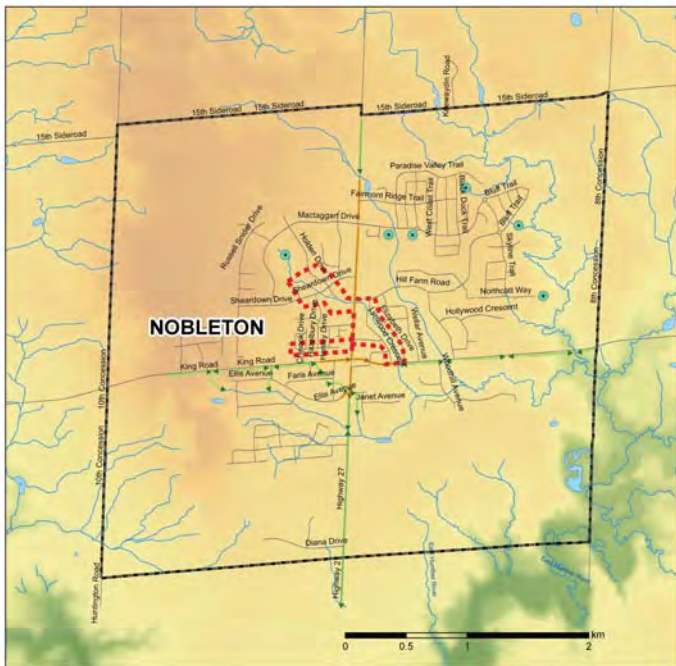
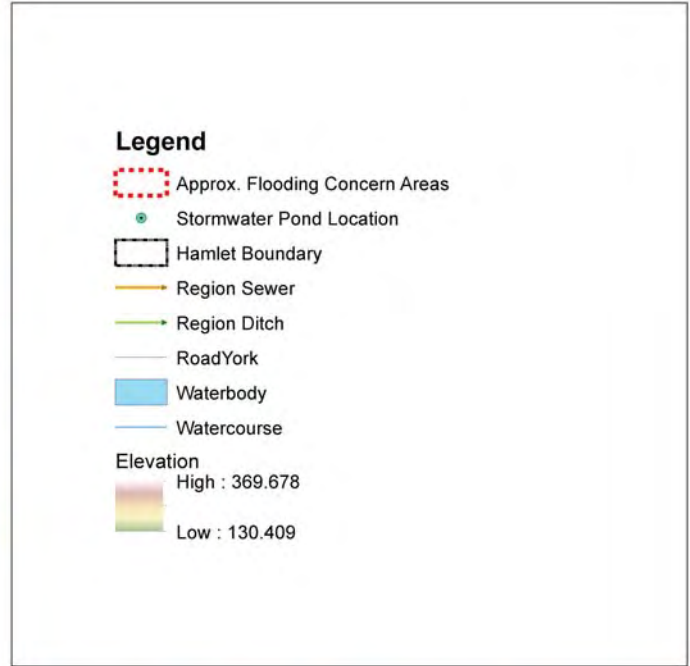
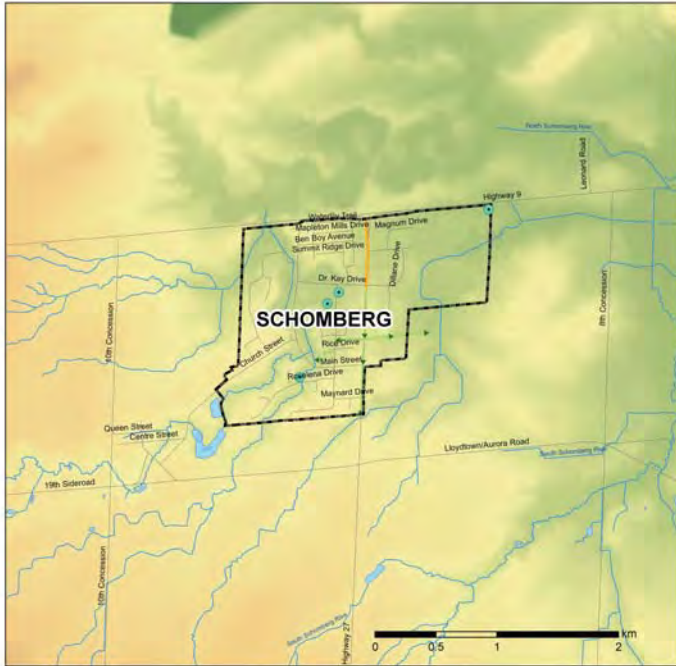


As part of the Master Planning process, wastewater models were developed to assist the Township in assessing the design flows throughout the system as detailed development submissions are submitted.

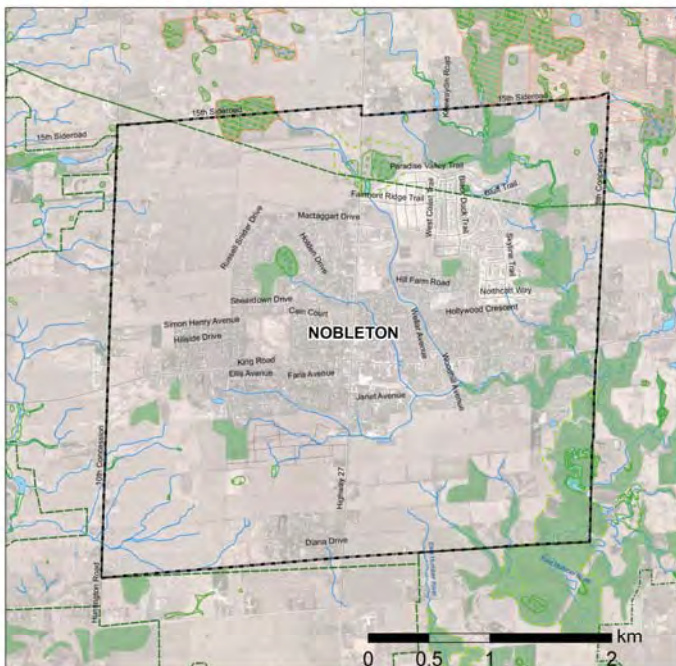
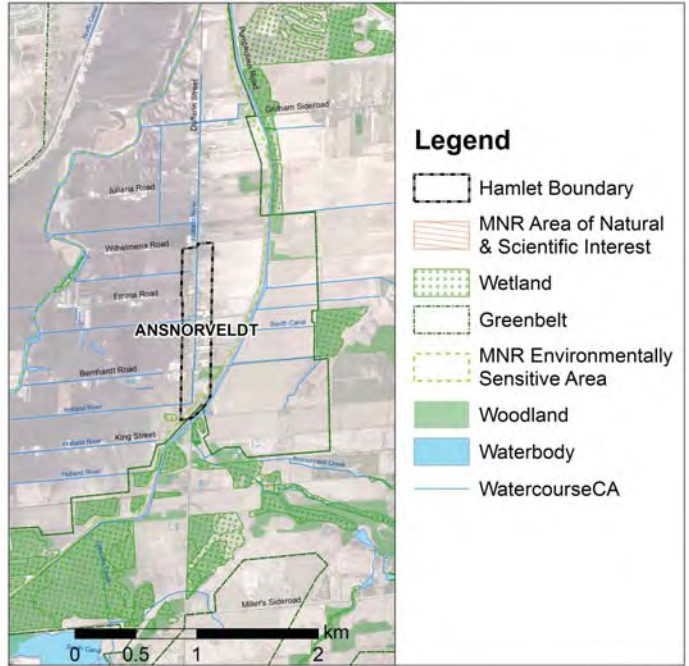
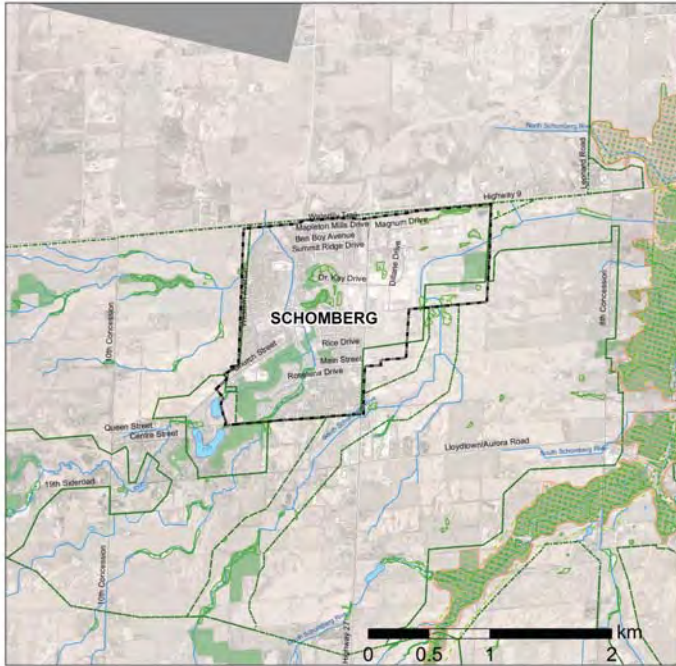
These images identify where the initial assessment of the Township's wastewater models indicate locations within the existing wastewater collection systems that could become vulnerable to surcharging as a result of future growth. These locations will be reviewed throughout the Master Plan process to ensure that the level-of-service is not adversely impacted by the mandated growth.



- Existing drainage systems (ditches, storm sewers, stormwater management ponds) are being inventoried.
- Capacity analyses will be undertaken to determine / confirm the location and severity of 'bottlenecks' in the drainage systems
- The study will eventually recommend improvements to existing storm drainage infrastructure as well as criteria for new and re-development to improve stormwater quality and quantity



These images identify the elements of the Natural Environment (Aquatic and Terrestrial Features) that should be considered when identifying the preferred water, wastewater and stormwater servicing solutions. Where the preferred servicing solutions could potentially adversely affect elements of the Natural Environment, mitigative measures will be identified as to minimise that potential adverse impact..



## Official Plan Review Project



King is undertaking an Official Plan Review to:

- (i) develop a new, overarching parent Official Plan, and
- (ii) complete Provincial plan conformity exercises to incorporate the Greenbelt Plan, the Growth Plan, the Lake Simcoe Protection Plan, and Source Protection Plans into the Township's official plan documents.

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.

## Urbanization Study



In conjunction with the Water/Wastewater and Stormwater Master Plans, TMIG and Urban Strategies Inc are concurrently undertaking an Urbanization Study.

This supplementary Study will identify the design criteria for elements within the existing rights-of-way to support anticipated development goals as defined by the Township.

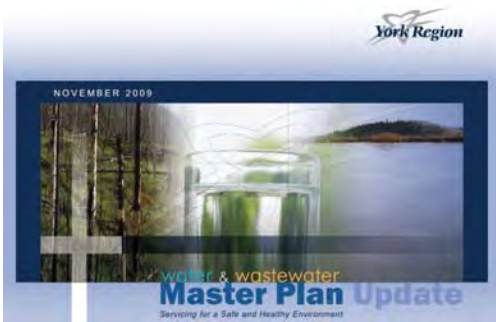
## Transportation Master Plan



The Township of King has also initiated a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

## York Region Water/Wastewater Master Plan Update (2014)



The Region is starting the process of updating their Water and Wastewater Master Plan, which was last updated in 2009.

As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's treatment plants, it is important that the Township and the Region share a common understanding of how water demands and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.

# The Township of King Urbanization Study

## Urbanization Study

Supplementary to the Environmental Assessment process, the Urbanization Study provides additional information and support for the Water, Wastewater and Stormwater Master Plan. The urbanization study will identify the design criteria for elements within the existing street rights-of-way to support anticipated development goals as defined by the Township.

The revitalization and urbanization of the core areas of King City, Nobleton and Schomberg is a priority for the Township. The revitalization of these areas will help preserve and promote a quality of life and identity for which the Township is known. The core areas can reinforce a small community feeling providing a range of uses, housing choices and gathering places that can be easily accessed by transit, walking and other forms of active transportation. Encouraging such renewal and urbanization can also support the Township's tax base and will help the Township meet the Region's Growth Plan intensification targets. Overall, urbanized villages such as these are the very model of sustainable communities - socially, financially, and environmentally.

The design of key streets within these communities, such as Keele Street, King Road (Highway 11), Highway 27, and Main Street in Schomberg, will play an important role in promoting and supporting this urbanization. Confirming a consistent vision for these and other streets will provide input to both infrastructure and public realm investment as these streets are both the setting for urbanization, and contain the critical utilities to support anticipated densities, land uses and movement patterns. The urbanization portion of this study will identify the design criteria for elements within the existing street rights-of-way today to support anticipated development and street reconstruction goals in the future.

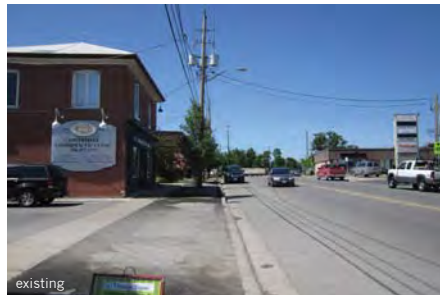
Our primary objectives for the Urbanization Study are threefold: 1) confirm the general extent of areas which may be considered for urbanization; 2) within these areas identify the visions for key streets and rights-of-way; and, 3) draft recommendations for the range of elements to be included in each right-of-way including their general location and design.

## Complete Streets

A complete street, often also referred to as context sensitive design, involves establishing a vision for a street that addresses, movement, land use, development form and the design of the public realm in a holistic manner, as opposed to designing streets for the sole purpose of moving vehicles. The following are a selection of precedent examples of how commercial and residential streets may be intensified and transformed into complete streets. Our next step is to confirm a vision for key streets within the urbanization areas and to illustrate their potential.



Pelham Rd, Pelham - Niagara Complete Streets Project



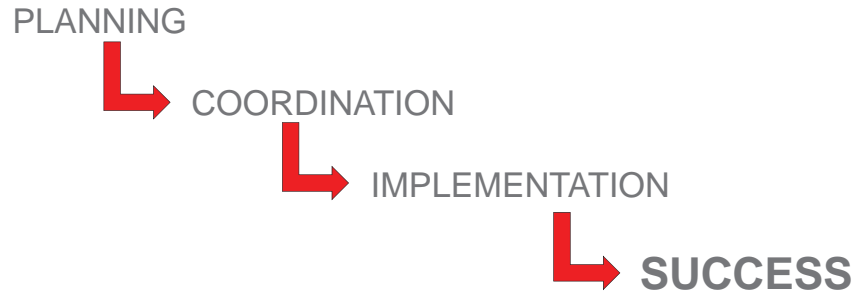

Griffin St. North, Smithville - Niagara Complete Streets Project



Queenston St, St. Catharines - Niagara Complete Streets Project

Thank you for participating in this evening's session!

Master Plans lead to successful implementation of infrastructure projects:

Please **complete a Comment Form** (by May 31<sup>st</sup>). Let us know of any servicing problems you have experienced, or any concerns that you have.



The Project Team will establish evaluation criteria, considering the **natural, social, and economic environment**, as well as the **technical criteria**.



The Project Team will **identify and evaluate alternative servicing solutions**, and present the preferred alternative at the 2<sup>nd</sup> Consultation Centre in Fall 2014

Project Timeline:





①

May 13, 2014

King Township

# Please sign in with your contact details

First Name	Last Name	Property / Affiliation (if any)	Mailing Address	Phone Number & Email
[REDACTED]	[REDACTED]	RESIDENT (KING CITY)	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	HEAD COUNTRY DAY SCHOOL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	-	-	[REDACTED]
[REDACTED]	[REDACTED]	Res.	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	FARM	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	RURAL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	KING RESIDENT	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	"	[REDACTED]	[REDACTED]



# Water/Wastewater and Stormwater Master Plans



## COMMENT FORM



May 13 2014– Public Consultation Centre  
Township of King Municipal Office, 2075 King Road, King City ON

We are interested in hearing any comments you may have associated with this project. Thank you for clearly writing your comments in the space provided below.


This material will be maintained on file for use during the project and may be included in project documentation. Information collected will be used in accordance with the Freedom of Information and Privacy Act. With the exception of personal information, all comments will become part of the public record.

Please submit your written comments before leaving the PCC. If you require more time to comment, please mail/fax in the comment sheet by May 31, 2014 to:

Mr. Kevin Brown, P.Eng  
Consultant Project Manager  
TMIG | The Municipal Infrastructure Group Ltd.  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700  
Fax: (905) 738-0065

Mr. John Vandenberg, C. Tech., EP  
Project Manager  
King Township, Engineering and Public Works  
2075 King Road  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300

**Project Website:** [www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)  
**Project Email:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

**PLEASE CLEARLY PRINT YOUR NAME AND CONTACT INFORMATION BELOW:**  
(personal information will not become part of the public record)

Name	<input type="text"/>	Organization	<input type="text"/>
Street	<input type="text"/>	Telephone	<input type="text"/>
City/Town	<input type="text"/>	Fax	<input type="text"/>
Postal Code	<input type="text"/>	Email	<input type="text"/>

**Yulia Pak**

---

**Subject:** FW: Public consultation centre tonight

-----Original Message-----

From: [REDACTED]

Sent: Tuesday, May 13, 2014 1:33 PM

To: KingWaterMasterPlans

Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

[REDACTED]

## Yulia Pak

---

**From:** Kevin Brown <kbrown@tmig.ca> on behalf of KingWaterMasterPlans <KingWaterMasterPlans@tmig.ca>  
**Sent:** Tuesday, May 13, 2014 2:57 PM  
**To:** [REDACTED] KingWaterMasterPlans  
**Cc:** John Vandenberg; Yulia Pak  
**Subject:** RE: Public consultation centre tonight

Hi [REDACTED]

Thank you for your suggestions. We agree with all them. We are considering that approach for the second PCC this fall, where we will be presenting the alternative solutions that will be evaluated further.

There are many different ways of having a Public Consultation in the Class EA process. Given that the purpose of tonight's Consultation is to introduce the project, the purpose of the study and the intended objectives, we felt that the Open House format would be appropriate. This format allows people to drop in and out over the course of the evening, according to whatever suits their schedules.

There will be staff present (Township and Consultant) to answer any questions individually, discuss any matters of interest pertaining to the project, and to assist in interpreting the presented materials, if necessary.

If you have additional suggestions or questions regarding the process, please feel free to connect with me or the project facilitator (Yulia Pak) at the meeting today or anytime via e-mail or by phone.

I look forward to seeing you at the meeting tonight,

-Kevin

Kevin Brown

### **The Municipal Infrastructure Group Ltd.**

Project Manager

Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

### **King Township Water/Wastewater and Stormwater Master Plans Project Team**



**KING TOWNSHIP  
PROJECT MANAGER**

**John Vandenberg, C.Tech.,  
EP  
Township of King  
2075 King Rd**



**CONSULTANT  
PROJECT MANAGER**

**Kevin Brown, P.Eng.  
The Municipal Infrastructure Group  
Ltd.  
8800 Dufferin Street, Suite 200**



**FACILITATION AND  
DECISION SUPPORT**

**Yulia Pak  
Swerhun Inc.  
720 Bathurst Street, Suite 500B  
Toronto, ON. M5S 2R4**

King City, ON. L7B 1A1  
E-Mail: [jvandenber@king.ca](mailto:jvandenber@king.ca)  
Phone: (905) 833-4059  
Fax: (905) 833-2300

Vaughan, ON. L4K 0C5  
E-Mail: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

E-Mail: [ypak@swerhun.com](mailto:ypak@swerhun.com)  
Phone: (416) 572 4365

-----Original Message-----

From: [REDACTED]  
Sent: Tuesday, May 13, 2014 1:33 PM  
To: KingWaterMasterPlans  
Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

[REDACTED]

## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Wednesday, May 14, 2014 3:47 PM  
**To:** Yulia Pak; kbrown@tmig.ca; jvandenber@king.ca  
**Subject:** FW: Undeliverable: Public consultation centre tonight

Hi Julia,

I thought that you might like to see that email that I mentioned yesterday. It was very strange that I got this message, then soon after got an automated message that said that my message was received and shortly after got the message from Kevin addressing my suggestion of a meeting.

[REDACTED]

---

**From:** [postmaster@tmig.ca](mailto:postmaster@tmig.ca) [<mailto:postmaster@tmig.ca>]  
**Sent:** May-13-14 1:35 PM  
**To:** [REDACTED]  
**Subject:** Undeliverable: Public consultation centre tonight

### Delivery has failed to these recipients or groups:

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

Your message can't be delivered because delivery to this address is restricted.

### Diagnostic information for administrators:

Generating server: tmig.ca

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

#550 5.7.1 RESOLVER.RST.AuthRequired; authentication required ##rfc822;kingwatermasterplans@tmig.ca

### Original message headers:

Received: from barracuda.tmig.ca (192.168.16.20) by TMIGSERVER2.hq.tmig.ca (192.168.16.6) with Microsoft SMTP Server id 14.1.438.0; Tue, 13 May 2014 13:34:42 -0400  
X-ASG-Debug-ID: 1400002388-01d82f08d80c210001-c3EFpj  
Received: from whub30.webhostinghub.com (whub30.webhostinghub.com [205.134.241.6]) by barracuda.tmig.ca with ESMTSP id nByYdIbvXZdwoqVj for <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>; Tue, 13 May 2014 13:33:09 -0400 (EDT)  
X-Barracuda-Envelope-From: [REDACTED]  
X-Barracuda-Apparent-Source-IP: 205.134.241.6  
Received: from cpebc1401e65903-cmbc1401e65900.cpe.net.cable.rogers.com ([99.243.135.21]:50373 helo=[192.168.0.11]) by whub30.webhostinghub.com with esmtpsa (TLSv1:AES128-SHA:128) (Exim 4.82) (envelope-from [REDACTED]) id 1WkGZe-00040Z-4A for [kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca); Tue, 13 May 2014 10:33:06 -0700  
Subject: Public consultation centre tonight

From: [REDACTED]  
 X-ASG-Orig-Subj: Public consultation centre tonight  
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 X-Mailer: iPad Mail (11D201)  
 Message-ID: <[D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca](mailto:D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca)>  
 Date: Tue, 13 May 2014 13:33:06 -0400  
 To: "[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)" <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>  
 Content-Transfer-Encoding: quoted-printable  
 MIME-Version: 1.0 (1.0)  
 X-OutGoing-Spam-Status: No, score=-2.9  
 X-AntiAbuse: This header was added to track abuse, please include it with any abuse report  
 X-AntiAbuse: Primary Hostname - whub30.webhostinghub.com  
 X-AntiAbuse: Original Domain - tmig.ca  
 X-AntiAbuse: Originator/Caller UID/GID - [47 12] / [47 12]  
 X-AntiAbuse: Sender Address Domain - hopkinson.ca  
 X-Get-Message-Sender-Via: whub30.webhostinghub.com: authenticated\_id: [Nancy@hopkinson.ca](mailto:Nancy@hopkinson.ca)  
 X-Barracuda-Connect: whub30.webhostinghub.com[205.134.241.6]  
 X-Barracuda-Start-Time: 1400002388  
 X-Barracuda-URL: <http://192.168.16.20:8000/cgi-mod/mark.cgi>  
 X-Virus-Scanned: by bsmtpd at tmig.ca  
 X-Barracuda-BRTS-Status: 1  
 X-Barracuda-Spam-Score: 0.00  
 X-Barracuda-Spam-Status: No, SCORE=0.00 using global scores of TAG\_LEVEL=2.5  
 QUARANTINE\_LEVEL=1000.0 KILL\_LEVEL=4.0 tests=MIME\_QP\_LONG\_LINE  
 X-Barracuda-Spam-Report: Code version 3.2, rules version 3.2.3.5780  
 Rule breakdown below  

pts	rule name	description
0.00	MIME_QP_LONG_LINE	RAW: Quoted-printable line longer than 76 chars

 Return-Path: [REDACTED]



## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Thursday, May 15, 2014 10:31 AM  
**To:** John Vandenberg; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

Thanks John, I just spoke with Stephen who was helpful and I look forward to further discussions in the near future.  
Warm regards,

[REDACTED]  
Broker  
Land Sales & Development

[REDACTED]  
[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



---

**From:** John Vandenberg [mailto:jvandenberg@king.ca]  
**Sent:** Thursday, May 15, 2014 10:24 AM  
**To:** [REDACTED]; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

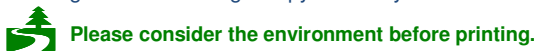
[REDACTED]  
I will defer to TMIG to further detail levels of “consideration” regarding this site and the Masterplanning process currently underway. The Township would be happy to meet with you as per your inquiry into potential development opportunities for the site however I feel Planning would be the lead respondent to these inquiries. I have copied the Township’s Director of Planning (Stephen Kitchen) for Planning comments/direction.

Thanks very much,

John Vandenberg C. Tech., EP  
Water & Wastewater Compliance and Engineering Technologist  
Engineering and Public Works  
Township of King  
905-833-4059  
[jvandenberg@king.ca](mailto:jvandenberg@king.ca)



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---

**From:** [REDACTED]  
**Sent:** May-15-14 9:43 AM  
**To:** KingWaterMasterPlans

**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Public Meeting

Thanks very much Kevin,

In particular, we have a large international corporation interested in the "Business" lands which are OP designated in the south part of Nobleton. This is directly to the east of the new Tribute subdivision on Hwy 27. Can you tell me if these lands are being considered in the study and any information that could help us assess the potential for development on those lands in the foreseeable future.

Thanks Kevin,

PS I would be pleased to meet with you and John to discuss further if that works for you...

██████████  
Broker  
Land Sales & Development

██████████  
[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans  
**Sent:** Thursday, May 15, 2014 9:24 AM  
**To:** ██████████  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** RE: King Public Meeting

██████████  
The presentation materials will be posted to the Project Website ([www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)) shortly, but I've attached them for your convenience.

Regards,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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---

**From:** [REDACTED]  
**Sent:** Wednesday, May 14, 2014 4:36 PM  
**To:** KingWaterMasterPlans  
**Subject:** King Public Meeting

I was unable to attend public meeting. If there was a hand out or presentation that can be emailed, could you kindly email same to me.

Thanks very much,

[REDACTED]

[REDACTED]

Broker  
Land Sales & Development

[REDACTED]

[REDACTED]

[REDACTED]

[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



Cushman & Wakefield Ltd.  
3100 Steeles Avenue East, Suite 1100 Markham, ON L3R 8T3

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We have taken precautions to minimize the risk of transmitting software viruses, but we advise you to carry out your own virus checks on any attachment to this message. We cannot accept liability for any loss or damage caused by software viruses.

## Yulia Pak

---

**From:** Steve Hollingworth <shollingworth@tmig.ca>  
**Sent:** Tuesday, May 27, 2014 11:57 AM  
**To:** Kevin Brown  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** RE: King Master Plans - PCC Phone Call

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I just spoke briefly with [REDACTED]

He was hoping that our study would provide some detail on the treatment of watercourses and other natural features, and would indicate locations for SWM ponds for future development areas in Nobleton (outside the approved urban boundary / sanitary servicing area).

I indicated that our study will likely include recommendations for stormwater management criteria for new development, but did not expect to be showing SWM pond locations for future development areas.

[REDACTED] will be requesting that we do this in his comment form (which you can expect shortly), and may follow up directly with Robert Flindall.

I indicated that we will discuss this issue in our next progress meeting with the Township.

Regards

Steve Hollingworth  
Senior Water Resources Engineer

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x 359 | c: 416.300.0415 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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**From:** Kevin Brown  
**Sent:** May 27, 2014 10:30 AM  
**To:** Steve Hollingworth  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Master Plans - PCC Phone Call

Steve:

I received a voicemail message this morning from a gentleman that attended the PCC. Here are the details:

**-Name:** [REDACTED]

**-Phone Number:** [REDACTED]

**-Attended PCC?:** Yes

**-Message:**

- Was at the PCC.
- Calling about Nobleton.
- Questions re: Stormwater Master Plan
- Calling not only about the Existing and Designated areas, but the entire Community Boundary
- Questions about the locations of future Stormwater Management Ponds

Could you contact him to obtain more specific comments/question, and possibly address them at the same time? The Master Plan only covers the Existing and Designated lands, as there are no provisions under the Official Plan to address servicing outside of those areas at this time.

Thanks,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Thursday, May 29, 2014 8:40 PM  
**To:** kingwatermasterplans@tmig.ca  
**Subject:** RE: Comments  
**Attachments:** PIC 1 Question for EA.pdf

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I received your letter and although we have already submitted comments (attached). I did want to speak to the streetscaping, urbanization plans. I current guiding document for planning Nobleton is the Nobleton Community Plan, Amendment 57. That plan has a core area concept plan that was at the time supported quite strongly by the community, that is they asked that the plan developed by McDermott and Assoc be included in the Smith Bousfield plan. Nobleton sees itself as a rural village, many of our businesses are dependent on the agricultural community.

This concept plan provides a important transition between the old town core and the larger suburban style estate homes. Currently there is an issue with dump trucks and transport trucks speeding through town. The medians at the four corners will encourage the traffic to slow down in town. The McDermott concept also refers quite specifically to the policies in the plan such as the need to reduce the number of driveways by encouraging rear parking in the commercial district and the need to consolidate smaller commercial properties.

The extensive street trees will help to define the street edge and provide a more esthetically pleasing walking environment. Improvements to walkability are needed and can be accomplished by extending the sidewalks on the south side of King Road from Henry's Gate to the industrial area in the east. The heritage character of the Hambly House should be used as a template for design features, consider finding a way to incorporate gingerbread fretting.

Thank you for providing me with this opportunity to submit comments.

[REDACTED]

[REDACTED]

King Township is a rural municipality, with over 90% of our lands within the Oak Ridges Moraine and Greenbelt. The Provincial Places to Grow Plan was developed to prevent the unnecessary expansion of infrastructure. The Places to Grow Plan and the Greenbelt Plan work together to ensure growth is directed to 'Urban Growth Centres' where existing infrastructure is located which can accommodate growth. The cost of expanding infrastructure and the impact on our communities is a significant concern to my family.

I have the following comments:

- 1) Mapping at the PIC identified the 'designated' growth areas for King City, Nobleton and Schomberg for the current community plans. Mapping did not identify that this study was for growth projected beyond our current community plans.
- 2) The wastewater servicing map for Nobleton shown at the PIC is not consistent with the phase 1 collection system approved under the Nobleton EA and the original project mapping sent to households in the Spring of 2010.
- 3) The need for this EA did not appear to be quantified on any of the boards at the PIC. The wastewater systems and water collection systems are fairly new in both Nobleton and King City.

I have the following questions regarding the combined Master Plans:

- 1) Has the province conducted the implementation analysis to identify the implications for projected growth for water and sewer servicing as per section 5.3.4 of the growth plan? Have the sub area assessments been completed at the Region to determine the appropriate forms of growth management?
- 2) Is this E.A. being conducted to support the expansion of water and sewer servicing prior to amending the boundaries of the settlement areas in King Township? *Greenbelt Plan 4.2.2.4. "Where settlement area expansions are contemplated by a municipality, the environmental assessment in support of expanded sewage and water services must be completed or approved prior to amending the boundaries of the settlement within the municipal official plan."*
- 3) As the Official Plan has not been completed, we do not know where the future growth will occur. Should the Official Plan be completed prior to an environmental assessment? Why are we planning for infrastructure when we haven't completed the planning studies and don't know the future requirements of the systems? Should we be deciding the level of growth that is appropriate to each community prior to conducting the EA?
- 4) The Environmental Assessment is dealing with two separate and unique watersheds both located on the headwaters of the Oak Ridges Moraine and three communities. We will need to determine how we can maintain and improve water quantity and quality for our communities, our businesses and our ecosystems? Is the EA process comprehensive enough or can we consider approaching the issues through an integrated watershed resource management (IWRM) based approach?  
*IWRM -Three principles act together as the overall framework (Dublin Principal)*
  1. *Social equity: ensuring equal access for all users to an adequate quantity and quality of water necessary to sustain human well-being.*
  2. *Economic efficiency: bringing the greatest benefit to the greatest number of users possible with the available financial and water resources.*
  3. *Ecological sustainability: requiring that aquatic and water dependent ecosystems are acknowledged as users and that adequate allocation is made to improve their natural functioning.*
- 5) If a new sewage treatment plant is required or an expansion required for the sewage works will a separate E.A. be required by the Region of York?

- 6) Has the Region of York completed the water budget and water conservation plan for the watersheds where these communities reside? *To protect the hydrological integrity of the Moraine, the Plan stipulates that Upper Tier municipalities shall prepare watershed plans, water budgets and conservation plans, and that major development proposals within the Moraine must conform to them.* Will any undertaking resulting from this EA conform to the above hydrological studies?
- 7) Will the project research and analyze the most recent data to determine the problem, understand the need, and identify possible solutions? Will the impacts of climate change be evaluated and incorporated in projections?
- 8) Has the Township of King and the Region been proactive and implemented an optimization program for our water, stormwater and wastewater processes prior to commencing the EA? (e.g. water conservation, water recycling, alternative design standards for current works)
- 9) Processing water, whether it is from stormwater or wastewater is very costly. In Nobleton, water from sump pumps keeps our ditches running with water all four seasons. Can we consider alternative uses for this clean groundwater? I understand the Region of Waterloo has bylaws which provides incentives for keeping groundwater on our properties. Will alternative uses and policies be considered for the protection of our groundwater resources?
- 10) The area of Kinsley St and Faris Avenue in Nobleton has a stream running through the backyards that originates in the old truck wreckers lot. This watercourse has been a problem as the seasonal flooding has impacted our septic beds. With the sewer installation any potential health problems will be alleviated. Understanding the open ditches are better for water quality and the ecosystem than closed culverts are there methods to managing this watercourse that could be implemented? Will alternative design standards be considered as a first options for managing stormwater?

*Respectfully Submitted,*

████████████████████

██

*May 16, 2014*





## NOTICE OF PUBLIC CONSULTATION CENTRE

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### **INTRODUCTION – *What are these Master Plans all about?***

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### **PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!***

Public consultation is a key component of the Master Plan process. We would like to invite you, your friends, and your neighbours to participate in the upcoming Public Consultation Centre to inform these studies. At the PCC, you will be able to learn about our approach, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

The first PCC has been scheduled for:

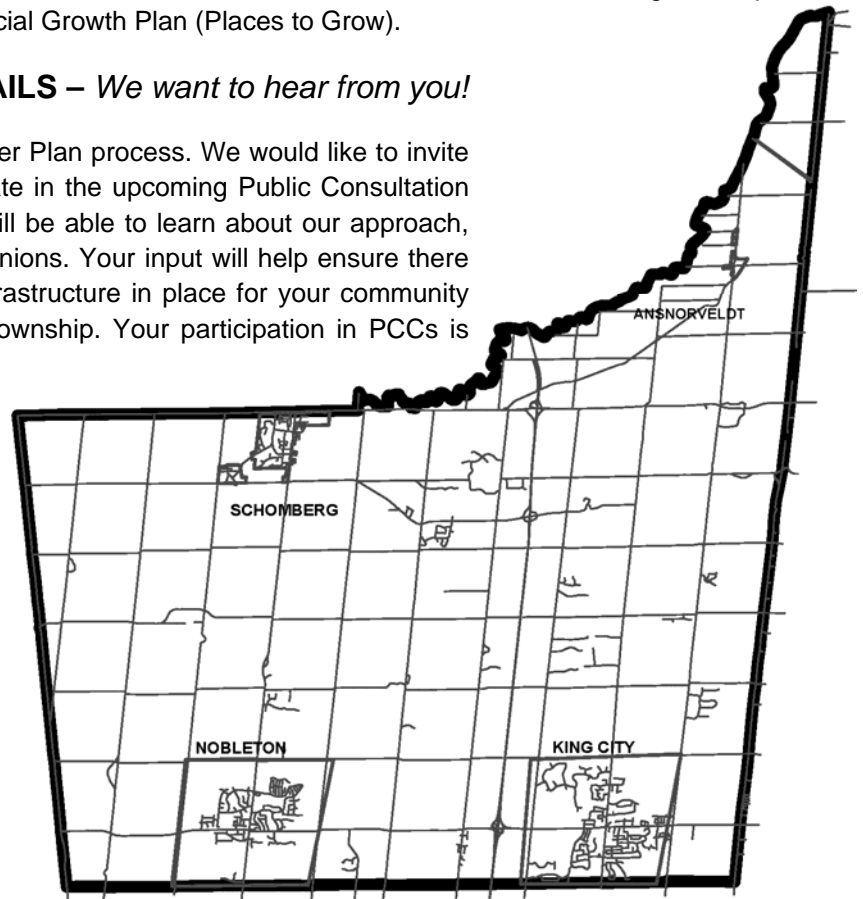
**Date:** Tuesday, May 13, 2014

**Time:** 6:30 to 8:30 p.m.

**Location:** Township of King Municipal Office  
Council Chamber

**Address:** 2075 King Road, King City

Public comment obtained at the PCC will be incorporated into the next phase of the Study, which is the selection of the preferred solutions for water servicing, wastewater servicing, and stormwater management.



Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.



## NOTICE OF PUBLIC CONSULTATION CENTRE # 2

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. The initial PCC was held in May 2014 to present the Study Background and Objectives. We would like to invite you, your friends, and your neighbours to participate in an upcoming Phase 2 Public Consultation Centre (PCC). At this Phase 2 PCC, you will learn about the preferred solutions for water, wastewater and stormwater management. You will have the opportunity to ask us questions, share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCC process is important to us.

This second round of PCCs has been scheduled for:

##### SCHOMBERG:

**Date:** Wednesday, July 15, 2015  
**Location:** Trisan Centre (Multi-Purpose Room)  
**Address:** 25 Dillane Drive, Schomberg

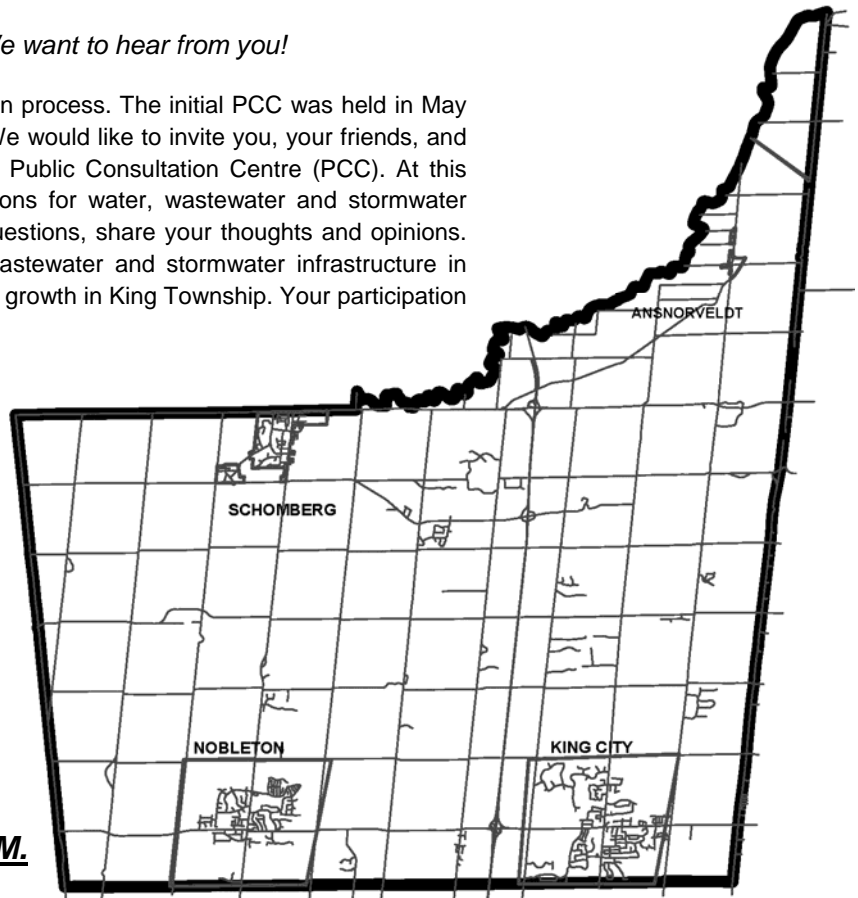
##### KING CITY:

**Date:** Thursday, July 16, 2015  
**Location:** King City Arena (Arena Hall)  
**Address:** 25 Doctors Lane, King City

##### NOBLETON:

**Date:** Tuesday, July 21, 2015  
**Location:** Nobleton Arena (Arena Hall)  
**Address:** 10 Old King Road, Nobleton

**Timing of all PCCs will be 6:30 to 8:30 PM.**



The PCC Format will consist of an Open House, with Township and Consultant Staff available to assist in the interpretation of the Presentation Materials and to answer any questions you might have.

The same information is being presented in each community, so you only need to attend one of these sessions.

Public comment obtained at the PCC will be incorporated into the final phase of the Study.

Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*

①

May 13, 2014

King Township

# Please sign in with your contact details

First Name	Last Name	Property / Affiliation (if any)	Mailing Address	Phone Number & Email
[REDACTED]	[REDACTED]	RESIDENT (KING CITY)	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	HEAD COUNTRY DAY SCHOOL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	-	-	[REDACTED]
[REDACTED]	[REDACTED]	Res.	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	FARM	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	RURAL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	KING RESIDENT	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	"	[REDACTED]	[REDACTED]





## NOTICE OF PUBLIC CONSULTATION CENTRE

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. We would like to invite you, your friends, and your neighbours to participate in the upcoming Public Consultation Centre to inform these studies. At the PCC, you will be able to learn about our approach, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

The first PCC has been scheduled for:

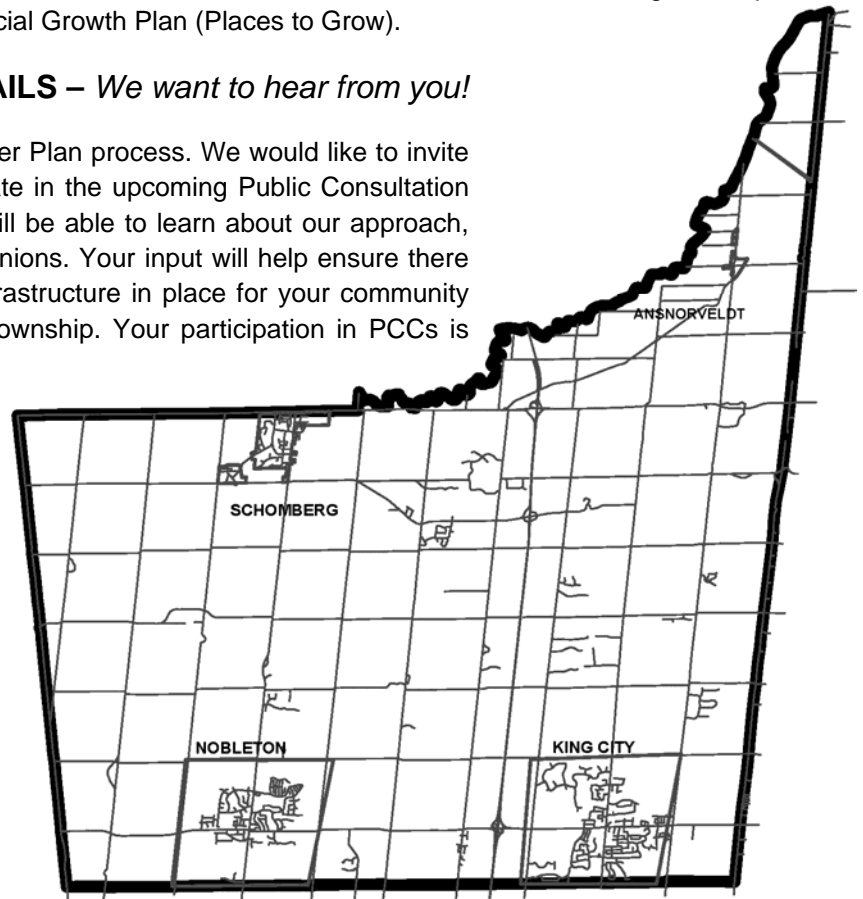
**Date:** Tuesday, May 13, 2014

**Time:** 6:30 to 8:30 p.m.

**Location:** Township of King Municipal Office  
Council Chamber

**Address:** 2075 King Road, King City

Public comment obtained at the PCC will be incorporated into the next phase of the Study, which is the selection of the preferred solutions for water servicing, wastewater servicing, and stormwater management.



Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
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2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

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**WATER/WASTEWATER AND STORMWATER  
MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**PUBLIC CONSULTATION CENTRE # 1**

**Tuesday, May 13, 2014**

**PROJECT CONTACTS:**

**Mr. John Vandenberg, C.Tech., EP**  
**King Township, Engineering and Public Works**  
2075 King Rd.  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300  
Email: [jvandenberg@king.ca](mailto:jvandenberg@king.ca)

**Mr. Kevin Brown, P.Eng.**  
**Consultant Project Manager**  
**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700 Ext. 247  
Fax: (905) 738-0065  
Email: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)

In association with:

**Urban Strategies Inc:** Urbanization Study  
**Savanta Inc:** Aquatic and Terrestrial Habitat Review  
**Swerhun Inc:** Communications Facilitation

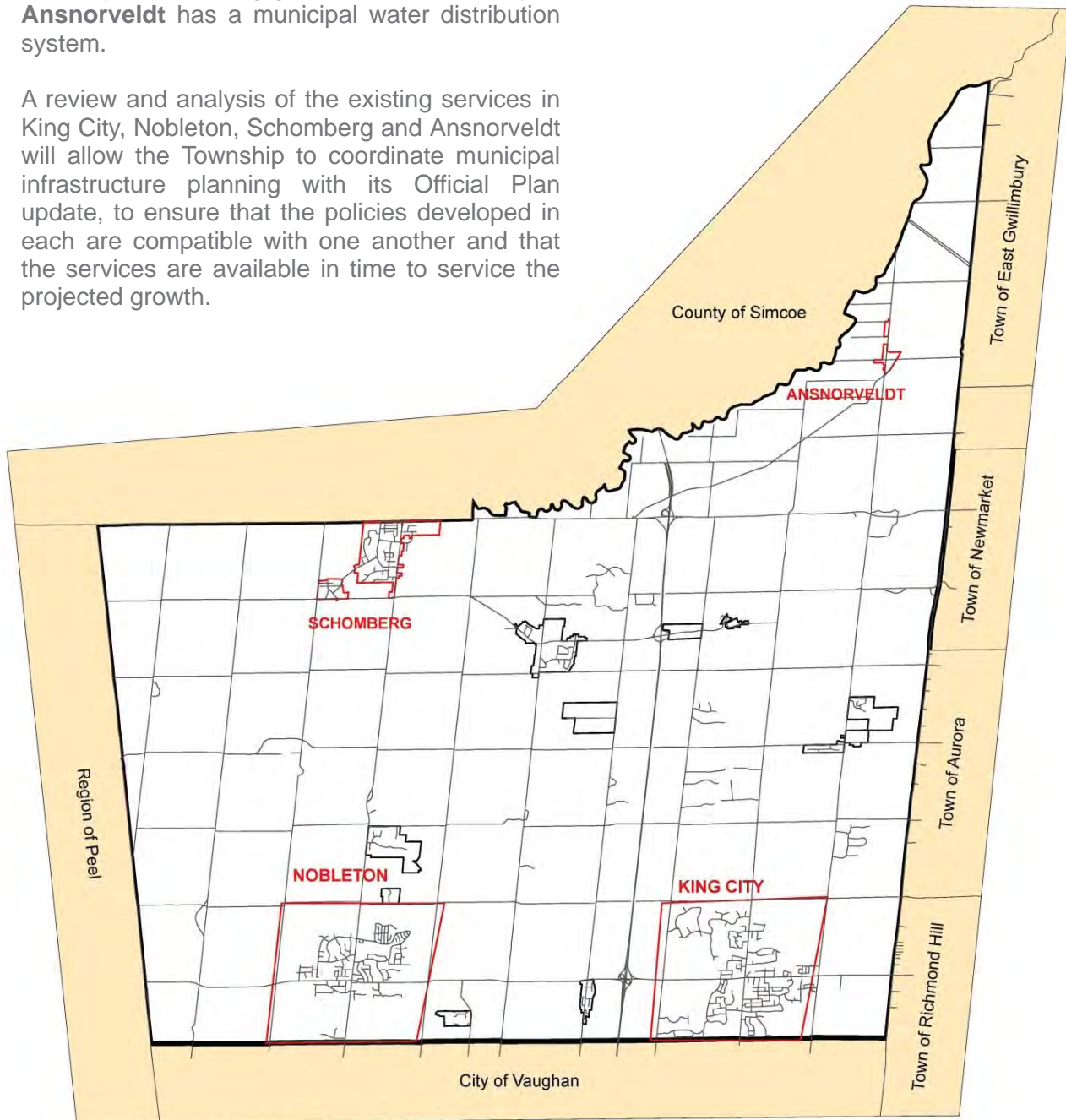
**PROJECT INFORMATION:**

**Project Website:**  
[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

**Project E-Mail:**  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

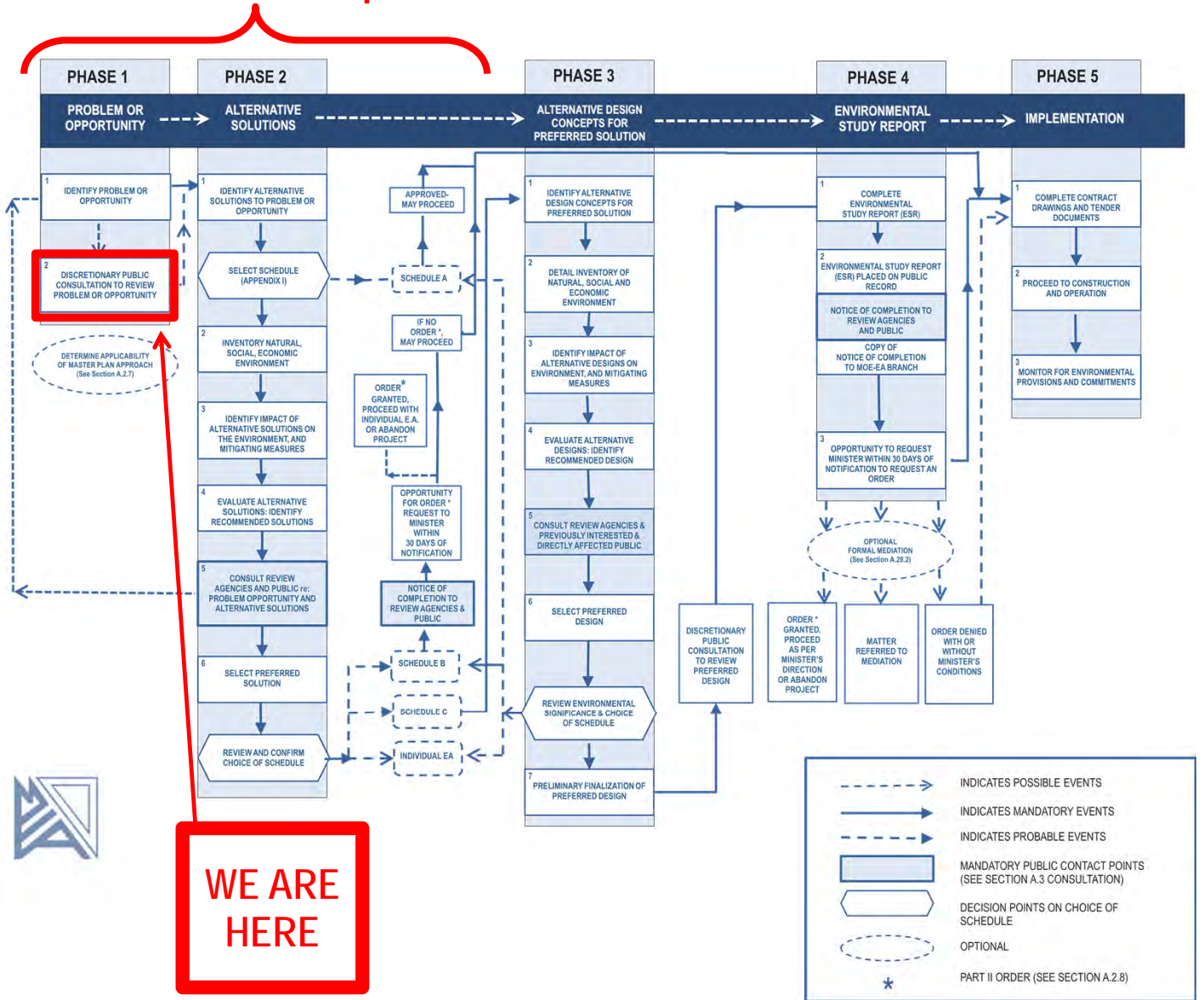
A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.



## Municipal Class Environmental Assessment

King Township retained The Municipal Infrastructure Group Ltd. to complete this Study in accordance with the Municipal Class Environmental Assessment process. This Master Plan is considered a Schedule 'B' Project, encompassing Phases 1 and 2 of the Municipal Class EA process.

### Master Plan Scope

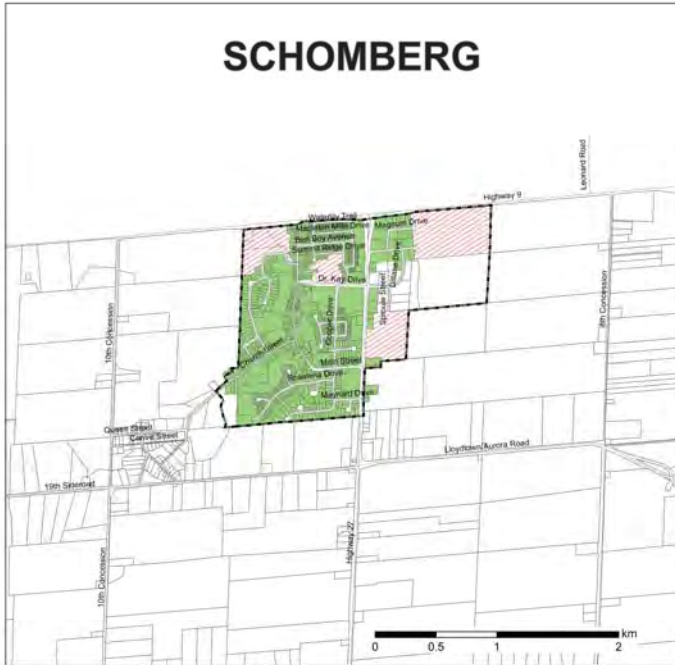




The Province has identified that the Greater Golden Horseshoe is growing, and the Region of York has forecasted that the population in King Township is to increase from 21,000 to 34,500 by 2031.

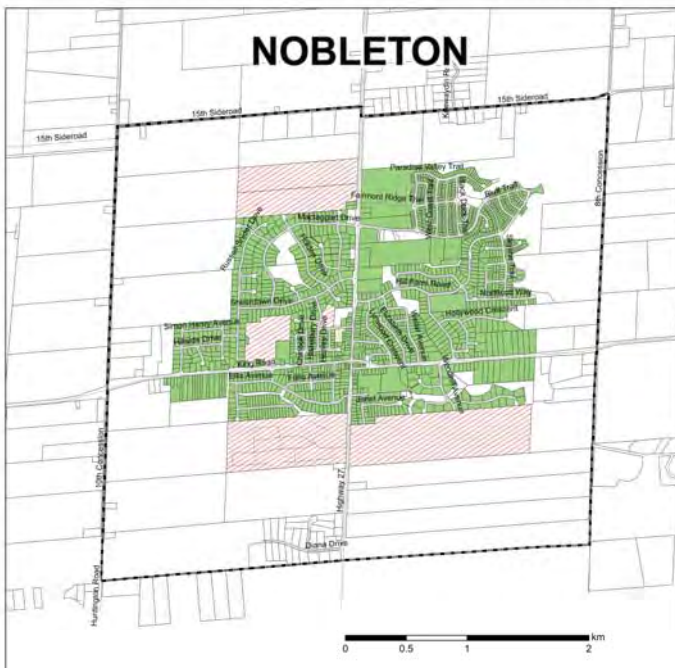
The growth within King Township is predominantly directed to the three villages of King City, Nobleton and Schomberg.

Growth will have two distinct 'forms': *New greenfield development* on lands previously designated in the local Community Plans, and *Intensification* of existing built-up areas to accommodate a greater population density to make better use of existing infrastructure.



**Legend**

- Parcel\_All
- Planning Status**
- Existing
- Designated External Service Area
- Approved
- Designated
- Community Boundary



## Problem Statement / Study Background

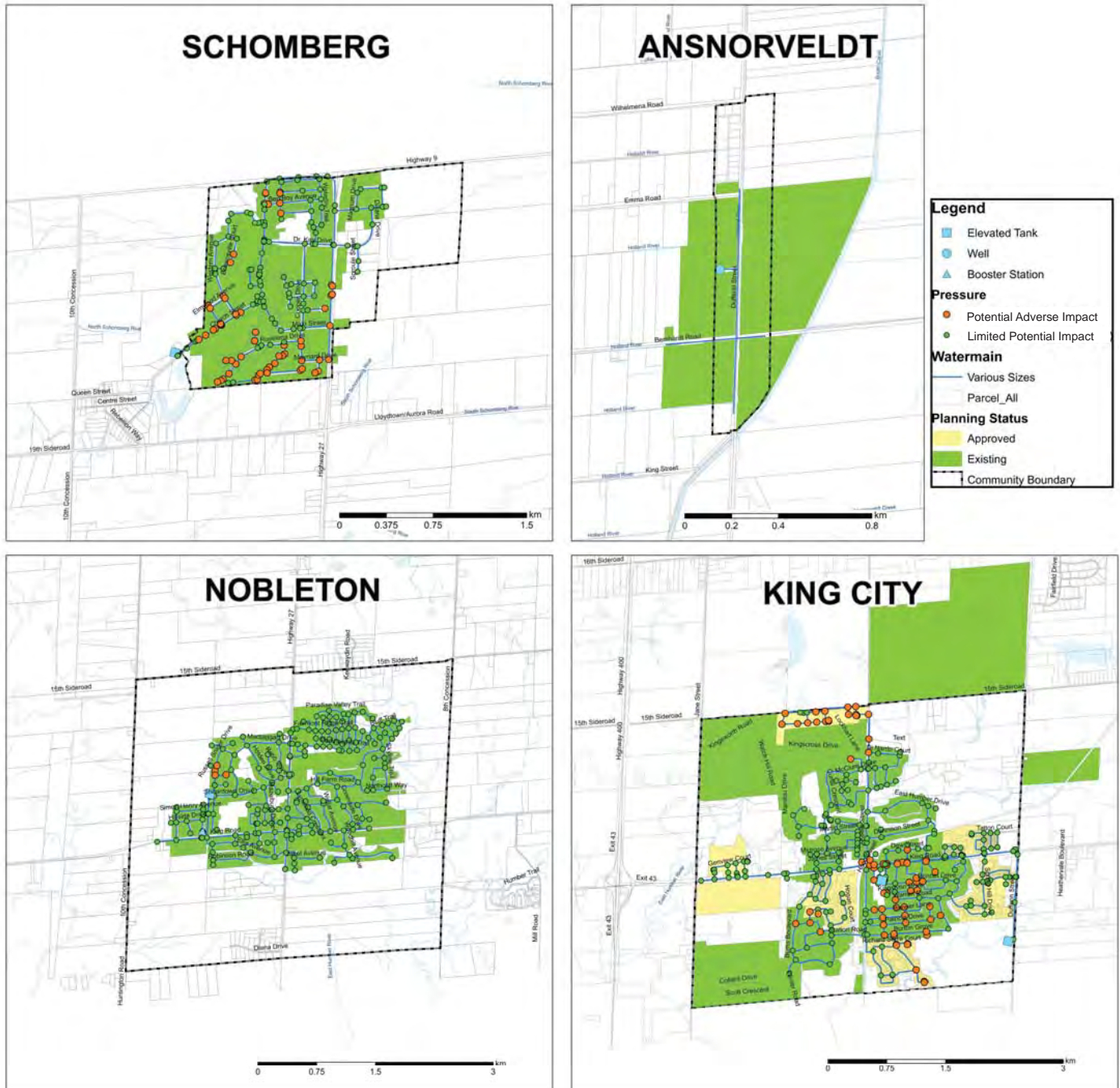
Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

These studies will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

 <p>Provide a framework to assist in the Township in <b>evaluating land development proposals</b></p>		<p>Provide input and coordination with Township initiatives to update the Official Plan and <b>identify areas within the Township that require servicing</b>;</p> <p>Plan and coordinate construction activities to <b>minimize costs and disruptions</b></p>
 <p>Provide input and <b>coordination with Regional Municipality of York Master Plan Updates</b></p>		 <p>Provide <b>technical guidance for Engineering Design Criteria and Standards, and Township servicing policies</b></p>
 <p>Provide input and coordination with the <b>Development Charge Bylaw</b> Background studies both at Township and Regional level</p>	 <p><b>Integration of sustainability themes</b> including water conservation, inflow/infiltration reduction, Low Impact Development techniques for Stormwater Management</p>	 <p>Ensure that servicing requirements address the best interests of the entire community, and that <b>the needs of future development are integrated</b>, where possible</p>

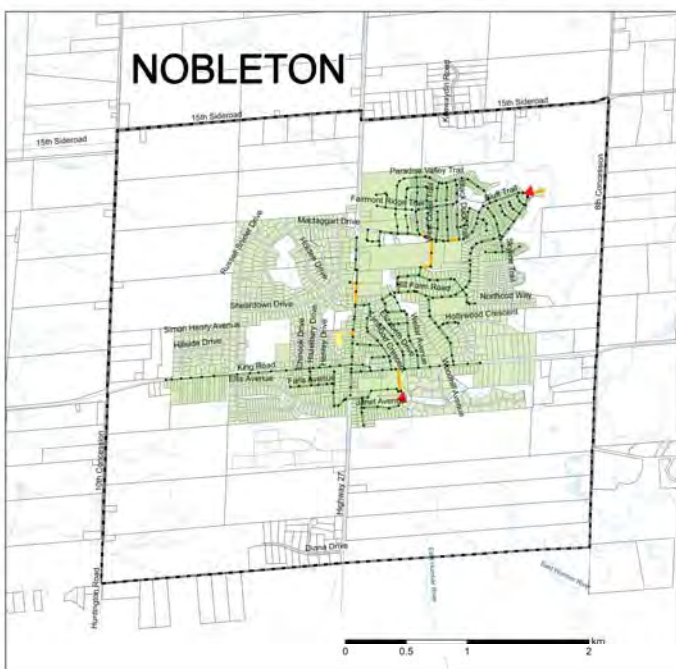
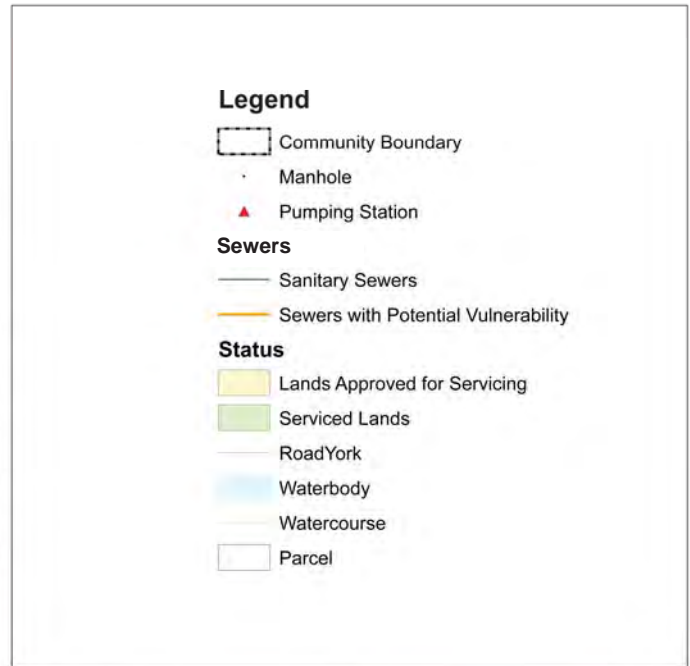
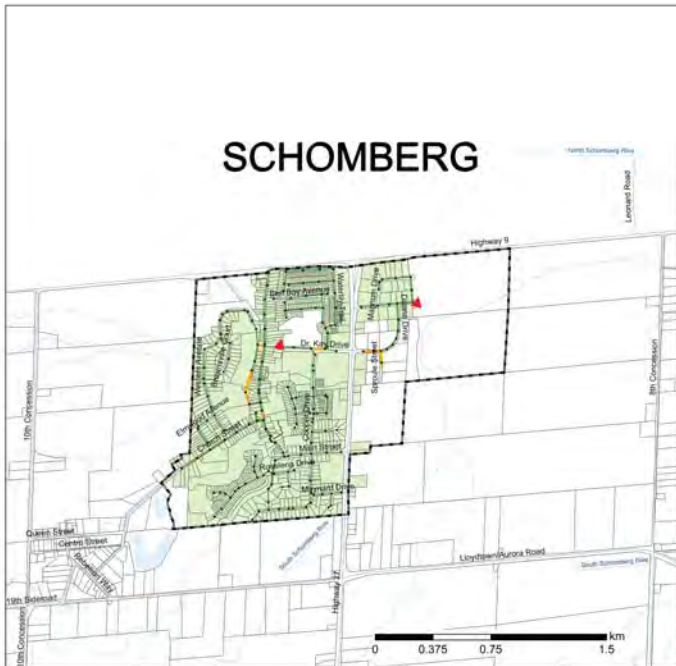
These images identify where the initial assessment of the Township's water models indicate locations within the existing water distribution systems that could become adversely impacted by additional development within the individual communities.

Subsequent phases of the Master Planning process will identify alternative solutions aimed at meeting the mandated growth targets for the Township, while not affecting the level-of-service to existing serviced areas.

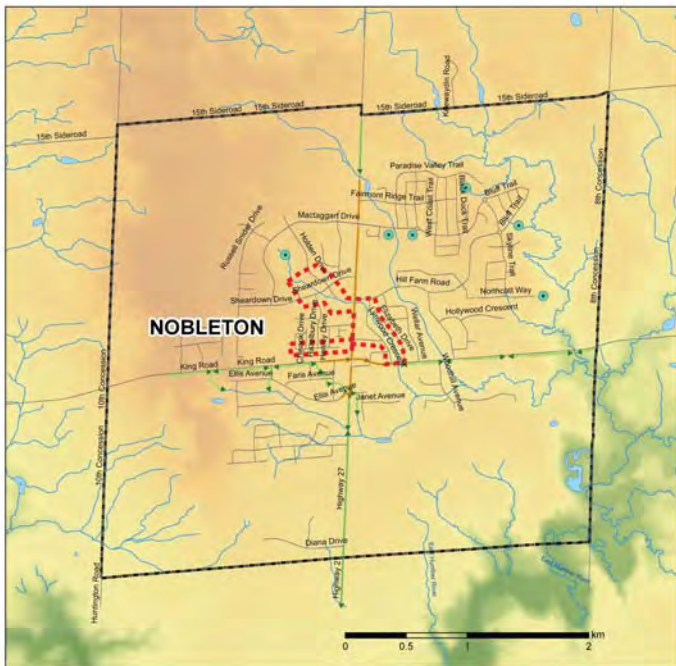
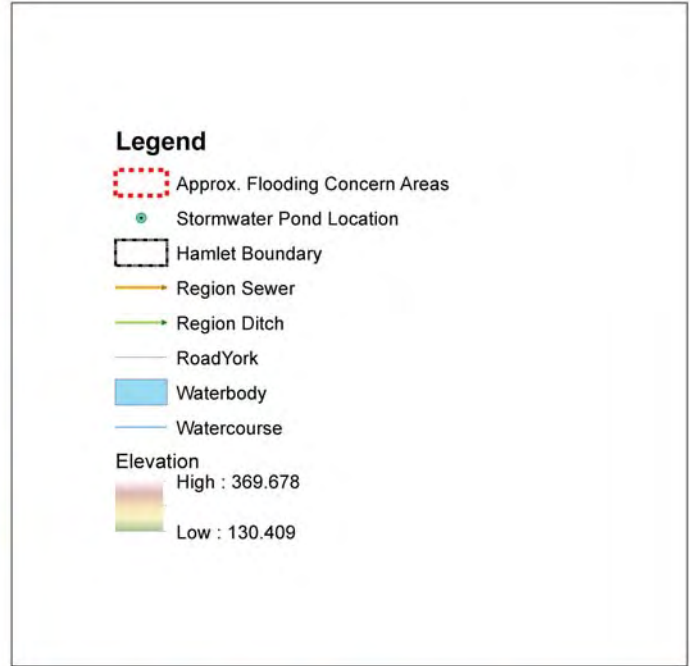
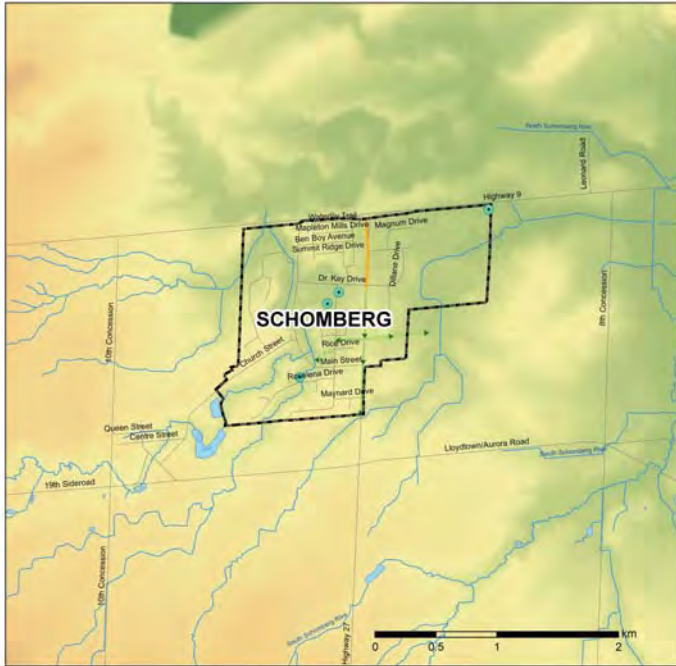


As part of the Master Planning process, wastewater models were developed to assist the Township in assessing the design flows throughout the system as detailed development submissions are submitted.

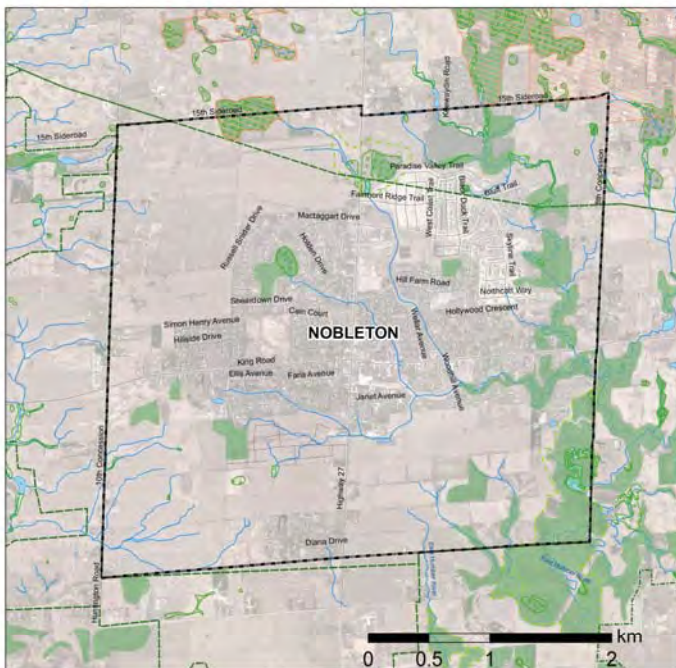
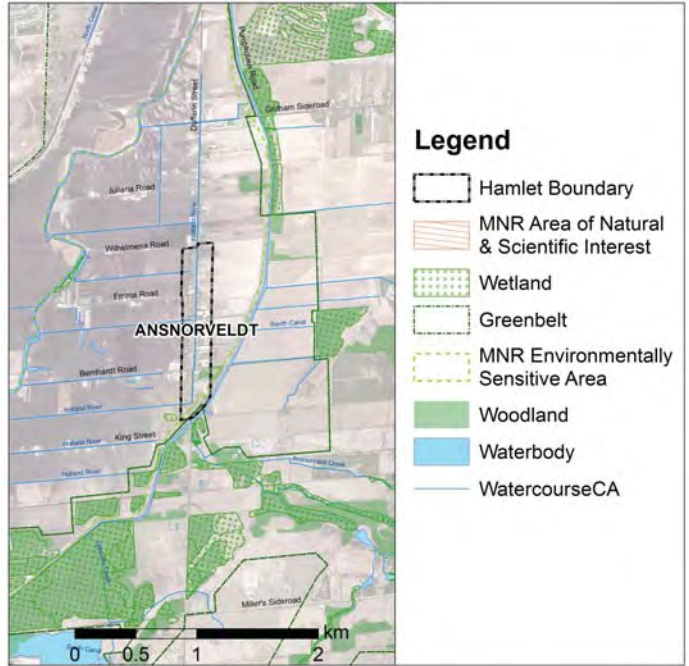
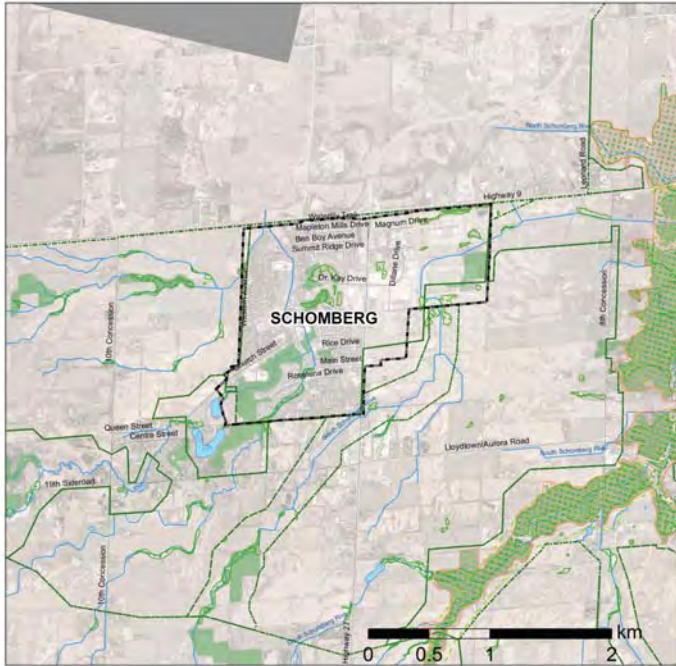
These images identify where the initial assessment of the Township's wastewater models indicate locations within the existing wastewater collection systems that could become vulnerable to surcharging as a result of future growth. These locations will be reviewed throughout the Master Plan process to ensure that the level-of-service is not adversely impacted by the mandated growth.



- Existing drainage systems (ditches, storm sewers, stormwater management ponds) are being inventoried.
- Capacity analyses will be undertaken to determine / confirm the location and severity of 'bottlenecks' in the drainage systems
- The study will eventually recommend improvements to existing storm drainage infrastructure as well as criteria for new and re-development to improve stormwater quality and quantity



These images identify the elements of the Natural Environment (Aquatic and Terrestrial Features) that should be considered when identifying the preferred water, wastewater and stormwater servicing solutions. Where the preferred servicing solutions could potentially adversely affect elements of the Natural Environment, mitigative measures will be identified as to minimise that potential adverse impact..



## Official Plan Review Project



King is undertaking an Official Plan Review to:

- (i) develop a new, overarching parent Official Plan, and
- (ii) complete Provincial plan conformity exercises to incorporate the Greenbelt Plan, the Growth Plan, the Lake Simcoe Protection Plan, and Source Protection Plans into the Township's official plan documents.

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.

## Urbanization Study



In conjunction with the Water/Wastewater and Stormwater Master Plans, TMIG and Urban Strategies Inc are concurrently undertaking an Urbanization Study.

This supplementary Study will identify the design criteria for elements within the existing rights-of-way to support anticipated development goals as defined by the Township.

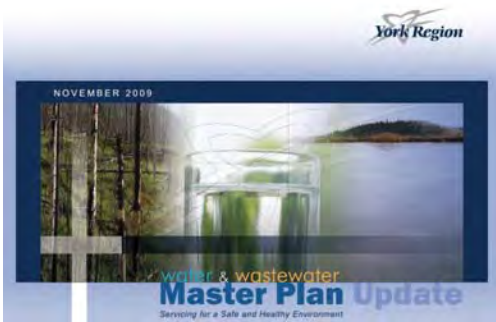
## Transportation Master Plan



The Township of King has also initiated a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

## York Region Water/Wastewater Master Plan Update (2014)



The Region is starting the process of updating their Water and Wastewater Master Plan, which was last updated in 2009.

As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's treatment plants, it is important that the Township and the Region share a common understanding of how water demands and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.

# The Township of King Urbanization Study

## Urbanization Study

Supplementary to the Environmental Assessment process, the Urbanization Study provides additional information and support for the Water, Wastewater and Stormwater Master Plan. The urbanization study will identify the design criteria for elements within the existing street rights-of-way to support anticipated development goals as defined by the Township.

The revitalization and urbanization of the core areas of King City, Nobleton and Schomberg is a priority for the Township. The revitalization of these areas will help preserve and promote a quality of life and identity for which the Township is known. The core areas can reinforce a small community feeling providing a range of uses, housing choices and gathering places that can be easily accessed by transit, walking and other forms of active transportation. Encouraging such renewal and urbanization can also support the Township's tax base and will help the Township meet the Region's Growth Plan intensification targets. Overall, urbanized villages such as these are the very model of sustainable communities - socially, financially, and environmentally.

The design of key streets within these communities, such as Keele Street, King Road (Highway 11), Highway 27, and Main Street in Schomberg, will play an important role in promoting and supporting this urbanization. Confirming a consistent vision for these and other streets will provide input to both infrastructure and public realm investment as these streets are both the setting for urbanization, and contain the critical utilities to support anticipated densities, land uses and movement patterns. The urbanization portion of this study will identify the design criteria for elements within the existing street rights-of-way today to support anticipated development and street reconstruction goals in the future.

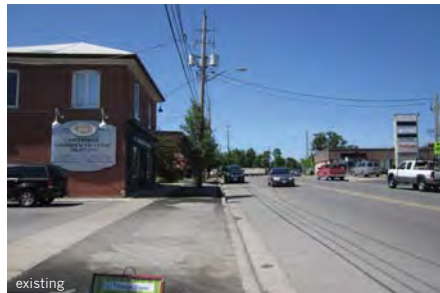
Our primary objectives for the Urbanization Study are threefold: 1) confirm the general extent of areas which may be considered for urbanization; 2) within these areas identify the visions for key streets and rights-of-way; and, 3) draft recommendations for the range of elements to be included in each right-of-way including their general location and design.

## Complete Streets

A complete street, often also referred to as context sensitive design, involves establishing a vision for a street that addresses, movement, land use, development form and the design of the public realm in a holistic manner, as opposed to designing streets for the sole purpose of moving vehicles. The following are a selection of precedent examples of how commercial and residential streets may be intensified and transformed into complete streets. Our next step is to confirm a vision for key streets within the urbanization areas and to illustrate their potential.



existing



existing



existing



proposed

Pelham Rd, Pelham - Niagara Complete Streets Project



proposed

Griffin St. North, Smithville - Niagara Complete Streets Project



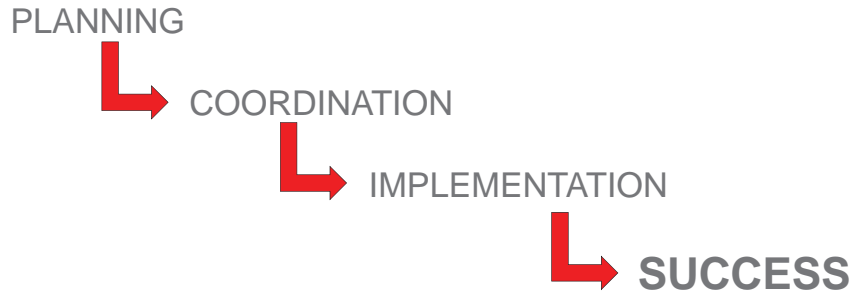

proposed

Queenston St, St. Catharines - Niagara Complete Streets Project



Thank you for participating in this evening's session!

Master Plans lead to successful implementation of infrastructure projects:

Please **complete a Comment Form** (by May 31<sup>st</sup>). Let us know of any servicing problems you have experienced, or any concerns that you have.



The Project Team will establish evaluation criteria, considering the **natural, social, and economic environment**, as well as the **technical criteria**.



The Project Team will **identify and evaluate alternative servicing solutions**, and present the preferred alternative at the 2<sup>nd</sup> Consultation Centre in Fall 2014

Project Timeline:



①

May 13, 2014

King Township

# Please sign in with your contact details

First Name	Last Name	Property / Affiliation (if any)	Mailing Address	Phone Number & Email
[REDACTED]	[REDACTED]	RESIDENT (KING CITY)	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	HEAD COUNTRY DAY SCHOOL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	-	-	[REDACTED]
[REDACTED]	[REDACTED]	Res.	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	FARM	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	RURAL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	KING RESIDENT	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	"	[REDACTED]	[REDACTED]



# Water/Wastewater and Stormwater Master Plans



## COMMENT FORM



May 13 2014– Public Consultation Centre  
Township of King Municipal Office, 2075 King Road, King City ON

We are interested in hearing any comments you may have associated with this project. Thank you for clearly writing your comments in the space provided below.


This material will be maintained on file for use during the project and may be included in project documentation. Information collected will be used in accordance with the Freedom of Information and Privacy Act. With the exception of personal information, all comments will become part of the public record.

Please submit your written comments before leaving the PCC. If you require more time to comment, please mail/fax in the comment sheet by May 31, 2014 to:

Mr. Kevin Brown, P.Eng  
Consultant Project Manager  
TMIG | The Municipal Infrastructure Group Ltd.  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700  
Fax: (905) 738-0065

Mr. John Vandenberg, C. Tech., EP  
Project Manager  
King Township, Engineering and Public Works  
2075 King Road  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300

**Project Website:** [www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)  
**Project Email:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

**PLEASE CLEARLY PRINT YOUR NAME AND CONTACT INFORMATION BELOW:**  
(personal information will not become part of the public record)

Name	<input type="text"/>	Organization	<input type="text"/>
Street	<input type="text"/>	Telephone	<input type="text"/>
City/Town	<input type="text"/>	Fax	<input type="text"/>
Postal Code	<input type="text"/>	Email	<input type="text"/>

**Yulia Pak**

---

**Subject:** FW: Public consultation centre tonight

-----Original Message-----

From: [REDACTED]

Sent: Tuesday, May 13, 2014 1:33 PM

To: KingWaterMasterPlans

Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

[REDACTED]

## Yulia Pak

---

**From:** Kevin Brown <kbrown@tmig.ca> on behalf of KingWaterMasterPlans <KingWaterMasterPlans@tmig.ca>  
**Sent:** Tuesday, May 13, 2014 2:57 PM  
**To:** [REDACTED] KingWaterMasterPlans  
**Cc:** John Vandenberg; Yulia Pak  
**Subject:** RE: Public consultation centre tonight

Hi [REDACTED]

Thank you for your suggestions. We agree with all them. We are considering that approach for the second PCC this fall, where we will be presenting the alternative solutions that will be evaluated further.

There are many different ways of having a Public Consultation in the Class EA process. Given that the purpose of tonight's Consultation is to introduce the project, the purpose of the study and the intended objectives, we felt that the Open House format would be appropriate. This format allows people to drop in and out over the course of the evening, according to whatever suits their schedules.

There will be staff present (Township and Consultant) to answer any questions individually, discuss any matters of interest pertaining to the project, and to assist in interpreting the presented materials, if necessary.

If you have additional suggestions or questions regarding the process, please feel free to connect with me or the project facilitator (Yulia Pak) at the meeting today or anytime via e-mail or by phone.

I look forward to seeing you at the meeting tonight,

-Kevin

Kevin Brown

### **The Municipal Infrastructure Group Ltd.**

Project Manager

Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

### **King Township Water/Wastewater and Stormwater Master Plans Project Team**



**KING TOWNSHIP  
PROJECT MANAGER**

**John Vandenberg, C.Tech.,  
EP  
Township of King  
2075 King Rd**



**CONSULTANT  
PROJECT MANAGER**

**Kevin Brown, P.Eng.  
The Municipal Infrastructure Group  
Ltd.  
8800 Dufferin Street, Suite 200**



**FACILITATION AND  
DECISION SUPPORT**

**Yulia Pak  
Swerhun Inc.  
720 Bathurst Street, Suite 500B  
Toronto, ON. M5S 2R4**

King City, ON. L7B 1A1  
E-Mail: [jvandenber@king.ca](mailto:jvandenber@king.ca)  
Phone: (905) 833-4059  
Fax: (905) 833-2300

Vaughan, ON. L4K 0C5  
E-Mail: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

E-Mail: [ypak@swerhun.com](mailto:ypak@swerhun.com)  
Phone: (416) 572 4365

-----Original Message-----

From: [REDACTED]  
Sent: Tuesday, May 13, 2014 1:33 PM  
To: KingWaterMasterPlans  
Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

[REDACTED]

## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Wednesday, May 14, 2014 3:47 PM  
**To:** Yulia Pak; kbrown@tmig.ca; jvandenber@king.ca  
**Subject:** FW: Undeliverable: Public consultation centre tonight

Hi Julia,

I thought that you might like to see that email that I mentioned yesterday. It was very strange that I got this message, then soon after got an automated message that said that my message was received and shortly after got the message from Kevin addressing my suggestion of a meeting.

[REDACTED]

---

**From:** [postmaster@tmig.ca](mailto:postmaster@tmig.ca) [<mailto:postmaster@tmig.ca>]  
**Sent:** May-13-14 1:35 PM  
**To:** [REDACTED]  
**Subject:** Undeliverable: Public consultation centre tonight

### Delivery has failed to these recipients or groups:

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

Your message can't be delivered because delivery to this address is restricted.

### Diagnostic information for administrators:

Generating server: tmig.ca

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

#550 5.7.1 RESOLVER.RST.AuthRequired; authentication required ##rfc822;kingwatermasterplans@tmig.ca

### Original message headers:

Received: from barracuda.tmig.ca (192.168.16.20) by TMIGSERVER2.hq.tmig.ca (192.168.16.6) with Microsoft SMTP Server id 14.1.438.0; Tue, 13 May 2014 13:34:42 -0400  
X-ASG-Debug-ID: 1400002388-01d82f08d80c210001-c3EFpj  
Received: from whub30.webhostinghub.com (whub30.webhostinghub.com [205.134.241.6]) by barracuda.tmig.ca with ESMTSP id nByYdIbvXZdwoqVj for <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>; Tue, 13 May 2014 13:33:09 -0400 (EDT)  
X-Barracuda-Envelope-From: [REDACTED]  
X-Barracuda-Apparent-Source-IP: 205.134.241.6  
Received: from cpebc1401e65903-cmbc1401e65900.cpe.net.cable.rogers.com ([99.243.135.21]:50373 helo=[192.168.0.11]) by whub30.webhostinghub.com with esmtpsa (TLSv1:AES128-SHA:128) (Exim 4.82) (envelope-from [REDACTED]) id 1WkGZe-00040Z-4A for [kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca); Tue, 13 May 2014 10:33:06 -0700  
Subject: Public consultation centre tonight



From: [REDACTED]  
X-ASG-Orig-Subj: Public consultation centre tonight  
Content-Type: text/plain; charset="us-ascii"  
X-Mailer: iPad Mail (11D201)  
Message-ID: <[D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca](mailto:D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca)>  
Date: Tue, 13 May 2014 13:33:06 -0400  
To: "[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)" <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>  
Content-Transfer-Encoding: quoted-printable  
MIME-Version: 1.0 (1.0)  
X-OutGoing-Spam-Status: No, score=-2.9  
X-AntiAbuse: This header was added to track abuse, please include it with any abuse report  
X-AntiAbuse: Primary Hostname - whub30.webhostinghub.com  
X-AntiAbuse: Original Domain - tmig.ca  
X-AntiAbuse: Originator/Caller UID/GID - [47 12] / [47 12]  
X-AntiAbuse: Sender Address Domain - hopkinson.ca  
X-Get-Message-Sender-Via: whub30.webhostinghub.com: authenticated\_id: [Nancy@hopkinson.ca](mailto:Nancy@hopkinson.ca)  
X-Barracuda-Connect: whub30.webhostinghub.com[205.134.241.6]  
X-Barracuda-Start-Time: 1400002388  
X-Barracuda-URL: <http://192.168.16.20:8000/cgi-mod/mark.cgi>  
X-Virus-Scanned: by bsmtpd at tmig.ca  
X-Barracuda-BRTS-Status: 1  
X-Barracuda-Spam-Score: 0.00  
X-Barracuda-Spam-Status: No, SCORE=0.00 using global scores of TAG\_LEVEL=2.5  
QUARANTINE\_LEVEL=1000.0 KILL\_LEVEL=4.0 tests=MIME\_QP\_LONG\_LINE  
X-Barracuda-Spam-Report: Code version 3.2, rules version 3.2.3.5780  
Rule breakdown below  
pts rule name description  
-----  
0.00 MIME\_QP\_LONG\_LINE RAW: Quoted-printable line longer than 76 chars  
Return-Path: [REDACTED]

## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Thursday, May 15, 2014 10:31 AM  
**To:** John Vandenberg; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

Thanks John, I just spoke with Stephen who was helpful and I look forward to further discussions in the near future.  
Warm regards,

[REDACTED]  
Broker  
Land Sales & Development  
[REDACTED]  
[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



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**From:** John Vandenberg [mailto:jvandenberg@king.ca]  
**Sent:** Thursday, May 15, 2014 10:24 AM  
**To:** [REDACTED]; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

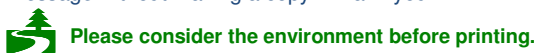
[REDACTED]  
I will defer to TMIG to further detail levels of “consideration” regarding this site and the Masterplanning process currently underway. The Township would be happy to meet with you as per your inquiry into potential development opportunities for the site however I feel Planning would be the lead respondent to these inquiries. I have copied the Township’s Director of Planning (Stephen Kitchen) for Planning comments/direction.

Thanks very much,

John Vandenberg C. Tech., EP  
Water & Wastewater Compliance and Engineering Technologist  
Engineering and Public Works  
Township of King  
905-833-4059  
[jvandenberg@king.ca](mailto:jvandenberg@king.ca)



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---

**From:** [REDACTED]  
**Sent:** May-15-14 9:43 AM  
**To:** KingWaterMasterPlans

**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Public Meeting

Thanks very much Kevin,

In particular, we have a large international corporation interested in the "Business" lands which are OP designated in the south part of Nobleton. This is directly to the east of the new Tribute subdivision on Hwy 27. Can you tell me if these lands are being considered in the study and any information that could help us assess the potential for development on those lands in the foreseeable future.

Thanks Kevin,

PS I would be pleased to meet with you and John to discuss further if that works for you...

Broker  
Land Sales & Development

[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans  
**Sent:** Thursday, May 15, 2014 9:24 AM  
**To:** [REDACTED]  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** RE: King Public Meeting

The presentation materials will be posted to the Project Website ([www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)) shortly, but I've attached them for your convenience.

Regards,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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---

**From:** [REDACTED]  
**Sent:** Wednesday, May 14, 2014 4:36 PM  
**To:** KingWaterMasterPlans  
**Subject:** King Public Meeting

I was unable to attend public meeting. If there was a hand out or presentation that can be emailed, could you kindly email same to me.

Thanks very much,

[REDACTED]

[REDACTED]

Broker  
Land Sales & Development

[REDACTED]

[REDACTED]

[REDACTED]

[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



Cushman & Wakefield Ltd.  
3100 Steeles Avenue East, Suite 1100 Markham, ON L3R 8T3

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We have taken precautions to minimize the risk of transmitting software viruses, but we advise you to carry out your own virus checks on any attachment to this message. We cannot accept liability for any loss or damage caused by software viruses.

## Yulia Pak

---

**From:** Steve Hollingworth <shollingworth@tmig.ca>  
**Sent:** Tuesday, May 27, 2014 11:57 AM  
**To:** Kevin Brown  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** RE: King Master Plans - PCC Phone Call

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I just spoke briefly with [REDACTED]

He was hoping that our study would provide some detail on the treatment of watercourses and other natural features, and would indicate locations for SWM ponds for future development areas in Nobleton (outside the approved urban boundary / sanitary servicing area).

I indicated that our study will likely include recommendations for stormwater management criteria for new development, but did not expect to be showing SWM pond locations for future development areas.

[REDACTED] will be requesting that we do this in his comment form (which you can expect shortly), and may follow up directly with Robert Flindall.

I indicated that we will discuss this issue in our next progress meeting with the Township.

Regards

Steve Hollingworth  
Senior Water Resources Engineer

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x 359 | c: 416.300.0415 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



*Any data provided is for information purposes only, and is under no circumstances a substitute for a Legal Survey. The information should not be relied upon without proper field verification. IMPORTANT: Carefully read the following disclaimer before using these data. By using these data, you indicate your acceptance and understanding of this disclaimer. DISCLAIMER: The Municipal Infrastructure Group Ltd. (TMIG) provides these digital data sets "as is". TMIG makes no guarantee concerning the accuracy of information contained in the geographic data. TMIG further makes no guarantee as to the condition of the product, or its fitness for any particular purpose. Determining fitness for use lies entirely with the user. If the user has modified the data in any way, they are obligated to describe the types of modifications to the end-user of the data. The user specifically agrees not to misrepresent these data sets, nor to imply that user modifications were approved by the TMIG.*

---

**From:** Kevin Brown  
**Sent:** May 27, 2014 10:30 AM  
**To:** Steve Hollingworth  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Master Plans - PCC Phone Call

Steve:

I received a voicemail message this morning from a gentleman that attended the PCC. Here are the details:

**-Name:** [REDACTED]

**-Phone Number:** [REDACTED]

**-Attended PCC?:** Yes

**-Message:**

- Was at the PCC.
- Calling about Nobleton.
- Questions re: Stormwater Master Plan
- Calling not only about the Existing and Designated areas, but the entire Community Boundary
- Questions about the locations of future Stormwater Management Ponds

Could you contact him to obtain more specific comments/question, and possibly address them at the same time? The Master Plan only covers the Existing and Designated lands, as there are no provisions under the Official Plan to address servicing outside of those areas at this time.

Thanks,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**

8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



*Any data provided is for information purposes only, and is under no circumstances a substitute for a Legal Survey. The information should not be relied upon without proper field verification. IMPORTANT: Carefully read the following disclaimer before using these data. By using these data, you indicate your acceptance and understanding of this disclaimer. DISCLAIMER: The Municipal Infrastructure Group Ltd. (TMIG) provides these digital data sets "as is". TMIG makes no guarantee concerning the accuracy of information contained in the geographic data. TMIG further makes no guarantee as to the condition of the product, or its fitness for any particular purpose. Determining fitness for use lies entirely with the user. If the user has modified the data in any way, they are obligated to describe the types of modifications to the end-user of the data. The user specifically agrees not to misrepresent these data sets, nor to imply that user modifications were approved by the TMIG.*

## Yulia Pak

---

**From:** [REDACTED]  
**Sent:** Thursday, May 29, 2014 8:40 PM  
**To:** kingwatermasterplans@tmig.ca  
**Subject:** RE: Comments  
**Attachments:** PIC 1 Question for EA.pdf

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I received your letter and although we have already submitted comments (attached). I did want to speak to the streetscaping, urbanization plans. I current guiding document for planning Nobleton is the Nobleton Community Plan, Amendment 57. That plan has a core area concept plan that was at the time supported quite strongly by the community, that is they asked that the plan developed by McDermott and Assoc be included in the Smith Bousfield plan. Nobleton sees itself as a rural village, many of our businesses are dependent on the agricultural community.

This concept plan provides a important transition between the old town core and the larger suburban style estate homes. Currently there is an issue with dump trucks and transport trucks speeding through town. The medians at the four corners will encourage the traffic to slow down in town. The McDermott concept also refers quite specifically to the policies in the plan such as the need to reduce the number of driveways by encouraging rear parking in the commercial district and the need to consolidate smaller commercial properties.

The extensive street trees will help to define the street edge and provide a more esthetically pleasing walking environment. Improvements to walkability are needed and can be accomplished by extending the sidewalks on the south side of King Road from Henry's Gate to the industrial area in the east. The heritage character of the Hambly House should be used as a template for design features, consider finding a way to incorporate gingerbread fretting.

Thank you for providing me with this opportunity to submit comments.

[REDACTED]

[REDACTED]

King Township is a rural municipality, with over 90% of our lands within the Oak Ridges Moraine and Greenbelt. The Provincial Places to Grow Plan was developed to prevent the unnecessary expansion of infrastructure. The Places to Grow Plan and the Greenbelt Plan work together to ensure growth is directed to 'Urban Growth Centres' where existing infrastructure is located which can accommodate growth. The cost of expanding infrastructure and the impact on our communities is a significant concern to my family.

I have the following comments:

- 1) Mapping at the PIC identified the 'designated' growth areas for King City, Nobleton and Schomberg for the current community plans. Mapping did not identify that this study was for growth projected beyond our current community plans.
- 2) The wastewater servicing map for Nobleton shown at the PIC is not consistent with the phase 1 collection system approved under the Nobleton EA and the original project mapping sent to households in the Spring of 2010.
- 3) The need for this EA did not appear to be quantified on any of the boards at the PIC. The wastewater systems and water collection systems are fairly new in both Nobleton and King City.

I have the following questions regarding the combined Master Plans:

- 1) Has the province conducted the implementation analysis to identify the implications for projected growth for water and sewer servicing as per section 5.3.4 of the growth plan? Have the sub area assessments been completed at the Region to determine the appropriate forms of growth management?
- 2) Is this E.A. being conducted to support the expansion of water and sewer servicing prior to amending the boundaries of the settlement areas in King Township? *Greenbelt Plan 4.2.2.4. "Where settlement area expansions are contemplated by a municipality, the environmental assessment in support of expanded sewage and water services must be completed or approved prior to amending the boundaries of the settlement within the municipal official plan."*
- 3) As the Official Plan has not been completed, we do not know where the future growth will occur. Should the Official Plan be completed prior to an environmental assessment? Why are we planning for infrastructure when we haven't completed the planning studies and don't know the future requirements of the systems? Should we be deciding the level of growth that is appropriate to each community prior to conducting the EA?
- 4) The Environmental Assessment is dealing with two separate and unique watersheds both located on the headwaters of the Oak Ridges Moraine and three communities. We will need to determine how we can maintain and improve water quantity and quality for our communities, our businesses and our ecosystems? Is the EA process comprehensive enough or can we consider approaching the issues through an integrated watershed resource management (IWRM) based approach?  
*IWRM -Three principles act together as the overall framework (Dublin Principal)*
  1. *Social equity: ensuring equal access for all users to an adequate quantity and quality of water necessary to sustain human well-being.*
  2. *Economic efficiency: bringing the greatest benefit to the greatest number of users possible with the available financial and water resources.*
  3. *Ecological sustainability: requiring that aquatic and water dependent ecosystems are acknowledged as users and that adequate allocation is made to improve their natural functioning.*
- 5) If a new sewage treatment plant is required or an expansion required for the sewage works will a separate E.A. be required by the Region of York?



- 6) Has the Region of York completed the water budget and water conservation plan for the watersheds where these communities reside? *To protect the hydrological integrity of the Moraine, the Plan stipulates that Upper Tier municipalities shall prepare watershed plans, water budgets and conservation plans, and that major development proposals within the Moraine must conform to them.* Will any undertaking resulting from this EA conform to the above hydrological studies?
- 7) Will the project research and analyze the most recent data to determine the problem, understand the need, and identify possible solutions? Will the impacts of climate change be evaluated and incorporated in projections?
- 8) Has the Township of King and the Region been proactive and implemented an optimization program for our water, stormwater and wastewater processes prior to commencing the EA? (e.g. water conservation, water recycling, alternative design standards for current works)
- 9) Processing water, whether it is from stormwater or wastewater is very costly. In Nobleton, water from sump pumps keeps our ditches running with water all four seasons. Can we consider alternative uses for this clean groundwater? I understand the Region of Waterloo has bylaws which provides incentives for keeping groundwater on our properties. Will alternative uses and policies be considered for the protection of our groundwater resources?
- 10) The area of Kinsley St and Faris Avenue in Nobleton has a stream running through the backyards that originates in the old truck wreckers lot. This watercourse has been a problem as the seasonal flooding has impacted our septic beds. With the sewer installation any potential health problems will be alleviated. Understanding the open ditches are better for water quality and the ecosystem than closed culverts are there methods to managing this watercourse that could be implemented? Will alternative design standards be considered as a first options for managing stormwater?

*Respectfully Submitted,*

████████████████████

██

*May 16, 2014*



## NOTICE OF PUBLIC CONSULTATION CENTRE KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. We would like to invite you, your friends, and your neighbours to participate in the upcoming Public Consultation Centre to inform these studies. At the PCC, you will be able to learn about our approach, ask us questions, and share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

The first PCC has been scheduled for:

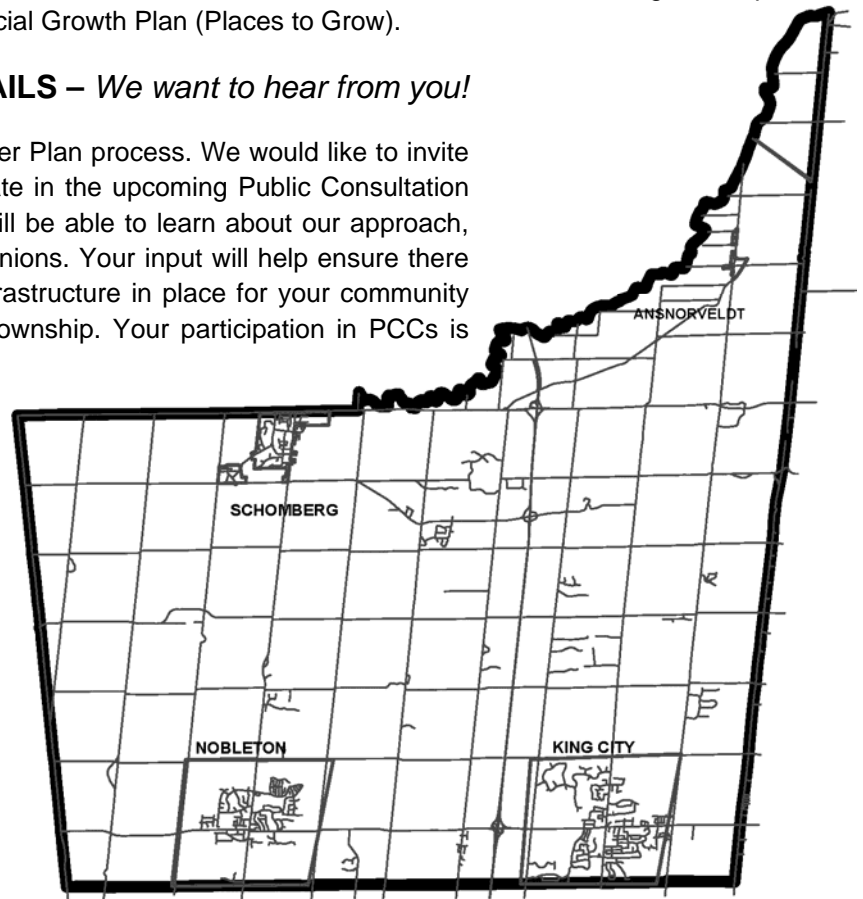
**Date:** Tuesday, May 13, 2014

**Time:** 6:30 to 8:30 p.m.

**Location:** Township of King Municipal Office  
Council Chamber

**Address:** 2075 King Road, King City

Public comment obtained at the PCC will be incorporated into the next phase of the Study, which is the selection of the preferred solutions for water servicing, wastewater servicing, and stormwater management.



Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.



## NOTICE OF PUBLIC CONSULTATION CENTRE # 2

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. The initial PCC was held in May 2014 to present the Study Background and Objectives. We would like to invite you, your friends, and your neighbours to participate in an upcoming Phase 2 Public Consultation Centre (PCC). At this Phase 2 PCC, you will learn about the preferred solutions for water, wastewater and stormwater management. You will have the opportunity to ask us questions, share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCC process is important to us.

This second round of PCCs has been scheduled for:

##### SCHOMBERG:

**Date:** Wednesday, July 15, 2015  
**Location:** Trisan Centre (Multi-Purpose Room)  
**Address:** 25 Dillane Drive, Schomberg

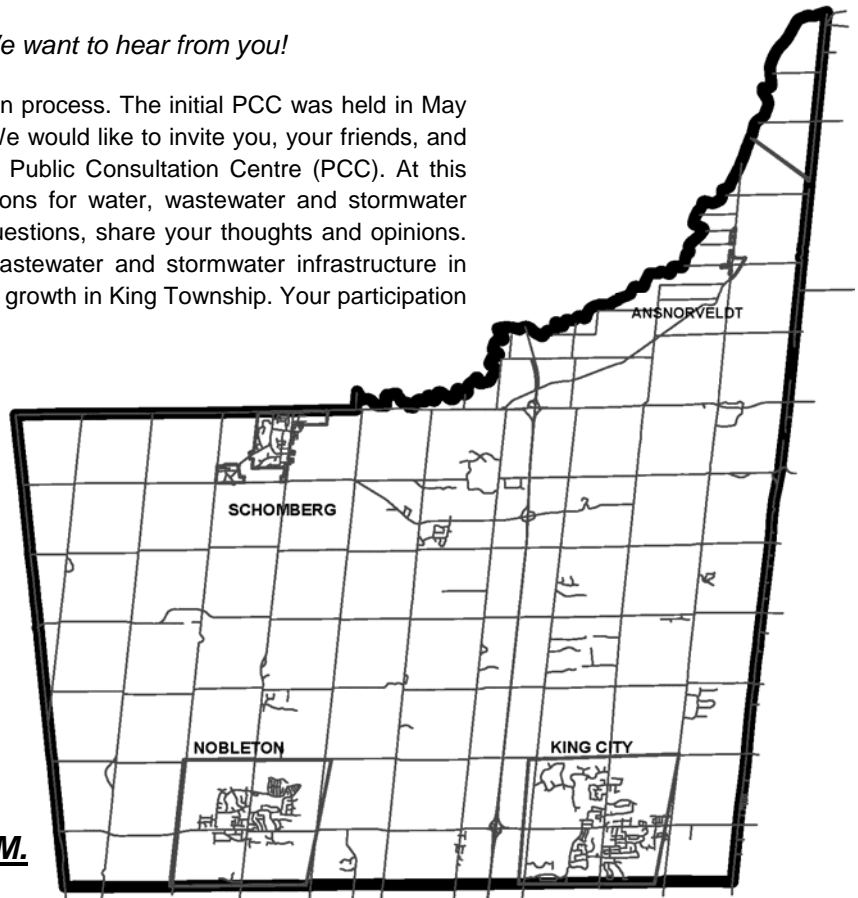
##### KING CITY:

**Date:** Thursday, July 16, 2015  
**Location:** King City Arena (Arena Hall)  
**Address:** 25 Doctors Lane, King City

##### NOBLETON:

**Date:** Tuesday, July 21, 2015  
**Location:** Nobleton Arena (Arena Hall)  
**Address:** 10 Old King Road, Nobleton

**Timing of all PCCs will be 6:30 to 8:30 PM.**



The PCC Format will consist of an Open House, with Township and Consultant Staff available to assist in the interpretation of the Presentation Materials and to answer any questions you might have.

The same information is being presented in each community, so you only need to attend one of these sessions.

Public comment obtained at the PCC will be incorporated into the final phase of the Study.

Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*

①

May 13, 2014

King Township

# Please sign in with your contact details

First Name	Last Name	Property / Affiliation (if any)	Mailing Address	Phone Number & Email
[REDACTED]	[REDACTED]	RESIDENT (KING CITY)	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	HEAD COUNTRY DAY SCHOOL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Resident	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	-	-	[REDACTED]
[REDACTED]	[REDACTED]	Res.	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	FARM	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	RURAL	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	KING RESIDENT	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	"	[REDACTED]	[REDACTED]



## Kevin Brown

---

**From:** Tas Candaras <tas@amcai.com>  
**Sent:** Sunday, March 16, 2014 10:05 AM  
**To:** Kevin Brown  
**Subject:** King Water Master Plan

Hi : Please add me to your study and updates mailing list.

Thanks

Tas Candaras, P.Eng.  
a.m. candaras associates inc.  
8551 Weston Road, Suite 203  
Woodbridge, Ontario  
L4L 9R4  
[Tel:\(905\)850-8020,Ext.222](tel:(905)850-8020)  
Fax:(905)850-8099  
Email: [Tas@amcai.com](mailto:Tas@amcai.com)

## Kevin Brown

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**From:** Allan,Sheila [Burlington] <Sheila.Allan@ec.gc.ca>  
**Sent:** Friday, March 21, 2014 2:37 PM  
**To:** KingWaterMasterPlans  
**Subject:** RE: NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Kevin,

Please remove my name in your contact list and replace it with:

Rob Dobos  
Manager, Environmental Assessment Section  
[rob.dobos@ec.gc.ca](mailto:rob.dobos@ec.gc.ca)  
905 336-4953

Thanks,

Sheila Allan

---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans  
**Sent:** March 21, 2014 1:57 PM  
**To:** KingWaterMasterPlans  
**Subject:** NOTICE OF COMMENCEMENT: King Township Water/Wastewater and Stormwater Master Plans

Please find attached the Notice of Commencement for the King Water/Wastewater and Stormwater Master Plans.

Additional notices will be forwarded to you at the appropriate times.

Additional information will be available at [www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans).

Regards,

Kevin Brown

**The Municipal Infrastructure Group Ltd.**  
Project Manager  
Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)



KING TOWNSHIP PROJECT MANAGER	CONSULTANT PROJECT MANAGER	FACILITATION AND DECISION SUPPORT
<p><b>John Vandenberg, C.Tech., EP</b>  <b>Township of King</b>            2075 King Rd            King City, ON. L7B 1A1            E-Mail: <a href="mailto:jvandenberg@king.ca">jvandenberg@king.ca</a>            Phone: (905) 833-4059            Fax: (905) 833-2300</p>	<p><b>Kevin Brown, P.Eng.</b>  <b>The Municipal Infrastructure Group Ltd.</b>            8800 Dufferin Street, Suite 200            Vaughan, ON. L4K 0C5            E-Mail: <a href="mailto:kbrown@tmig.ca">kbrown@tmig.ca</a>            Phone: (905) 738-5700 x247            Fax: (905) 738-0065</p>	<p><b>Yulia Pak</b>  <b>Swerhun Inc.</b>            720 Bathurst Street, Suite 500B            Toronto, ON. M5S 2R4            E-Mail: <a href="mailto:ypak@swerhun.com">ypak@swerhun.com</a>            Phone: (416) 572 4365</p>



## Kevin Brown

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**From:** Angelo Miranda <Angelo.Miranda@senecacollege.ca>  
**Sent:** Tuesday, March 25, 2014 12:02 PM  
**To:** KingWaterMasterPlans  
**Subject:** FW: Response Form for Seneca College  
**Attachments:** Scanned from a Xerox multifunction device.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Attention: Kevin Brown, P.Eng.

Please find attached the completed response form for Seneca College regarding the water/wastewater and stormwater master plans. Seneca College is very interested in supporting this process to ensure municipal sewage and water plans include and take into account the demands of Seneca College's King campus.

Regards,  
Angelo J. Miranda, P.Eng.  
Director, Major Capital Projects  
Seneca College



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905 833 5321  
Fax: 905 833 2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
**Reply to: KingWaterMasterPlans@tmig.ca**

Name: Angela J. Mivanda, P. Eng.  
Agency/Office: Seneca College of Applied Arts + Technology  
Address: 13990 Dufferin Street, King City, Ontario  
\_\_\_\_\_  
\_\_\_\_\_

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
**Email: KingWaterMasterPlans@tmig.ca**  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

We are interested in the following municipal infrastructure:  
a) Sewage line up Keele St to Keele/15th sideroad intersection  
b) Municipal water servicing along 15th sideroad.  
c) Municipal water servicing along Dufferin to 15th Sideroad or north of 15th sideroad.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

March 25, 2014  
Date

Angela J. Mivanda, P. Eng.  
Per

## Kevin Brown

---

**From:** Burkart, Jackie (MNR) <Jackie.Burkart@ontario.ca>  
**Sent:** Thursday, March 27, 2014 11:13 AM  
**To:** KingWaterMasterPlans  
**Subject:** NoC King Township Water Wastewater and Stormwater Master Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

The Ministry of Natural Resources cannot, at this time, determine if we would have any concerns with the subject EA. Please keep us informed of the EA as it progresses. **Electronic submissions are preferred.**

Thanks,

---

### Jackie Burkart

District Planner

Ministry of Natural Resources | 50 Bloomington Road, Aurora, ON L4G 0L8 | Phone: 905-713-7368 | Fax: 905-713-7360 | Email: [jackie.burkart@ontario.ca](mailto:jackie.burkart@ontario.ca) |

## Kevin Brown

---

**From:** Shirali, Nisha (ENE) <Nisha.Shirali@ontario.ca>  
**Sent:** Thursday, March 27, 2014 1:55 PM  
**To:** John Vandenberg  
**Cc:** Kevin Brown; Fumerton, Dave (ENE)  
**Subject:** MOE comments - Class EA for King Township Water, Wastewater and SWM Master Plans  
**Attachments:** TSS NoC Comment - King Water WW and SWM Master Plan.pdf

Mr. Vandenberg,

Please find attached a response from the Ministry of the Environment's Central Region office regarding the Notice of Commencement of the Class EA Study for the King Township Water, Wastewater and Stormwater Master Plans.

Should you have any questions, please contact the undersigned.

Best wishes,

**Nisha Shirali, M.Pl., MCIP RPP**

Environmental Resource Planner & EA Coordinator  
Ministry of the Environment  
Central Region, Technical Support Section  
5775 Yonge Street, 9th Fl  
Toronto, ON M2M 4J1  
Ph: (416) 326-3469



**Ministry of the Environment**

Central Region  
Technical Support Section

5775 Yonge Street, 8<sup>th</sup> Floor  
North York, Ontario M2M 4J1

Tel.: (416) 326-6700  
Fax: (416) 325-6347

**Ministère de l'Environnement**

Région du Centre  
Section d'appui technique

5775, rue Yonge, 8<sup>ième</sup> étage  
North York, Ontario M2M 4J1

Tél. : (416) 326-6700  
Télééc. : (416) 325-6347

March 27, 2014

File No.: EA01-06-11

John Vandenberg, C. Tech., EP  
King Township, Engineering and Public Works  
2075 King Road  
King City, ON L7B 1A1

**RE: King Township Water/Wastewater and Stormwater Master Plans  
Township of King  
Class Environmental Assessment  
Response to Notice of Commencement**

Dear Mr. Vandenberg,

This letter is our response to the Notice of Study Commencement for the above noted project. This response acknowledges that the Township of King has indicated that its study is following the approved environmental planning process for a Master Plan project under the *Municipal Engineers Association Municipal Class Environmental Assessment (Class EA)*.

Based on the information submitted, we have identified the following areas of interest with respect to the proposed undertaking:

- Ecosystem Protection and Restoration
- Surface Water
- Groundwater
- Air Quality, Dust and Noise
- Servicing and Facilities
- Contaminated Soils
- Mitigation and Monitoring
- Planning and Policy
- Class EA Process
- Aboriginal Consultation

We are providing the following general comments to assist your team in effectively addressing these areas of interest:

**Ecosystem Protection and Restoration**

- Any impacts to ecosystem form and function must be avoided where possible. The Master Plan should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. Our records confirm that the following sensitive environmental features are located within or adjacent to the study area:
  - Areas of Natural and Scientific Interest (ANSIs)
  - Rare Species of flora or fauna
  - Watercourses
  - Wetlands

- Woodlots

We recommend consulting with the Ministry of Natural Resources (MNR), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional study will be necessary to preserve and protect these sensitive features.

### **Surface Water**

- The Master Plan must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's *Stormwater Management Planning and Design Manual (2003)* should be referenced in the Master Plan and utilized when designing stormwater control methods. We recommend that a Stormwater Management Plan should be prepared as part of the Class EA process that includes:
  - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
  - Watershed information, drainage conditions, and other relevant background information
  - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
  - Information on maintenance and monitoring commitments.

### **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the Master Plan.
- If the potential construction or decommissioning of water wells is identified as an issue, the Master Plan should refer to Ontario Regulation 903, Wells, under the *Ontario Water Resources Act*.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.

Any potential approval requirements for groundwater taking or discharge should be identified in the Master Plan. In particular, a Permit to Take Water (PTTW) under the *Ontario Water Resources Act* will be required for any water takings that exceed 50,000 litres per day.

## **Air Quality, Dust and Noise**

- Any potential air quality impacts should be assessed and used in the evaluation of alternatives for the proposed project. Appropriate mitigation measures of any potential effects should be identified.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.

## **Servicing and Facilities**

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's "D-Series" guidelines – *Land Use Compatibility* to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

## **Contaminated Soils**

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act (EPA)* and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. We recommend contacting the ministry's York Durham District Office in Ajax for further consultation if contaminated sites are present.
- The location of any underground storage tanks should be investigated in the Master Plan. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Any current or historical waste disposal sites should be identified in the Master Plan. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the *Environmental Protection Act* may be required for land uses on former disposal sites.
- The Master Plan should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

## **Mitigation and Monitoring**

- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- All waste generated during construction must be disposed of in accordance with ministry requirements.

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the Master Plan and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly. The proponent's construction and post-construction monitoring plans should be documented in the Master Plan.

## **Planning and Policy**

- Parts of the study area are subject to the *Oak Ridges Moraine Conservation Plan and Growth Plan for the Greater Golden Horseshoe*. The Master Plan should demonstrate how the proposed study adheres to the relevant policies in these plans.
- The 2005 Provincial Policy Statement contains policies that protect Ontario's natural heritage and water resources, including designated vulnerable areas mapped in source water protection assessment reports under the *Clean Water Act*. Applicable policies should be referenced in the Master Plan, and the proponent should demonstrate how this proposed project is consistent with these policies. Assessment reports can be found on the Conservation Ontario website at: [http://www.conservation-ontario.on.ca/source\\_protection/otherswpreionsindex.htm](http://www.conservation-ontario.on.ca/source_protection/otherswpreionsindex.htm).

## **Class EA Process**

- There are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act*, although the plan itself would not be.
- The Master Plan should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making. The Master Plan must also demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all public consultation efforts undertaken during the planning process. Additionally, the Master Plan should identify all concerns that were raised and how they have been addressed throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The Master Plan should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the Master Plan.
- Please include in the Master Plan a list of all subsequent permits or other approvals that may be required for the implementation of the preferred alternative, including Permits to Take Water, Environmental Compliance Approvals, approval under the *Canadian Environmental Assessment Act* (CEAA), and conservation authority permits.



- Please note that ministry guidelines and other information related to the issues noted above are available at [www.ene.gov.on.ca](http://www.ene.gov.on.ca) under the publications link. We encourage you to review all the available guides and to reference any relevant information in the Master Plan.

### **Aboriginal Consultation**

- The Crown has a duty to consult First Nation and Métis communities if there is a potential impact to Aboriginal or treaty rights. As the proponent of this project, you have a responsibility to conduct adequate consultation with First Nation and Métis communities as part of the environmental assessment process. The Crown is therefore, delegating the procedural aspects of consultation to you as outlined in the attached document.
- You must contact the Director, Environmental Approvals Branch if a project may adversely affect an Aboriginal or treaty right, or if a Part II Order is anticipated; the ministry will then determine whether the Crown has a duty to consult. Information and resources to assist you in fulfilling this requirement are provided as an attachment.

Thank you for the opportunity to comment on this project. A draft copy of the Master Plan should be sent to this office prior to the filing of the final draft, allowing approximately 30 days review time for the ministry's reviewers to provide comments. Please also forward our office the Notice of Completion and Master Plan when completed. Should your team have any questions regarding the above, please contact me at 416-326-3469.

Yours sincerely,



Nisha Shirali  
Environmental Resource Planner and EA Coordinator  
Air, Pesticides and Environmental Planning

- c. D. Fumerton, York Durham District Office, MOE  
Central Region EA File  
A & P File

## ABORIGINAL CONSULTATION INFORMATION

### Interest-based consultation with First Nation and Métis Communities

Proponents subject to the *Environmental Assessment Act* are required to consult with interested First Nation and Métis communities in addition to consultation with interested persons. Special effort may be required to ensure that First Nation and Métis communities are made aware of the project and are afforded an opportunity to provide comments.

Proponents are required to contact the Ministry of Aboriginal Affairs (MAA) and Aboriginal Affairs and Northern Development Canada (AANDC) to help identify which First Nation and Métis communities may be impacted by your project. **It is important to ensure that MAA and AANDC are advised of any communities identified for consultation during previous stages of the project when making this request.** For more information in this regard, refer to the Aboriginal Information Resources web page of the Ministry of the Environment's internet site at:

<http://www.ene.gov.on.ca/en/eaab/aboriginal-resources.php>

You are advised to provide notification directly to all of the First Nation and Métis communities who may be interested in the project.

### Rights-based consultation with First Nation and Métis Communities

Proponents should also be aware that certain projects may affect the ability of a First Nation or Métis community to exercise their confirmed or asserted Aboriginal or treaty rights. In such cases, Ontario may have a duty to consult to ensure the protection of the potentially affected right. Activities which may restrict access to unoccupied Crown lands, or could result in a potential to impact to land or water resources, generally have the potential to impact Aboriginal or treaty rights. For assistance in determining whether your project could affect these rights, refer to the attached "Preliminary Assessment Checklist: First Nation and Métis Community Interest."

If there is an impact to Aboriginal or treaty rights, accommodation may be required to avoid or minimize the adverse impacts. Accommodation is an outcome of consultation and includes any mechanism used to avoid or minimize adverse impacts to Aboriginal or treaty rights and traditional uses. Solutions could include adjustments in the timing or geographic location of the proposed activity; accommodation does not necessarily require the provision of financial compensation.

The proponent must contact the Director, Environmental Approvals Branch if a project may **adversely affect an Aboriginal or treaty right**, or if a **Part II Order or an elevation request is anticipated**; the Ministry will then determine whether the Crown has a duty to consult.

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to [EAASIBgen@ontario.ca](mailto:EAASIBgen@ontario.ca) or by mail or fax at the address provided below:

<b>Email:</b>	<a href="mailto:EAASIBgen@ontario.ca">EAASIBgen@ontario.ca</a> Subject: Potential Duty to Consult
<b>Fax:</b>	416-314-8452
<b>Address:</b>	Environmental Approvals Branch 12A Flr 2 St Clair Ave W Toronto ON M4V1L5

## Delegation of Procedural Aspects of Consultation

Proponents, by virtue of their knowledge and participation in project activities, have an important and direct role in the consultation process to ensure both success and certainty. Where the Crown's duty to consult is triggered, **Ontario is delegating these procedural aspects of this rights-based consultation to you as the proponent of the project.**

Ontario will have an oversight role as the consultation process unfolds but will be relying on the steps undertaken and information you obtain to ensure adequate consultation has taken place. To ensure that First Nation and Métis communities have the ability to assess a project for its potential to impact on an Aboriginal or treaty right, there are certain procedural aspects of consultation that Ontario requires proponents to undertake.

The responsibilities of the proponent for procedural aspects of consultation include:

- Providing notice to the elected leadership of the First Nation and/or Métis communities (e.g., First Nation Chief) as early as possible regarding the project;
- Providing First Nation and/or Métis communities with information about the proposed project including anticipated impacts, information on timelines and your environmental assessment process;
- Following up with First Nation and/or Métis communities to ensure they received project information and that they are aware of the opportunity to express comments and concerns about the project; if you are unable to make the appropriate contacts (e.g. are unable to contact the Chief) please contact the Ministry of the Environment for further direction.
- Providing First Nation and/or Métis communities with opportunities to meet with appropriate representatives to discuss the project;
- Gathering information about how the project may adversely impact the Aboriginal and/or Treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns provided by First Nation and/or Métis communities and providing responses;
- Where appropriate, discussing potential mitigation strategies with First Nation and/or Métis communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation.
- Maintaining a Consultation Record and upon request, providing copies of the Consultation Record to Ontario. The Consultation Record should:
  - summarize the nature of any comments and questions received from First Nation and/or Métis communities
  - describe the response to comments and how concerns were considered
  - include a communications log indicating the dates and times of all communications; and
  - document activities in relation to consultation.

Successful consultation depends, in part, on early engagement by proponents with First Nation and Métis communities. Information shared with communities must be clear, accurate and complete, and in plain language where possible. The consultation process must maintain sufficient flexibility to

respond to new information, and we trust you will make all reasonable efforts to build positive relationships with all First Nation and Métis communities contacted.

**Preliminary Assessment Checklist: First Nation and Métis Community Interest**

Some main concerns of First Nation and Métis communities deal with/address rights for hunting, gathering, trapping, and fishing – these activities generally occur on Crown land or water bodies. As such, projects related to Crown land or water bodies, or changes to them, may be of concern.

Where you have identified that your project may trigger rights-based consultation through the following questions, a pre-consultation meeting with the ministry and proponent will provide an early opportunity to confirm whether Ontario’s duty to consult is triggered and to discuss roles and responsibilities in that event.

Please answer the following questions. A “yes” response will indicate a potential impact on Aboriginal or treaty rights.

	YES	NO
<p>1. Are you aware of concerns from First Nation and Métis communities about your project or a similar project in the area?</p> <p>The types of concerns can range from interested inquiries to environmental complaints, and even to land use concerns. You should consider whether the interest represents on-going, acute and/or widespread concern.</p>		
<p>2. Is your project occurring on Crown land, or is it close to a water body, or might it change access to either?</p>		
<p>3. Is the project located in an open or forested area where hunting or trapping could take place?</p>		
<p>4. Does the project involve the clearing of forested land?</p>		
<p>5. Is the project located away from developed, urban areas?</p>		
<p>6. Is your project close to, or adjacent to, an existing reserve?</p> <p>Projects in areas near reserves may be of interest to your First Nation and Métis community neighbours.</p>		
<p>7. Will the project affect First Nations and/or Métis right of access?</p>		
<p>8. Is the area subject to a land claim?</p> <p>Information about land claims filed in Ontario is available from the Ministry of Aboriginal Affairs; information about claims filed with the federal government is available from Aboriginal Affairs and Northern Development Canada.</p>		
<p>9. Does the project have potential to cause cumulative effects at the present time or over a long period of time (e.g. several small expansions of an urban area)?</p>		
<p>10. Does the project have the potential to impact any archaeological sites?</p>		

## Kevin Brown

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**From:** Zirger, Rosi (MTCS) <Rosi.Zirger@ontario.ca>  
**Sent:** Wednesday, April 02, 2014 11:00 AM  
**To:** KingWaterMasterPlans  
**Subject:** King Township Water/Wastewater and Stormwater Mater Plans  
**Attachments:** King Water Master Plan EA.pdf; Criteria for Evaluating Archaeological Potential-MTC July 2011.pdf; Screening for Impacts to Built Heritage and Cultural Heritage Landscapes-MTC-Nov2010.pdf

**Project: King Township Water/Wastewater and Stormwater Mater Plans**  
**Location: Township of King**  
**MTCS File: 001047**

Dear Mr. Brown

On March 21, 2014 the Ministry of Tourism, Culture and Sport (MTCS) received a Notice of Commencement for the project mentioned above. MTCS's interest in this class EA project relates to its mandate of conserving, protecting and preserving Ontario's cultural heritage, including:

- archaeological resources,
- built heritage resources, and
- cultural heritage landscapes.

We apologize for the late reply. As requested we attach your completed Response Form.

MTCS would be interested in remaining on the circulation list and being informed of the project as it proceeds through the EA process. We would ask that you send future notices to Rosi Zirger Heritage Planner at the address below.

We recommend that the Master Planning study identify cultural heritage resources which may exist in the area(s) under study and propose means to protect and conserve any culutral heritage resources that might be impacted by future improvements. For your information and future consideration attached are the following checklists used by MTCS:

**Archaeology:**

- MTCS's *Criteria for Evaluating Archaeological Potential*, which identifies characteristics of the property that indicate whether archaeological resources might be present and/or impacted. If any of the criteria are met, then an archaeological assessment by a licensed archaeologist will be necessary for the project. The licensed archaeologist will forward all completed archaeological assessment reports to the Ministry for review by an Archaeological Review Officer; and

**Built Heritage and Cultural Heritage Landscape:**

- *Checklist for Screening for Impacts to Built Heritage and Cultural Heritage Landscapes* which is used in order to determine the existing cultural conditions, and to help identify known and potential built heritage resources and cultural heritage landscapes. As part of the screening we suggest that the Municipal Clerk or Planning department be contacted to determine if there are any properties that have been listed or designated under the *Ontario Heritage Act*.

Regarding built heritage and cultural heritage landscapes, we further recommend consultation with established municipal heritage groups such as Municipal Heritage Committee.

MTCS's advice on any cultural heritage assessment work that may be indicated will be based on the information provided in the completed checklist as well as any additional relevant information, including photographs and site plans.

We hope that you will find this information helpful. We look forward to the opportunity to review the results of the environmental assessment.

If you have any questions or concerns please feel free to contact me.

Sincerely

**Rosi Zirger**

Heritage Planner

Ministry of Tourism, Culture & Sport

Culture Division | Programs & Services Branch | Culture Services Unit

401 Bay Street, Suite 1700 Toronto, Ontario M7A 0A7

Tel. 416.314.7159 | Fax 416.314.7175 | E-mail: [rosi.zirger@ontario.ca](mailto:rosi.zirger@ontario.ca)



King Township  
2075 King Road  
King City, Ontario  
Canada L7B 1A1

Phone: 905.833.5321  
Fax: 905.833.2300  
Website: www.king.ca

**WATER/WASTEWATER AND STORMWATER MASTER PLANS**  
**Notice of Commencement - RESPONSE FORM**  
Reply to: KingWaterMasterPlans@tmig.ca

Name: Ms. ROSI ZIRGER, HERITAGE PLANNER  
Agency/Office: MINISTRY OF TOURISM, CULTURE & SPORT (CULTURE SERVICES)  
Address: 401 BAY STREET, SUITE 1700  
TORONTO, ON M7A 0A7

Please provide comments/input in the space provided (or check the box below) and return the signed form to TMIG on or before **March 31, 2014**.

**THE MUNICIPAL INFRASTRUCTURE GROUP LTD.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON. L4K 0C5  
Attention: Kevin Brown, P.Eng  
Email: KingWaterMasterPlans@tmig.ca  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

MTCS'S INTEREST IN THIS PROJECT IS CULTURAL HERITAGE RESOURCES:  
• ARCHAEOLOGICAL RESOURCES  
• BUILT HERITAGE RESOURCES  
• CULTURAL HERITAGE LANDSCAPES

PLEASE FIND SCREENING CHECKLISTS ATTACHED.

This Agency/Office will not be providing input to or participating in the Water/Wastewater and Stormwater Master Plans Class EA study.

April 2, 2014

Date

Rosi Zm

Per

“Archaeological potential” is a term used to describe the likelihood that a property contains archaeological resources. This checklist is intended to assist non-specialists screening for the archaeological potential of a property where site alteration is proposed.

Note: for projects seeking a Renewable Energy Approval under Ontario Regulation 359/09, the Ministry of Tourism and Culture has developed a separate checklist to address the requirements of that regulation.

Project Name
Project Location
Proponent Name
Proponent Contact Information

Known Archaeological Sites	Yes	Unknown	No
1. Known archaeological sites within 300 m of property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Known Archaeological Sites	Yes	Unknown	No
2. Body of water within 300 m of property If yes, what kind of water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) Primary water source (lake, river, large creek, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Secondary water source (stream, spring, marsh, swamp, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Past water source (beach ridge, river bed, relic creek, ancient shoreline, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topographical features on property (knolls, drumlins, eskers, or plateaus)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pockets of sandy soil (50 m <sup>2</sup> or larger) in a clay or rocky area on property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Distinctive land formations on property (mounds, caverns, waterfalls, peninsulas, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Features	Yes	Unknown	No
6. Known burial site or cemetery on or adjacent to the property (cemetery is registered with the Cemeteries Regulation Unit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Food or scarce resource harvest areas on property (traditional fishing locations, agricultural/berry extraction areas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Indications of early Euro-Canadian settlement within 300 m of property (monuments, cemeteries, structures, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Early historic transportation routes within 100 m of property (historic road, trail, portage, rail corridor, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property-specific Information	Yes	Unknown	No
10. Property is designated and/or listed under the <i>Ontario Heritage Act</i> (municipal register and lands described in Reg. 875 of the <i>Ontario Heritage Act</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Local knowledge of archaeological potential of property (from aboriginal communities, heritage organisations, municipal heritage committees, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Recent deep ground disturbance <sup>†</sup> (post-1960, widespread and deep land alterations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>†</sup> Archaeological potential can be determined not to be present for either the entire property or a part(s) of it when the area under consideration has been subject to widespread and deep land alterations that have severely damaged the integrity of any archaeological resources. Deep disturbance may include quarrying or major underground infrastructure development. Activities such as agricultural cultivation, gardening, minor grading and landscaping are not necessarily considered deep disturbance. Alterations can be considered to be extensive or widespread when they have affected a large area, usually defined as the majority of a property.



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**Scoring the results:**

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If **Yes** to **any** of **1, 2a, 2b, 2c, 6, 10, or 11** → high archaeological potential – assessment is required

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If **Yes** to **two or more** of **3, 4, 5, 7, 8, or 9** → high archaeological potential – assessment is required

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If **Yes** to **12** or **No** to all of **1 - 10** → **low** archaeological potential – assessment is not required

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If 3 or more **Unknown** → an archaeological assessment is required (see note below)

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† **Note:** If information requested in this checklist is unknown, a consultant archaeologist licensed under the *Ontario Heritage Act* should be retained to carry out at least a Stage 1 archaeological assessment to further explore the archaeological potential of the property and to prepare a report on the results of that assessment. The Ministry of Tourism and Culture reviews all such reports prepared by consultant archaeologists against the ministry's Standards and Guidelines for Consultant Archaeologists. Once the ministry is satisfied that, based on the available information, the report has been prepared in accordance with those guidelines, the ministry issues an acceptance letter to the consultant archaeologist and places the report into its registry where it is available for public inspection.

### Screening for Impacts to Built Heritage and Cultural Heritage Landscapes

This checklist is intended to help proponents determine whether their project could affect known or potential cultural heritage resources. The completed checklist should be returned to the appropriate Heritage Planner or Heritage Advisor at the Ministry of Tourism and Culture.

#### Step 1 – Screening for Recognized Cultural Heritage Value

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Is the subject property designated or adjacent* to a property designated under the <i>Ontario Heritage Act</i> ?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property listed on the municipal heritage register or a provincial register/list? (e.g. Ontario Heritage Bridge List)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property within or adjacent to a Heritage Conservation District?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Does the subject property have an Ontario Heritage Trust easement or is it adjacent to such a property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Is there a provincial or federal plaque on or near the subject property?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property a National Historic Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property recognized or valued by an Aboriginal community?

#### Step 2 – Screening Potential Resources

YES	NO	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Built heritage resources</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Does the subject property or an adjacent property contain any buildings or structures <b>over forty years old<sup>†</sup></b> that are:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Residential structures (e.g. house, apartment building, shanty or trap line shelter)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Farm buildings (e.g. barns, outbuildings, silos, windmills)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Industrial, commercial or institutional buildings (e.g. a factory, school, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Engineering works (e.g. bridges, water or communications towers, roads, water/sewer systems, dams, earthworks, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Monuments or Landmark Features (e.g. cairns, statues, obelisks, fountains, reflecting pools, retaining walls, boundary or claim markers, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Is the subject property or an adjacent property associated with a known architect or builder?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the subject property or an adjacent property associated with a person or event of historic interest?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. When the municipal heritage planner was contacted regarding potential cultural heritage value of the subject property, did they express interest or concern?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Cultural heritage landscapes</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Does the subject property contain landscape features such as:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Burial sites and/or cemeteries
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Parks or gardens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Quarries, mining, industrial or farming operations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Canals
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Prominent natural features that could have special value to people (such as waterfalls, rocky outcrops, large specimen trees, caves, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	▪ Evidence of other human-made alterations to the natural landscape (such as trails, boundary or way-finding markers, mounds, earthworks, cultivation, non-native species, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Is the subject property within a Canadian Heritage River watershed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Is the subject property near the Rideau Canal Corridor UNESCO World Heritage Site?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Is there any evidence from documentary sources (e.g., local histories, a local recognition program, research studies, previous heritage impact assessment reports, etc.) or local knowledge or Aboriginal oral history, associating the subject property/ area with historic events, activities or persons?

**Note:**

If the answer is "yes" to any question in Step 1, proceed to Step 3.

The following resources can assist in answering questions in Step 1:

**Municipal Clerk or Planning Department** – Information on properties designated under the Ontario Heritage Act (individual properties or Heritage Conservation Districts) and properties listed on a Municipal Heritage register.

**Ontario Heritage Trust** – Contact the OHT directly regarding easement properties. A list of OHT plaques can be found on the website: [Ontario Heritage Trust](#)

**Parks Canada** – A list of National Historic Sites can be found on the website: [Parks Canada](#)

**Ministry of Tourism and Culture** – The Ontario Heritage Properties Database includes close to 8000 identified heritage properties. Note while this database is a valuable resource, it has not been updated since 2005, and therefore is not comprehensive or exhaustive. [Ontario Heritage Properties Database](#)

**Local or Provincial archives**

**Local heritage organizations**, such as the municipal heritage committee, historical society, local branch of the Architectural Conservancy of Ontario, etc.

Consideration should also be given to obtaining oral evidence of CHRs. For example, in many Aboriginal communities, an important means of maintaining knowledge of cultural heritage resources is through oral tradition.

If the answer is "yes" to any question in Step 2, an evaluation of cultural heritage value is required. If cultural heritage resources are identified, proceed to Step 3.

If the answer to any question in Step 1 or to questions 2-4, 6-8 in Step 2, is "unknown", further research is required.

If the answer is "yes" to any of the questions in Step 3, a heritage impact assessment is required.

If uncertainty exists at any point, the services of a qualified person should be retained to assist in completing this checklist. All cultural heritage evaluation reports and heritage impact assessment reports must be prepared by a qualified person. Qualified persons means individuals (professional engineers, architects, archaeologists, etc.) having relevant, recent experience in the identification and conservation of cultural heritage resources. Appropriate evaluation involves gathering and recording information about the property sufficient to understand and substantiate its heritage value; determining cultural heritage value or interest based on the advice of qualified persons and with appropriate community input. If the property meets the criteria in Ontario Regulation 9/06 under the Ontario Heritage Act, it is a cultural heritage resource.

† The 40 year old threshold is an indicator of potential when conducting a preliminary survey for identification of cultural heritage resources. While the presence of a built feature that is 40 or more years old does not automatically signify cultural heritage value, it does make it more likely that the property could have cultural heritage value or interest. Similarly, if all the built features on a property are less than 40 years old, this does not automatically mean the property has no cultural heritage value. Note that age is not a criterion for designation under the *Ontario Heritage Act*.

**Step 3 – Screening for Potential Impacts**

YES	NO	Will the proposed undertaking/project involve or result in any of the following potential impacts to the subject property or an adjacent* property?
<input type="checkbox"/>	<input type="checkbox"/>	<b>Destruction, removal or relocation</b> of any, or part of any, heritage attribute or feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Alteration</b> (which means a change in any manner and includes restoration, renovation, repair or disturbance).
<input type="checkbox"/>	<input type="checkbox"/>	<b>Shadows</b> created that alter the appearance of a heritage attribute or change the exposure or visibility of a natural feature or plantings, such as a garden.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Isolation</b> of a heritage attribute from its surrounding environment, context or a significant relationship.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Direct or indirect obstruction</b> of significant views or vistas from, within, or to a built or natural heritage feature.
<input type="checkbox"/>	<input type="checkbox"/>	<b>A change in land use</b> such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces.
<input type="checkbox"/>	<input type="checkbox"/>	<b>Soil disturbance</b> such as a change in grade, or an alteration of the drainage pattern, or excavation, etc.

\* For the purposes of evaluating potential impacts of development and site alteration "adjacent" means: contiguous properties as well as properties that are separated from a heritage property by narrow strip of land used as a public or private road, highway, street, lane, trail, right-of way, walkway, green space, park, and/or easement or as otherwise defined in the municipal official plan.

**Yulia Pak**

---

**Subject:** FW: Public consultation centre tonight

-----Original Message-----

From: Nancy Hopkinson [<mailto:nancy@hopkinson.ca>]

Sent: Tuesday, May 13, 2014 1:33 PM

To: KingWaterMasterPlans

Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

Nancy

## Yulia Pak

---

**From:** Kevin Brown <kbrown@tmig.ca> on behalf of KingWaterMasterPlans <KingWaterMasterPlans@tmig.ca>  
**Sent:** Tuesday, May 13, 2014 2:57 PM  
**To:** Nancy Hopkinson; KingWaterMasterPlans  
**Cc:** John Vandenberg; Yulia Pak  
**Subject:** RE: Public consultation centre tonight

Hi Nancy,

Thank you for your suggestions. We agree with all them. We are considering that approach for the second PCC this fall, where we will be presenting the alternative solutions that will be evaluated further.

There are many different ways of having a Public Consultation in the Class EA process. Given that the purpose of tonight's Consultation is to introduce the project, the purpose of the study and the intended objectives, we felt that the Open House format would be appropriate. This format allows people to drop in and out over the course of the evening, according to whatever suits their schedules.

There will be staff present (Township and Consultant) to answer any questions individually, discuss any matters of interest pertaining to the project, and to assist in interpreting the presented materials, if necessary.

If you have additional suggestions or questions regarding the process, please feel free to connect with me or the project facilitator (Yulia Pak) at the meeting today or anytime via e-mail or by phone.

I look forward to seeing you at the meeting tonight,

-Kevin

Kevin Brown

### **The Municipal Infrastructure Group Ltd.**

Project Manager

Part of the King Township Water/Wastewater and Stormwater Master Plans Project Team

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

### **King Township Water/Wastewater and Stormwater Master Plans Project Team**



**KING TOWNSHIP  
PROJECT MANAGER**

**John Vandenberg, C.Tech.,  
EP  
Township of King  
2075 King Rd**



**CONSULTANT  
PROJECT MANAGER**

**Kevin Brown, P.Eng.  
The Municipal Infrastructure Group  
Ltd.  
8800 Dufferin Street, Suite 200**



**FACILITATION AND  
DECISION SUPPORT**

**Yulia Pak  
Swerhun Inc.  
720 Bathurst Street, Suite 500B  
Toronto, ON. M5S 2R4**

King City, ON. L7B 1A1  
E-Mail: [jvandenber@king.ca](mailto:jvandenber@king.ca)  
Phone: (905) 833-4059  
Fax: (905) 833-2300

Vaughan, ON. L4K 0C5  
E-Mail: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)  
Phone: (905) 738-5700 x247  
Fax: (905) 738-0065

E-Mail: [ypak@swerhun.com](mailto:ypak@swerhun.com)  
Phone: (416) 572 4365

-----Original Message-----

From: Nancy Hopkinson [<mailto:nancy@hopkinson.ca>]

Sent: Tuesday, May 13, 2014 1:33 PM

To: KingWaterMasterPlans

Subject: Public consultation centre tonight

Hello Kevin,

The public learns so much more if there is a presentation than if there are just boards up. I hope that we can have a presentation starting at 7 pm. That way, we can all learn and understand better. It is also informative to listen to one another's questions in a group. One thing sparks another.

Nancy

## Yulia Pak

---

**From:** Brad Warren <brad.warren@ca.cushwake.com>  
**Sent:** Thursday, May 15, 2014 10:31 AM  
**To:** John Vandenberg; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

Thanks John, I just spoke with Stephen who was helpful and I look forward to further discussions in the near future.  
Warm regards,  
Brad

**Brad Warren**  
Broker  
Land Sales & Development  
T (416) 756 5418  
[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



---

**From:** John Vandenberg [mailto:jvandenberg@king.ca]  
**Sent:** Thursday, May 15, 2014 10:24 AM  
**To:** Brad Warren; KingWaterMasterPlans  
**Cc:** Yulia Pak; Kevin Brown; Stephen Kitchen  
**Subject:** RE: King Public Meeting

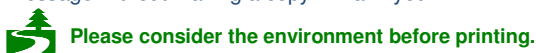
Brad,  
I will defer to TMIG to further detail levels of “consideration” regarding this site and the Masterplanning process currently underway. The Township would be happy to meet with you as per your inquiry into potential development opportunities for the site however I feel Planning would be the lead respondent to these inquiries. I have copied the Township’s Director of Planning (Stephen Kitchen) for Planning comments/direction.

Thanks very much,

John Vandenberg C. Tech., EP  
Water & Wastewater Compliance and Engineering Technologist  
Engineering and Public Works  
Township of King  
905-833-4059  
[jvandenberg@king.ca](mailto:jvandenberg@king.ca)



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---

**From:** Brad Warren [<mailto:brad.warren@ca.cushwake.com>]  
**Sent:** May-15-14 9:43 AM  
**To:** KingWaterMasterPlans

**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Public Meeting

Thanks very much Kevin,

In particular, we have a large international corporation interested in the "Business" lands which are OP designated in the south part of Nobleton. This is directly to the east of the new Tribute subdivision on Hwy 27. Can you tell me if these lands are being considered in the study and any information that could help us assess the potential for development on those lands in the foreseeable future.

Thanks Kevin,  
Brad

PS I would be pleased to meet with you and John to discuss further if that works for you...

**Brad Warren**

Broker

Land Sales & Development

T (416) 756 5418

[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



---

**From:** Kevin Brown [<mailto:kbrown@tmig.ca>] **On Behalf Of** KingWaterMasterPlans

**Sent:** Thursday, May 15, 2014 9:24 AM

**To:** Brad Warren

**Cc:** Yulia Pak; John Vandenberg

**Subject:** RE: King Public Meeting

Brad:

The presentation materials will be posted to the Project Website ([www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)) shortly, but I've attached them for your convenience.

Regards,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**

8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5

p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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---

**From:** Brad Warren [<mailto:brad.warren@ca.cushwake.com>]

**Sent:** Wednesday, May 14, 2014 4:36 PM

**To:** KingWaterMasterPlans

**Subject:** King Public Meeting

I was unable to attend public meeting. If there was a hand out or presentation that can be emailed, could you kindly email same to me.

Thanks very much,

Brad

**Brad Warren**

Broker

Land Sales & Development

T (416) 756 5418

M (416) 435 0900

[brad.warren@ca.cushwake.com](mailto:brad.warren@ca.cushwake.com)

[www.cwlandsales.com](http://www.cwlandsales.com) (Featured Listings)



Cushman & Wakefield Ltd.

3100 Steeles Avenue East, Suite 1100 Markham, ON L3R 8T3

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We have taken precautions to minimize the risk of transmitting software viruses, but we advise you to carry out your own virus checks on any attachment to this message. We cannot accept liability for any loss or damage caused by software viruses.

## Yulia Pak

---

**From:** Nancy Hopkinson <nancy@hopkinson.ca>  
**Sent:** Wednesday, May 14, 2014 3:47 PM  
**To:** Yulia Pak; kbrown@tmig.ca; jvandenbergh@king.ca  
**Subject:** FW: Undeliverable: Public consultation centre tonight

Hi Julia,

I thought that you might like to see that email that I mentioned yesterday. It was very strange that I got this message, then soon after got an automated message that said that my message was received and shortly after got the message from Kevin addressing my suggestion of a meeting.

Nancy

---

**From:** [postmaster@tmig.ca](mailto:postmaster@tmig.ca) [<mailto:postmaster@tmig.ca>]  
**Sent:** May-13-14 1:35 PM  
**To:** [nancy@hopkinson.ca](mailto:nancy@hopkinson.ca)  
**Subject:** Undeliverable: Public consultation centre tonight

### Delivery has failed to these recipients or groups:

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

Your message can't be delivered because delivery to this address is restricted.

### Diagnostic information for administrators:

Generating server: tmig.ca

[King-Water-Master-Plans@tmig.ca](mailto:King-Water-Master-Plans@tmig.ca)

#550 5.7.1 RESOLVER.RST.AuthRequired; authentication required ##rfc822;kingwatermasterplans@tmig.ca

### Original message headers:

Received: from barracuda.tmig.ca (192.168.16.20) by TMIGSERVER2.hq.tmig.ca (192.168.16.6) with Microsoft SMTP Server id 14.1.438.0; Tue, 13 May 2014 13:34:42 -0400  
X-ASG-Debug-ID: 1400002388-01d82f08d80c210001-c3EFpj  
Received: from whub30.webhostinghub.com (whub30.webhostinghub.com [205.134.241.6]) by barracuda.tmig.ca with ESMTSP id nByYdIbvXZdwoqVj for <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>; Tue, 13 May 2014 13:33:09 -0400 (EDT)  
X-Barracuda-Envelope-From: [nancy@hopkinson.ca](mailto:nancy@hopkinson.ca)  
X-Barracuda-Apparent-Source-IP: 205.134.241.6  
Received: from cpebc1401e65903-cmbc1401e65900.cpe.net.cable.rogers.com ([99.243.135.21]:50373 helo=[192.168.0.11]) by whub30.webhostinghub.com with esmtpsa (TLSv1:AES128-SHA:128) (Exim 4.82) (envelope-from <[nancy@hopkinson.ca](mailto:nancy@hopkinson.ca)>) id 1WkGZe-00040Z-4A for [kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca); Tue, 13 May 2014 10:33:06 -0700  
Subject: Public consultation centre tonight

From: Nancy Hopkinson <[nancy@hopkinson.ca](mailto:nancy@hopkinson.ca)>  
 X-ASG-Orig-Subj: Public consultation centre tonight  
 Content-Type: text/plain; charset="us-ascii"  
 X-Mailer: iPad Mail (11D201)  
 Message-ID: <[D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca](mailto:D6AAC3E6-357C-4E57-B37F-280FC0308269@hopkinson.ca)>  
 Date: Tue, 13 May 2014 13:33:06 -0400  
 To: "[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)" <[kingwatermasterplans@tmig.ca](mailto:kingwatermasterplans@tmig.ca)>  
 Content-Transfer-Encoding: quoted-printable  
 MIME-Version: 1.0 (1.0)  
 X-OutGoing-Spam-Status: No, score=-2.9  
 X-AntiAbuse: This header was added to track abuse, please include it with any abuse report  
 X-AntiAbuse: Primary Hostname - whub30.webhostinghub.com  
 X-AntiAbuse: Original Domain - tmig.ca  
 X-AntiAbuse: Originator/Caller UID/GID - [47 12] / [47 12]  
 X-AntiAbuse: Sender Address Domain - hopkinson.ca  
 X-Get-Message-Sender-Via: whub30.webhostinghub.com: authenticated\_id: [Nancy@hopkinson.ca](mailto:Nancy@hopkinson.ca)  
 X-Barracuda-Connect: whub30.webhostinghub.com[205.134.241.6]  
 X-Barracuda-Start-Time: 1400002388  
 X-Barracuda-URL: <http://192.168.16.20:8000/cgi-mod/mark.cgi>  
 X-Virus-Scanned: by bsmtpd at tmig.ca  
 X-Barracuda-BRTS-Status: 1  
 X-Barracuda-Spam-Score: 0.00  
 X-Barracuda-Spam-Status: No, SCORE=0.00 using global scores of TAG\_LEVEL=2.5  
 QUARANTINE\_LEVEL=1000.0 KILL\_LEVEL=4.0 tests=MIME\_QP\_LONG\_LINE  
 X-Barracuda-Spam-Report: Code version 3.2, rules version 3.2.3.5780

Rule breakdown below		
pts	rule name	description
-----		
0.00	MIME_QP_LONG_LINE	RAW: Quoted-printable line longer than 76 chars

Return-Path: [nancy@hopkinson.ca](mailto:nancy@hopkinson.ca)

## Yulia Pak

---

**From:** Steve Hollingworth <shollingworth@tmig.ca>  
**Sent:** Tuesday, May 27, 2014 11:57 AM  
**To:** Kevin Brown  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** RE: King Master Plans - PCC Phone Call

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I just spoke briefly with Quint

He was hoping that our study would provide some detail on the treatment of watercourses and other natural features, and would indicate locations for SWM ponds for future development areas in Nobleton (outside the approved urban boundary / sanitary servicing area).

I indicated that our study will likely include recommendations for stormwater management criteria for new development, but did not expect to be showing SWM pond locations for future development areas.

Quint will be requesting that we do this in his comment form (which you can expect shortly), and may follow up directly with Robert Flindall.

I indicated that we will discuss this issue in our next progress meeting with the Township.

Regards

Steve Hollingworth  
Senior Water Resources Engineer

**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x 359 | c: 416.300.0415 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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---

**From:** Kevin Brown  
**Sent:** May 27, 2014 10:30 AM  
**To:** Steve Hollingworth  
**Cc:** Yulia Pak; John Vandenberg  
**Subject:** King Master Plans - PCC Phone Call

Steve:

I received a voicemail message this morning from a gentleman that attended the PCC. Here are the details:

**-Name:** Quit Alfano

**-Phone Number:** 416-274-9288

**-Attended PCC?:** Yes

**-Message:**

- Was at the PCC.
- Calling about Nobleton.
- Questions re: Stormwater Master Plan
- Calling not only about the Existing and Designated areas, but the entire Community Boundary
- Questions about the locations of future Stormwater Management Ponds

Could you contact him to obtain more specific comments/question, and possibly address them at the same time? The Master Plan only covers the Existing and Designated lands, as there are no provisions under the Official Plan to address servicing outside of those areas at this time.

Thanks,

-Kevin

Kevin Brown, P.Eng.  
Senior Municipal Engineer | Project Manager

**TMIG | The Municipal Infrastructure Group Ltd.**

8800 Dufferin Street, Suite 200 | Vaughan, Ontario L4K 0C5  
p: 905.738.5700 x247 | c: 416.843.4689 | f: 905.738.0065 | [tmig.ca](http://tmig.ca)



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## Yulia Pak

---

**From:** Susan Lloyd Swail <susanswail@yahoo.ca>  
**Sent:** Thursday, May 29, 2014 8:40 PM  
**To:** kingwatermasterplans@tmig.ca  
**Subject:** RE: Comments  
**Attachments:** PIC 1 Question for EA.pdf

**Follow Up Flag:** FollowUp  
**Flag Status:** Flagged

**Categories:** King Township

I received your letter and although we have already submitted comments (attached). I did want to speak to the streetscaping, urbanization plans. I current guiding document for planning Nobleton is the Nobleton Community Plan, Amendment 57. That plan has a core area concept plan that was at the time supported quite strongly by the community, that is they asked that the plan developed by McDermott and Assoc be included in the Smith Bousfield plan. Nobleton sees itself as a rural village, many of our businesses are dependent on the agricultural community.

This concept plan provides a important transition between the old town core and the larger suburban style estate homes. Currently there is an issue with dump trucks and transport trucks speeding through town. The medians at the four corners will encourage the traffic to slow down in town. The McDermott concept also refers quite specifically to the policies in the plan such as the need to reduce the number of driveways by encouraging rear parking in the commercial district and the need to consolidate smaller commercial properties.

The extensive street trees will help to define the street edge and provide a more esthetically pleasing walking environment. Improvements to walkability are needed and can be accomplished by extending the sidewalks on the south side of King Road from Henry's Gate to the industrial area in the east. The heritage character of the Hambly House should be used as a template for design features, consider finding a way to incorporate gingerbread fretting.

Thank you for providing me with this opportunity to submit comments.

Susan Lloyd Swail, MES, Pl.  
[susanswail@yahoo.ca](mailto:susanswail@yahoo.ca)

King Township is a rural municipality, with over 90% of our lands within the Oak Ridges Moraine and Greenbelt. The Provincial Places to Grow Plan was developed to prevent the unnecessary expansion of infrastructure. The Places to Grow Plan and the Greenbelt Plan work together to ensure growth is directed to 'Urban Growth Centres' where existing infrastructure is located which can accommodate growth. The cost of expanding infrastructure and the impact on our communities is a significant concern to my family.

I have the following comments:

- 1) Mapping at the PIC identified the 'designated' growth areas for King City, Nobleton and Schomberg for the current community plans. Mapping did not identify that this study was for growth projected beyond our current community plans.
- 2) The wastewater servicing map for Nobleton shown at the PIC is not consistent with the phase 1 collection system approved under the Nobleton EA and the original project mapping sent to households in the Spring of 2010.
- 3) The need for this EA did not appear to be quantified on any of the boards at the PIC. The wastewater systems and water collection systems are fairly new in both Nobleton and King City.

I have the following questions regarding the combined Master Plans:

- 1) Has the province conducted the implementation analysis to identify the implications for projected growth for water and sewer servicing as per section 5.3.4 of the growth plan? Have the sub area assessments been completed at the Region to determine the appropriate forms of growth management?
- 2) Is this E.A. being conducted to support the expansion of water and sewer servicing prior to amending the boundaries of the settlement areas in King Township? *Greenbelt Plan 4.2.2.4. "Where settlement area expansions are contemplated by a municipality, the environmental assessment in support of expanded sewage and water services must be completed or approved prior to amending the boundaries of the settlement within the municipal official plan."*
- 3) As the Official Plan has not been completed, we do not know where the future growth will occur. Should the Official Plan be completed prior to an environmental assessment? Why are we planning for infrastructure when we haven't completed the planning studies and don't know the future requirements of the systems? Should we be deciding the level of growth that is appropriate to each community prior to conducting the EA?
- 4) The Environmental Assessment is dealing with two separate and unique watersheds both located on the headwaters of the Oak Ridges Moraine and three communities. We will need to determine how we can maintain and improve water quantity and quality for our communities, our businesses and our ecosystems? Is the EA process comprehensive enough or can we consider approaching the issues through an integrated watershed resource management (IWRM) based approach?  
*IWRM -Three principles act together as the overall framework (Dublin Principal)*
  1. *Social equity: ensuring equal access for all users to an adequate quantity and quality of water necessary to sustain human well-being.*
  2. *Economic efficiency: bringing the greatest benefit to the greatest number of users possible with the available financial and water resources.*
  3. *Ecological sustainability: requiring that aquatic and water dependent ecosystems are acknowledged as users and that adequate allocation is made to improve their natural functioning.*
- 5) If a new sewage treatment plant is required or an expansion required for the sewage works will a separate E.A. be required by the Region of York?

- 6) Has the Region of York completed the water budget and water conservation plan for the watersheds where these communities reside? *To protect the hydrological integrity of the Moraine, the Plan stipulates that Upper Tier municipalities shall prepare watershed plans, water budgets and conservation plans, and that major development proposals within the Moraine must conform to them.* Will any undertaking resulting from this EA conform to the above hydrological studies?
- 7) Will the project research and analyze the most recent data to determine the problem, understand the need, and identify possible solutions? Will the impacts of climate change be evaluated and incorporated in projections?
- 8) Has the Township of King and the Region been proactive and implemented an optimization program for our water, stormwater and wastewater processes prior to commencing the EA? (e.g. water conservation, water recycling, alternative design standards for current works)
- 9) Processing water, whether it is from stormwater or wastewater is very costly. In Nobleton, water from sump pumps keeps our ditches running with water all four seasons. Can we consider alternative uses for this clean groundwater? I understand the Region of Waterloo has bylaws which provides incentives for keeping groundwater on our properties. Will alternative uses and policies be considered for the protection of our groundwater resources?
- 10) The area of Kinsley St and Faris Avenue in Nobleton has a stream running through the backyards that originates in the old truck wreckers lot. This watercourse has been a problem as the seasonal flooding has impacted our septic beds. With the sewer installation any potential health problems will be alleviated. Understanding the open ditches are better for water quality and the ecosystem than closed culverts are there methods to managing this watercourse that could be implemented? Will alternative design standards be considered as a first options for managing stormwater?

*Respectfully Submitted,*

*Susan and Ron Swail  
23 Kinsley St, Nobleton, ON L0G1N0, [susanswail@yahoo.ca](mailto:susanswail@yahoo.ca)  
May 16, 2014*



## Kevin Brown

---

**From:** Hilary Vaillancourt <hvaillancourt@westonconsulting.com>  
**Sent:** Thursday, May 01, 2014 11:59 AM  
**To:** KingWaterMasterPlans  
**Subject:** FW: 12860 and 12830 Dufferin Street  
**Attachments:** 2014.04 King City Draft Plans of Subdivision (subject lands highlighted).pdf

Hello,

I'm contacting you on behalf of Weston Consulting. We are currently awaiting a PAC meeting with the Town of King for the above noted subject lands (12860 and 12830 Dufferin Street). We understand that the proposed PAC meeting may not be accommodated in the immediate future (we have been in queue for 1 mo).

However, we need to prepare a planning due diligence report ASAP and I need to gain an understanding of municipal servicing allocation. The attached shows the subject lands (highlighted in yellow). Can you please confirm the water and wastewater servicing plans for the area? IE If one were to develop 12860 and 12830 Dufferin Street, how would we connect to the system? Would that be shared with the adjacent developments shown on the attached as #2 (King Dufferin) and #5 (Zancor)?

Please advise,

Hilary

**Hilary Vaillancourt**, BURPI, MCIP, RPP  
**Planner**



**Vaughan** office: T. 905.738.8080 ext. 288 | 201 Millway Ave, Suite 19, Vaughan, ON. L4K 5K8  
**Oakville** office: T: 905.844.8749 ext. 288 | 1660 N. Service Rd. E, Suite 114, Oakville, ON. L6H 7G3  
**Toronto** office: T: 416.640.9917 ext. 404 | 127 Berkeley Street, Toronto, ON. M5A 2X1  
1-800.363.3558 | F: 905.738.6637 | [hvaillancourt@westonconsulting.com](mailto:hvaillancourt@westonconsulting.com) | [www.westonconsulting.com](http://www.westonconsulting.com)



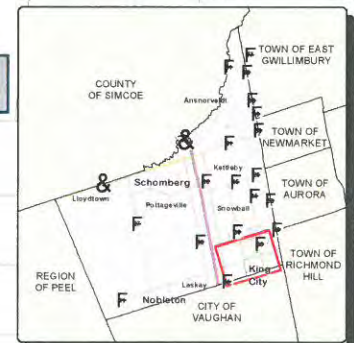
Please consider the environment before printing this email.



### Draft Plans of Subdivision King City, Ontario

#### Legend

- King City Boundary
- Draft Plan of Subdivision



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14. Mary Lake Estates

12. DiNardo

7. King Green

15th Sideroad

18. DiNardo Phase 2

17. Signature

11. Dearie Realty

8. Tawes Trail

6. King Rocks

1. King North

13. Genview

16. Dew Street

15. Springhill

2. King Dufferin

5. Zancor

10. Valley King

4. Hickory Hills

9. King Station

3. Osmington

CITY OF VAUGHAN

Jane St

Keele St

King Rd

Dufferin St



**WATER/WASTEWATER AND STORMWATER MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**TECHNICAL ADVISORY COMMITTEE MEETING**

**JUNE 23, 2015**

**PROJECT CONTACTS:**

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In association with:

**Urban Strategies Inc:** Urbanization Study  
**Savanta Inc:** Aquatic and Terrestrial Habitat Review  
**Swerhun Inc:** Communications Facilitation

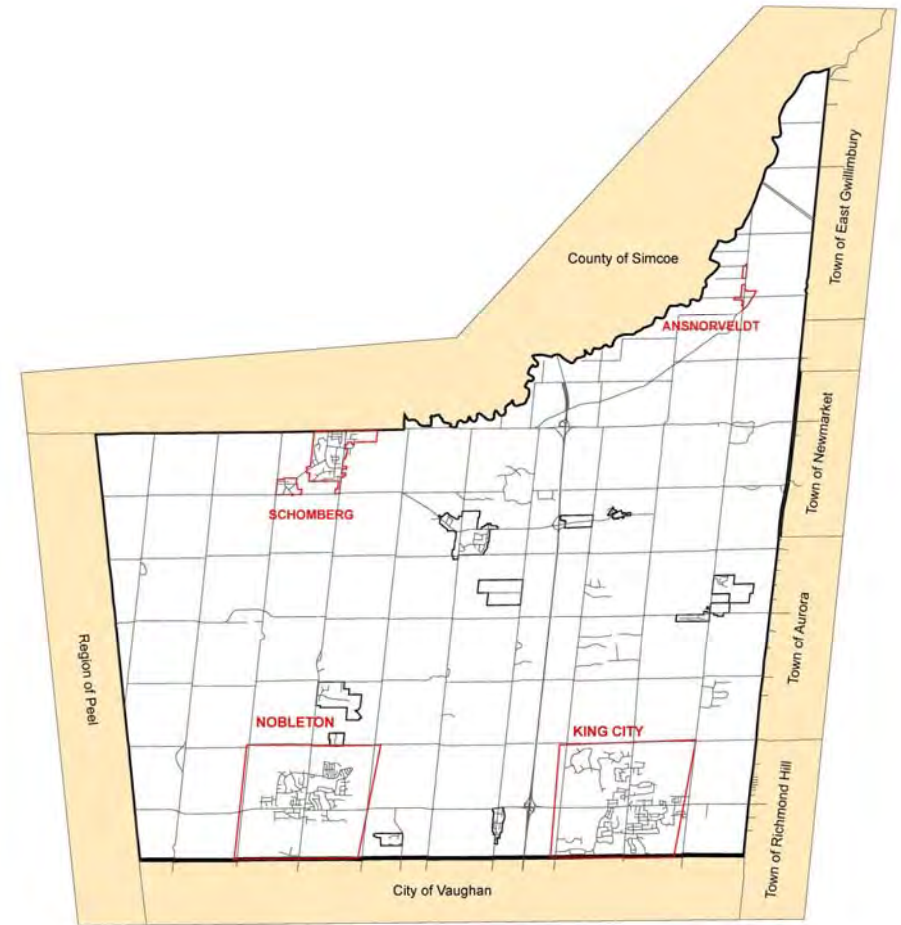
**PROJECT INFORMATION:**

Project Website:  
[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

Project E-Mail:  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.

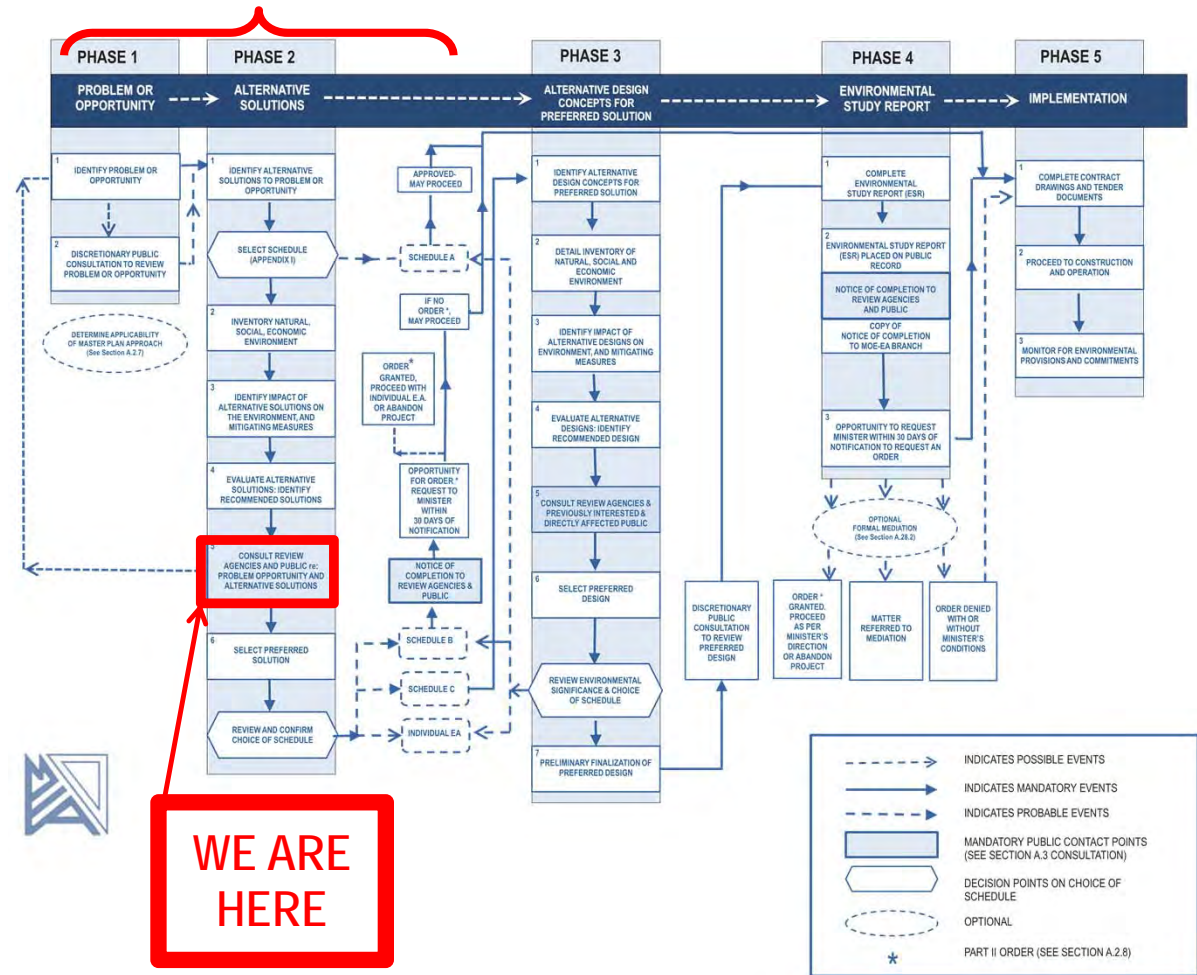


## Municipal Class Environmental Assessment

King Township retained The Municipal Infrastructure Group Ltd. to complete this Study in accordance with the Municipal Class Environmental Assessment process. This Master Plan is considered a Schedule 'B' Project, encompassing Phases 1 and 2 of the Municipal Class EA process.

Milestone	Date
Notice of Commencement	March 6, 2014
Phase 1 PCC	May 13, 2014
Phase 2 PCC (Schomberg)	July 15, 2015
Phase 2 PCC (King City)	July 16, 2015
Phase 2 PCC (Nobleton)	July 21, 2015
Project File Report	August 14, 2015

### Master Plan Scope



### **King Township Official Plan Review**



King is undertaking an Official Plan Review to:

- (i) develop a new, overarching parent Official Plan, and
- (ii) complete Provincial plan conformity exercises to incorporate the Greenbelt Plan, the Growth Plan, the Lake Simcoe Protection Plan, and Source Protection Plans into the Township's official plan documents.

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.

### **Urbanization Study (Undertaken Concurrent to this Master Plan)**



In conjunction with the Water/Wastewater and Stormwater Master Plans, TMIG and Urban Strategies Inc are concurrently undertaking an Urbanization Study.

This supplementary Study will identify the design criteria for elements within the existing rights-of-way to support anticipated development goals as defined by the Township.

### **Transportation Master Plan**



The Township of King has also initiated a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

### **York Region Water/Wastewater Master Plan Update (2015)**



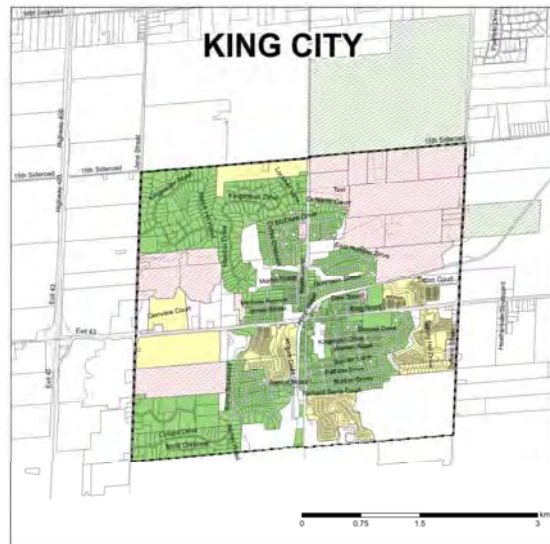
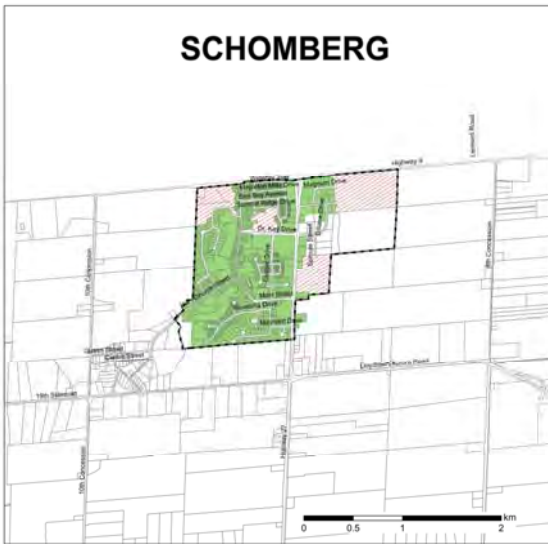
The Region is starting the process of updating their Water and Wastewater Master Plan, which was last updated in 2009.

As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's treatment plants, it is important that the Township and the Region share a common understanding of how water demands and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.

The Province has identified that the Greater Golden Horseshoe is growing, and the Region of York has forecasted that the population in King Township is to increase from 21,000 to 34,500 by 2031.

The growth within King Township is predominantly directed to the three villages of King City, Nobleton and Schomberg.

Growth will have two distinct 'forms': New *greenfield development* on lands previously designated in the local Community Plans, and *Intensification*



COMMUNITY	Existing Population (2013)	Planned Population (2031)
King City	5,800	11,500
Nobleton	4,000	8,500
Schomberg	2,650	3,200
Rural Areas	8,550	11,300
<b>KING TOWNSHIP</b>	<b>21,000</b>	<b>34,500</b>

## Problem Statement / Study Background

Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

King Township has initiated Master Plan studies that will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands currently designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

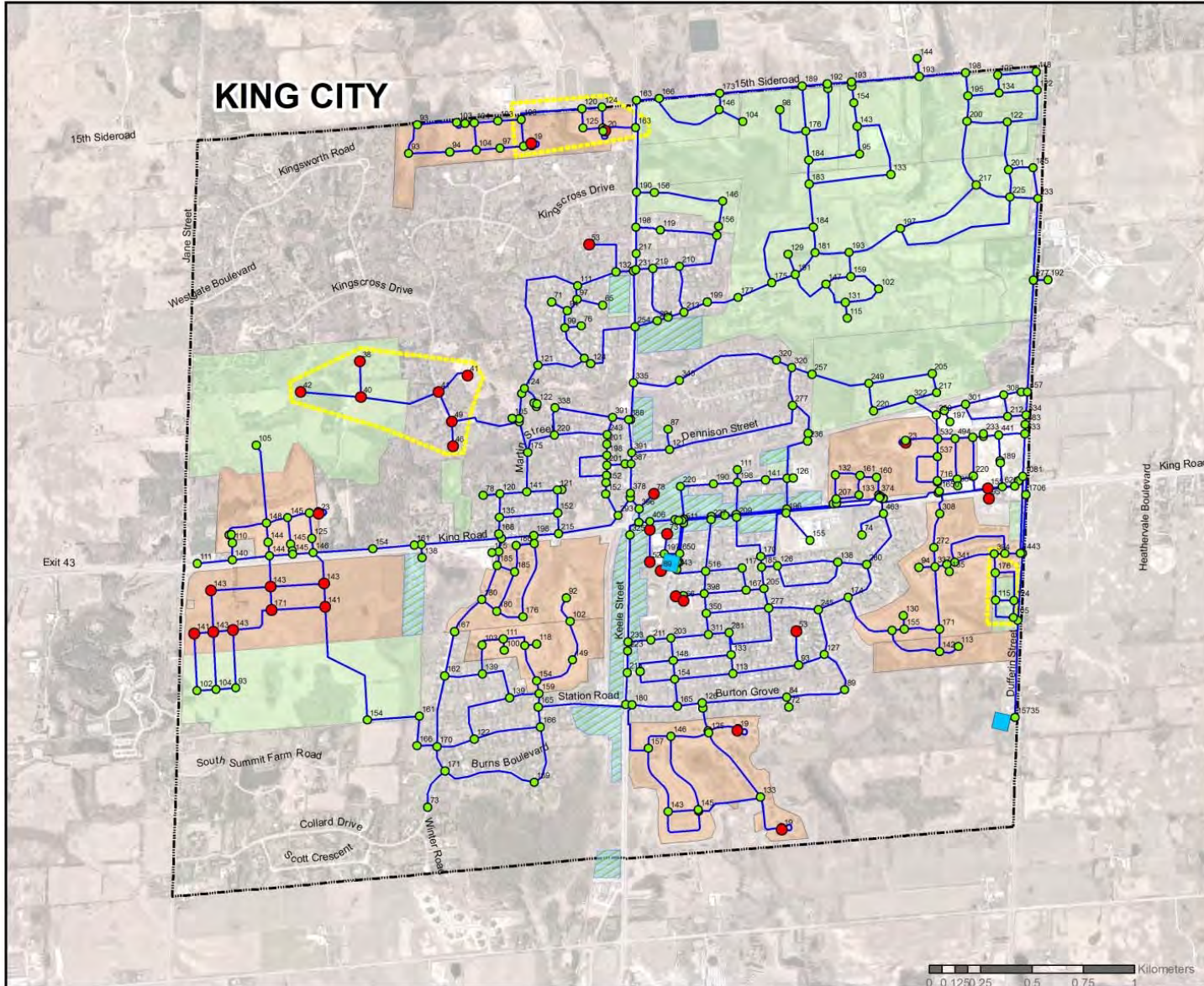


These images identify the elements of the Natural Environment (Aquatic and Terrestrial Features) that should be considered when identifying the preferred water, wastewater and stormwater servicing solutions. Where the preferred servicing solutions could potentially adversely affect elements of the Natural Environment, mitigative measures will be identified as to minimise that potential adverse impact..



Criterion	Value	Note
Residential Average Day Demand	450 Lpcd	-
Maximum Day Factor	King City: 2.00 Nobleton: 2.00 Schomberg: 2.25	From the MOE Design Guidelines, based on community population
Peak Hour Factor	King City: 3.00 Nobleton: 3.00 Schomberg: 3.38	From the MOE Design Guidelines, based on community population
Commercial / Industrial / Institutional	86 persons/ha	Equivalent residential population
Fire Flows	Per Fire Underwriters Survey	-
System Pressures – Peak Hour	275 to 700 kPa	40 to 100 psi
System Pressures – Maximum Day plus Fire	140 to 700 kPa	20 to 100 psi

Category	Structure Characteristics	Calculated Fire Flow	Example
Residential	260 m <sup>2</sup> (2,800 ft <sup>2</sup> ) 'Ordinary' Construction Limited Combustible Content Not Sprinklered	63 L/s	
Main Street Commercial	300 m <sup>2</sup> /storey (3,200 ft <sup>2</sup> ) Two Storeys (apartment above) 'Ordinary' construction Combustible Content NFPA 13 Sprinkler System	103 L/s	
Major Retail/Industrial	5,000 m <sup>2</sup> (55,000 ft <sup>2</sup> ) 'Non-Combustible' Construction Combustible Content NFPA 13 Sprinkler System	187 L/s	



### Legend

#### Elevated Tank

Active

#### Available Fire Flow (L/s)

- 78 Fire Flows lower than FUS-recommended at 140 kPa (20 psi)
- 115 Fire Flows exceed FUS-recommended at 140 kPa (20 psi)

#### Watermain

Active

Areas serviced by a single watermain

#### Planning Status

- Potential Intensification
- Approved Development
- Future Development
- Community Boundary

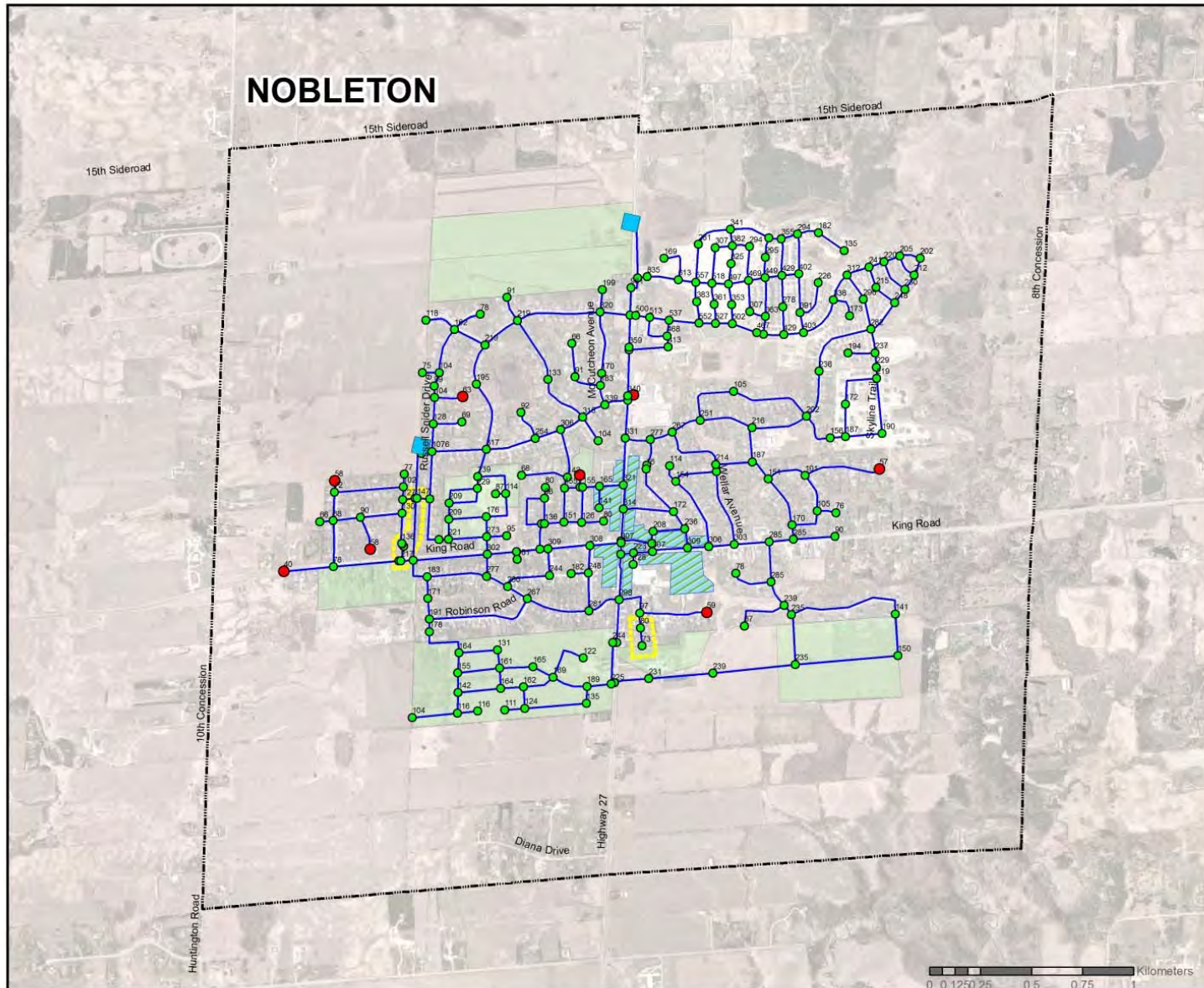
Date:  
**APRIL 2015**

Figure No.:  
**4-1**

Figure Title:  
**King City Water  
Max Day Plus Fire Flow Scenario**

**Township of King Master Plan**





**Legend**

**Elevated Tank**

- Active

**Available Fire Flow (L/s)**

- 57 Fire Flows lower than FUS-recommended at 140 kPa (20 psi)
- 190 Fire Flows exceed FUS-recommended at 140 kPa (20 psi)

**Watermain**

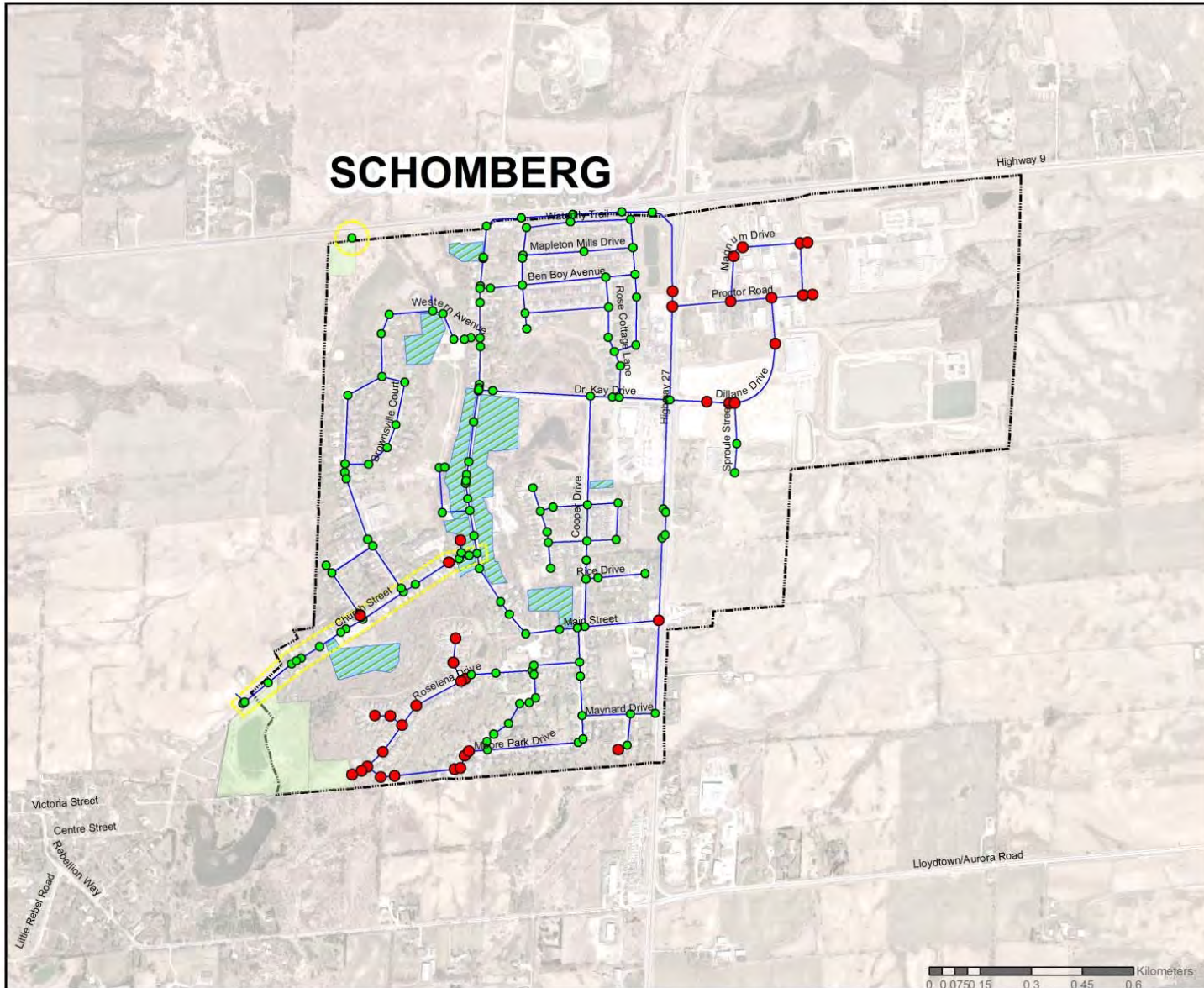
- Active

Areas serviced by a single watermain

**Planning Status**

- Potential Intensification
- Future Development
- Community Boundary

Date:	Figure No.:
<b>APRIL 2015</b>	<b>4-2</b>
Figure Title:	
<b>Nobleton Water Max Day Plus Fire Flow Scenario</b>	
<b>Township of King Master Plan</b>	



**Legend**

**Available Fire Flow (L/s)**

- 51 Fire Flows lower than FUS-recommended at 140 kPa (20 psi)
- 53 Fire Flows exceed FUS-recommended at 140 kPa (20 psi)

**Watermain**

- Active
- Areas serviced by a single watermain

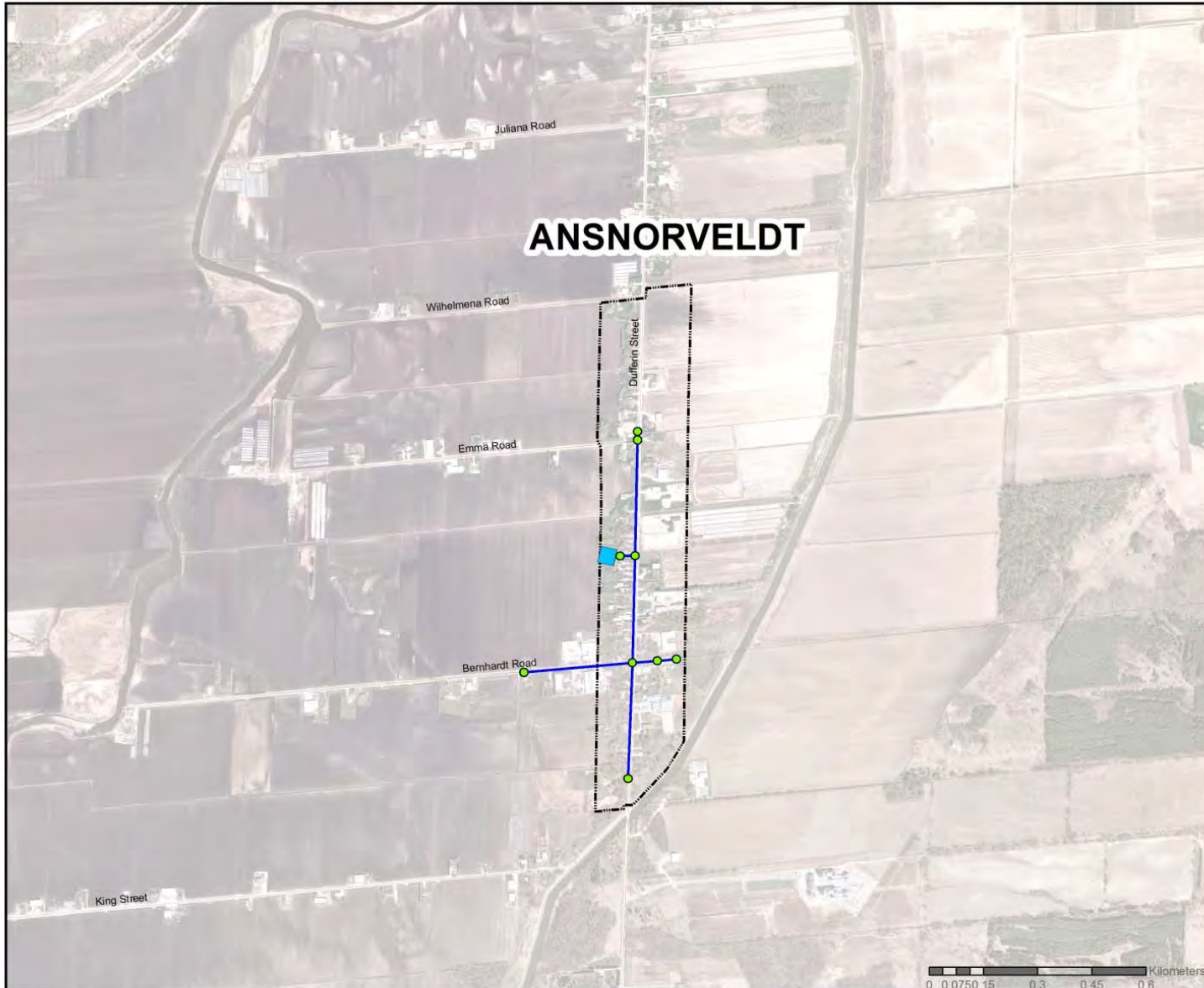
**Planning Design**

- Potential Intensification
- Future Development
- Community Boundary

Date:	Figure No.:
<b>APRIL 2015</b>	<b>4-7</b>

Figure Title: **Schomberg Water Max Day Plus Fire Flow Scenario**

**Township of King Master Plan**



**Legend**

**Pressure**

- less than 275 kPa (40 psi)
- greater than 275 kPa (40 psi)

**Well Location**

- Active

**Watermain**

- Active

**Planning Status**

- Community Boundary

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Date: <b>APRIL 2015</b>	Figure No.: <b>4-4</b>
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Figure Title:  
**Ansnorveldt Water Peak Hour Scenario**

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**Township of King Master Plan**

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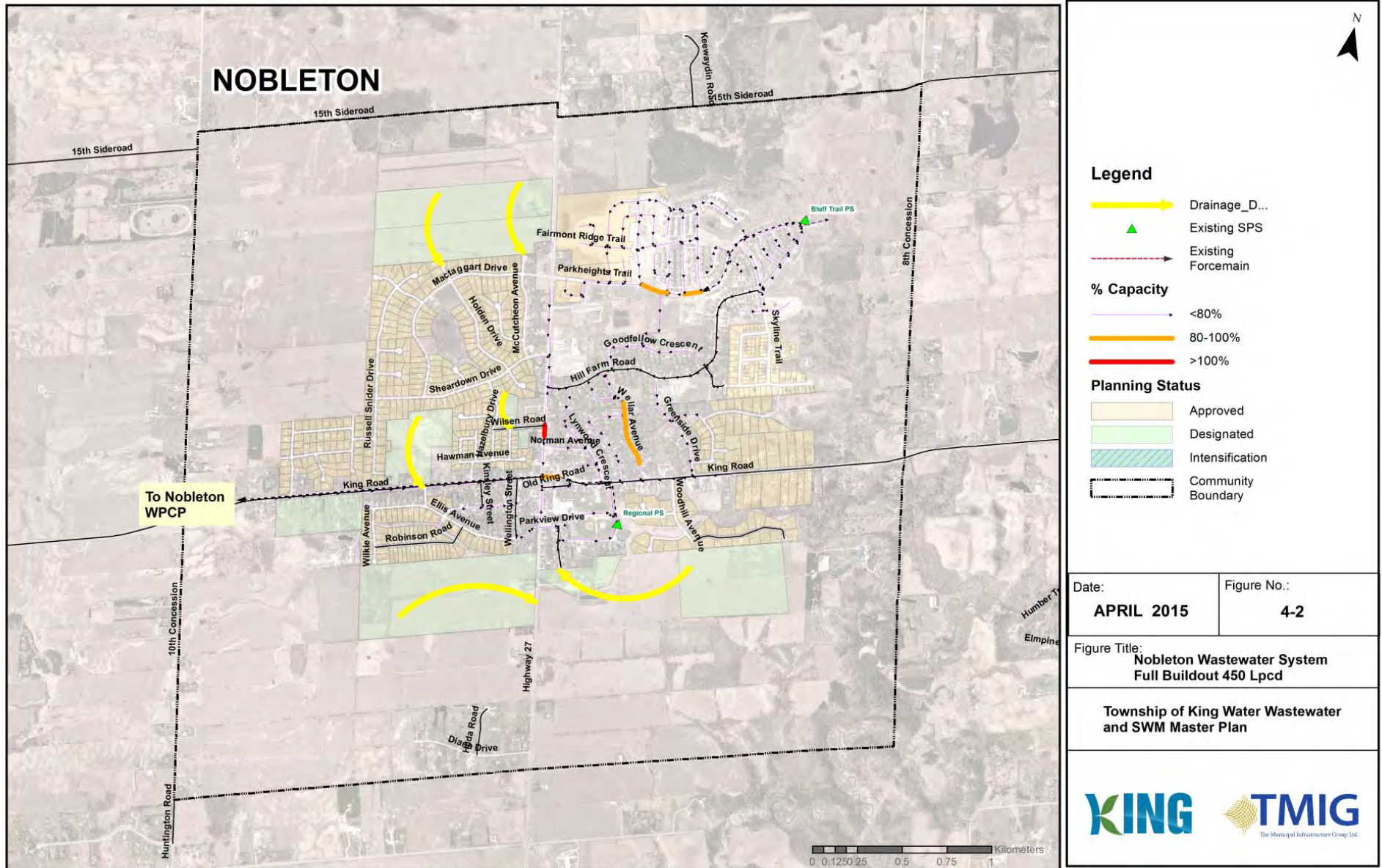
Criterion	Value	Note
Residential Average Day Flow	365 Lpcd <sup>(1)</sup>	
Infiltration Allowance	0.20 L/s/ha	Applies to Residential Lands only
Commercial Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking
Industrial Flows (Light)	35 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Industrial Flows (Heavy)	55 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Institutional Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking

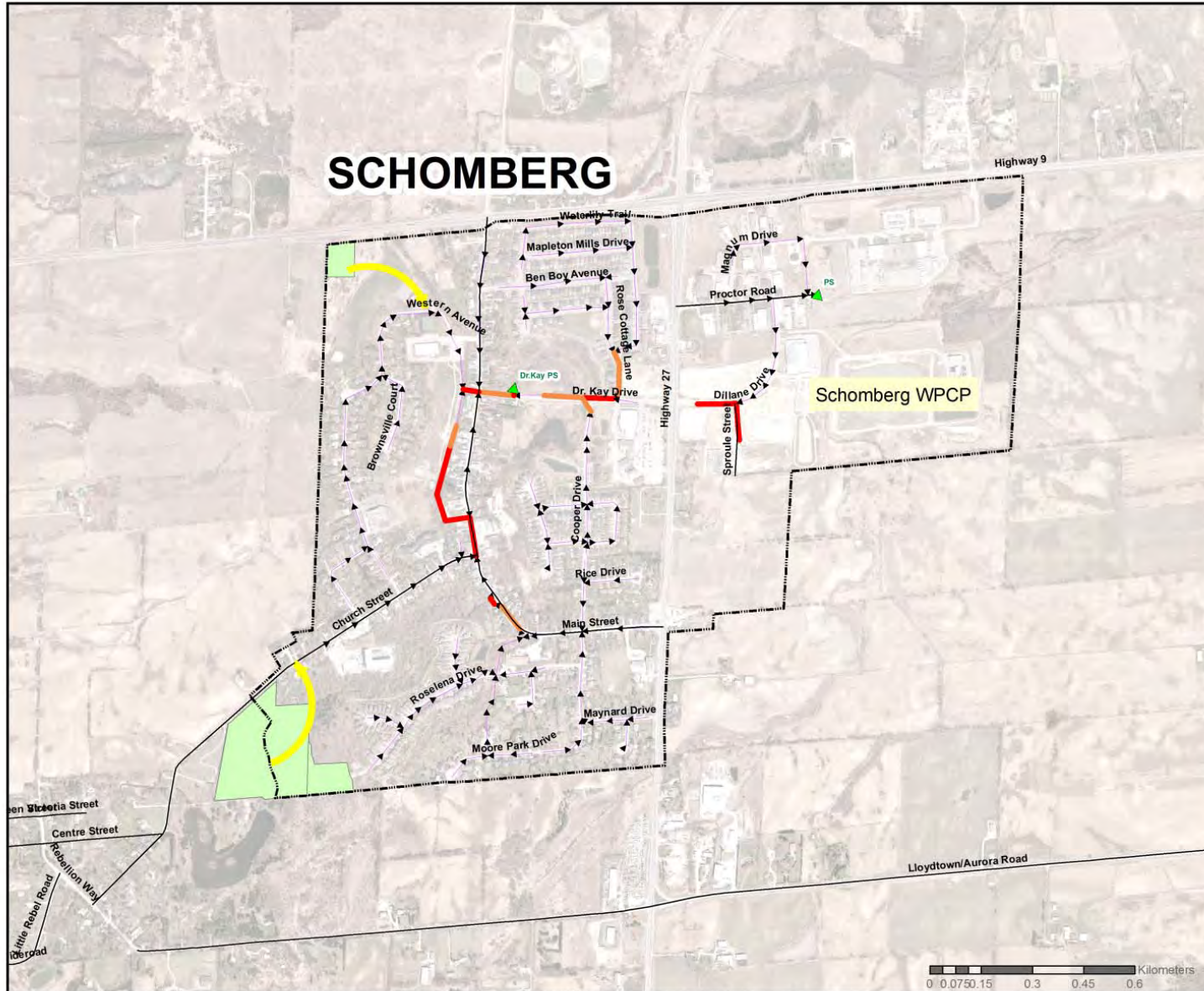
**Notes:**


1. Current King Township Design Standards show 450Lpcd. This is in the process of being revised to 365 Lpcd, supported by actual wastewater generation data. The existing systems were designed based on 365 Lpcd.




















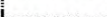
**Legend**

-  Drainage\_D...
-  Existing SPS
-  Existing Forcemain

**% Capacity**

-  <80%
-  80-100%
-  >100%



**Planning Status**

-  Approved
-  Designated
-  Intensification
-  Community Boundary

Date:	Figure No.:
<b>APRIL 2015</b>	<b>4-3</b>

Figure Title:  
**Schomberg Wastewater System  
 Full Buildout 450 LPCD**

**Township of King Water Wastewater  
 and SWM Master Plan**

## Alternative 1 - Do Nothing

- Proceed with Community Plan projections, without any material changes to the Township's existing water distribution and wastewater collection infrastructure.

## Alternative 2 – Limit Community Growth

- Limit growth within each of the individual communities to that which can be supported by the existing water and wastewater infrastructure.

## Alternative 3 – Water Conservation (Water & Wastewater)

- Provide for mandated growth solely by reducing water consumption and wastewater generation Township-wide..

## Alternative 4 – Expand & Enhance Existing Water and Wastewater Infrastructure

- Provide for mandated growth through a combination of enhancements of the existing system or extension of the existing system into new growth areas.

## TECHNICAL MERIT

- **Functionality** – Ability to meet demands and integrate with existing infrastructure
- **Constructability** – Ease of construction, length of routes, construction methods and crossings

## NATURAL

- **Impact on Natural Environment**
  - Need for Greenbelt/ORM crossings or on-Greenbelt/on-ORM construction
  - Impact on terrestrial and aquatic environments

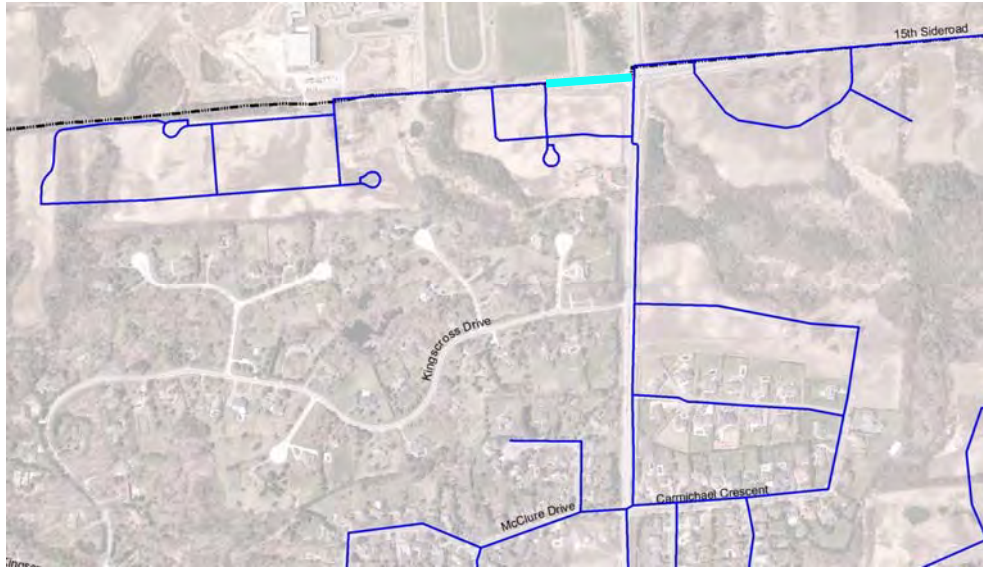
## SOCIO-ECONOMIC

- **Cultural Environmental Impact** – Cultural heritage impact & disruption to surrounding area
- **Transportation Impact** – Impact on traffic patterns, road closures/detours, public transit disruption
- **Residential and Business Impact**
  - Proximity of work to residences, businesses & institutions, public safety and perception
  - Odour & air quality

## FINANCIAL

- 25-Year Capital Cost

Evaluation Criteria	Alternative 1 Do Nothing	Alternative 2 Limit Community Growth	Alternative 3 Water Conservation	Alternative 4 Expand & Enhance Existing Municipal Systems
<b>Technical Merit</b>	This would result in the desired level-of-service not being provided	Does not permit the Township to achieve the Regional growth targets.	This would maximise the use of the existing built capacity, but does not provide for servicing of greenfield development.	Completely addresses the growth envisioned in the Community Plans through intensification and expansions to urban boundaries.
<b>Natural</b>	No impact, but does not offer improvements to existing conditions.	No impact, but does not offer improvements to existing conditions.	No impact, and offers improvements to existing conditions.	Some impact as a result of construction works including creek crossings. Most construction will occur in road right-of-ways and the use of trenchless technologies will largely mitigate concerns. Offers valuable improvements to existing conditions.
<b>Socio-Economic</b>	Could result in basement flooding associated with surcharged sanitary sewers. Minimum pressure requirements or fire flow availability might not meet the desired level-of-service	This option does not meet the growth and density objectives of the Township's Community Plans.	Socially, it can be difficult to force residents/businesses to conserve to the degree required to ensure success. Cannot guarantee long-term compliance. Greenfield development not serviced.	Modest impacts during construction, most of which will occur in outlying areas Completely satisfies the Township's growth objectives.
<b>Financial</b>	No impact.	Minor financial investment required to address existing capacity constraints.	Modest financial investment required. If not successful, would require additional investment in implementing another solution.	Reasonable financial investment required.
<b>OVERALL</b>	Cannot satisfy Township's Servicing Policies.	Cannot satisfy Provincially-mandated growth targets.	Cannot satisfy Provincially-mandated growth targets.	<b>Optimal balance of benefits and impacts across all evaluation criteria while fully satisfying The Township's growth objectives.</b>



### W-K-1: 15<sup>th</sup> Sideroad Watermain

This project contemplates the construction of a watermain along 15<sup>th</sup> Sideroad, starting at Keele Street and ending within the approved low density residential neighbourhood on the west side of Keele Street. While not integral to the servicing of the proposed development, adding this second watermain connection to Keele Street is recommended to ensure security of supply. Without this watermain, the entire proposed development would be vulnerable to a watermain failure along the internal east-west road connecting to Keele Street.

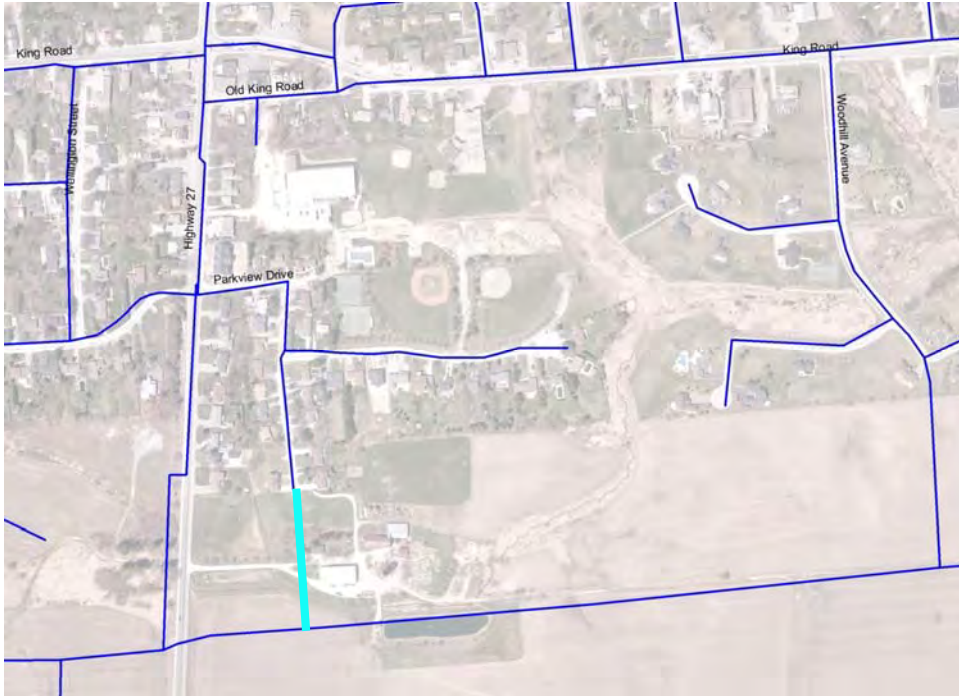
This project should be considered during the development application.



### W-K-2: Kinghorn Road Watermain

This project contemplates the construction of a watermain between the approved low density residential neighbourhood northeast of Jane Street and King Road and the designated estate residential neighbourhood to the north. This infrastructure is recommended in order to deliver the required fire flows to these future neighbourhoods at an acceptable minimum pressure of 140 kPa (20 psi). This watermain will also provide looping to eliminate the dead end water networks of both proposed developments.

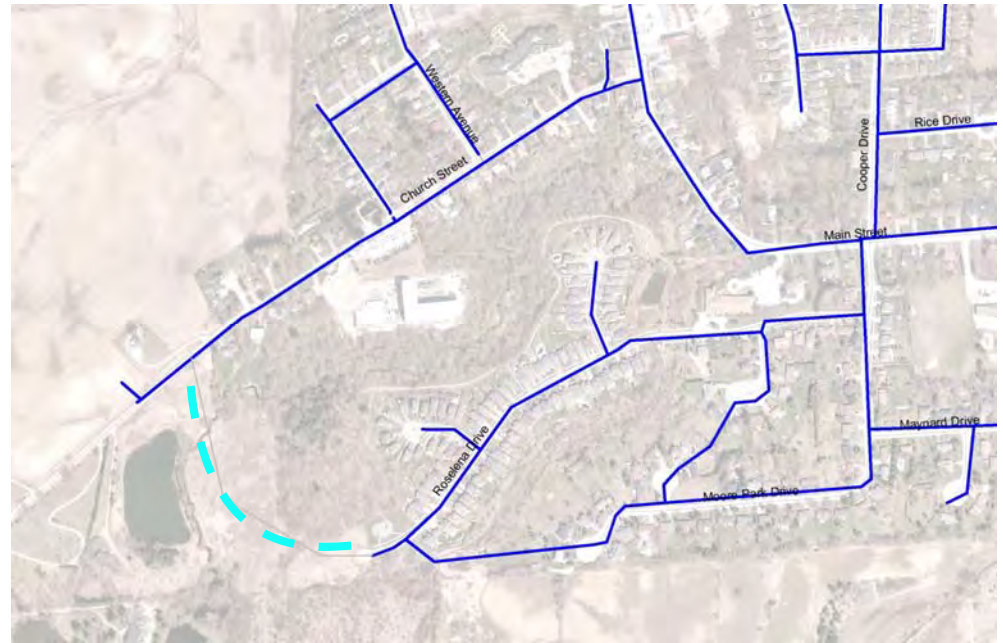




### W-N-1 – Crestview Road Watermain

This project contemplates the extension of the Crestview Road watermain south to the designated residential development to the south. The infrastructure is expected to provide looping to eliminate the dead end Crestview Road watermain.

This project should be considered during the development application.

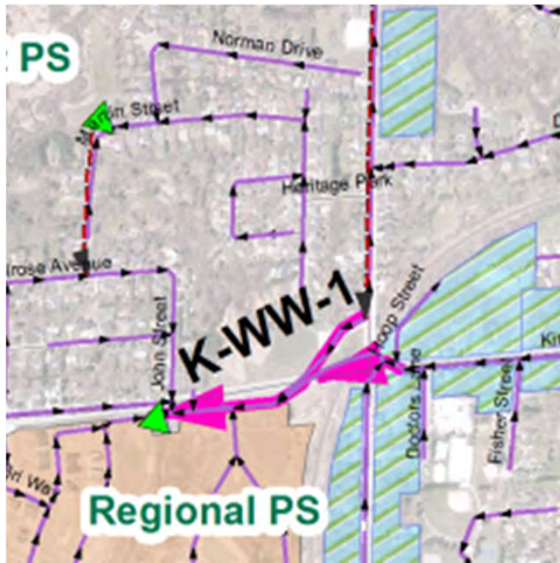


### W-S-1 – Roselena Drive Watermain

This project contemplates the construction of a watermain starting at the west end of Roselena Drive and ending at Church Street near the Schomberg Elevated Tank. The infrastructure is expected to provide additional water supply to the south end of the Schomberg water network. The connection also provides additional looping to the area.

This project should be considered during the development application.

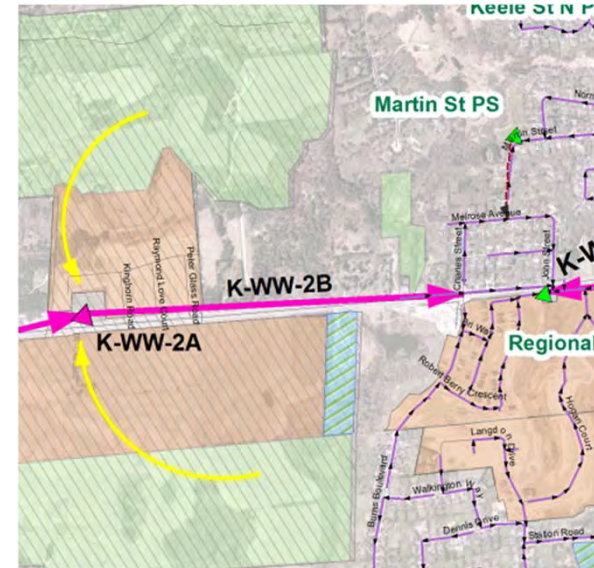




**WW-K-1 – King Road and Keele Street Sewer Upgrade**

This project contemplates upsizing of the existing sewers along King Road and Keele Street upstream of the regional sewage pumping station. This infrastructure upgrade is recommended, as it will provide additional capacity required to service the existing system planned future development in Northeast King and North along Dufferin St (including Seneca College and County Day School).

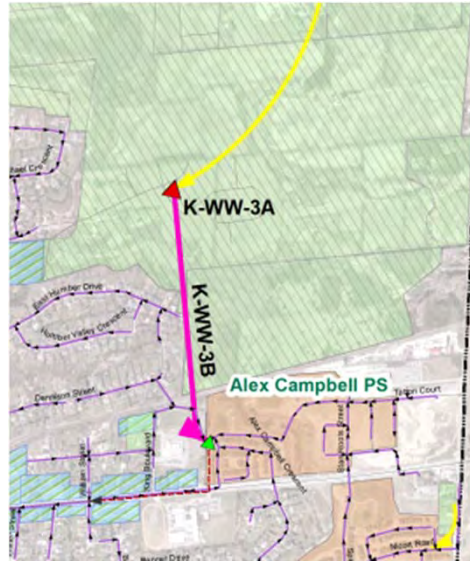
There may be opportunities to defer this work, subject to detailed flow monitoring upstream of the potential surcharge locations.



**WW-K-2 – Kingsview Sewage Pumping Station and Forcemain**

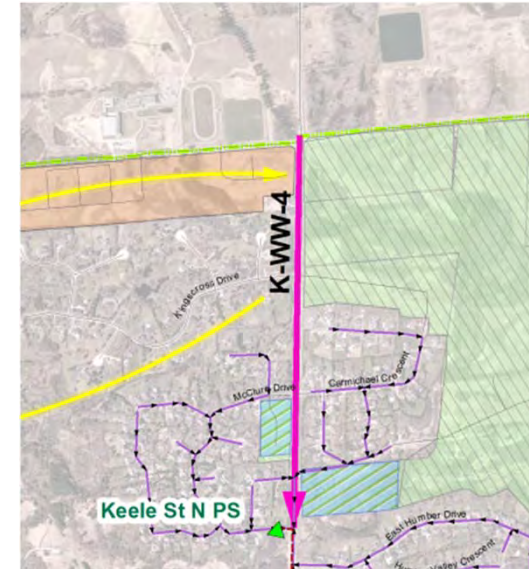
This project contemplates the construction of a new sewage pumping station and forcemain between the approved development of Jane Street and King Road and the designated estate residential neighbourhood to the north.

This station should also be sized to service the existing unserved lots in northwest and southwest King City in the event that sanitary infrastructure is eventually extended to these neighborhoods.



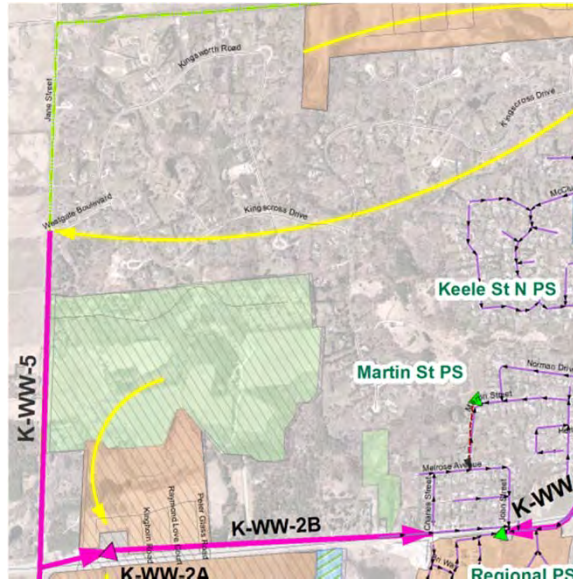
**WW-K-3 –Northeast Pumping Station and Forcemain**

This project contemplates the construction of a new pumping station and force main to service the future development of Northeast King City. The exact location of the sewage pumping station will be confirmed through the Planning process, but the forcemain will discharge to the existing sanitary collection system upstream of the Alex Campbell SPS.



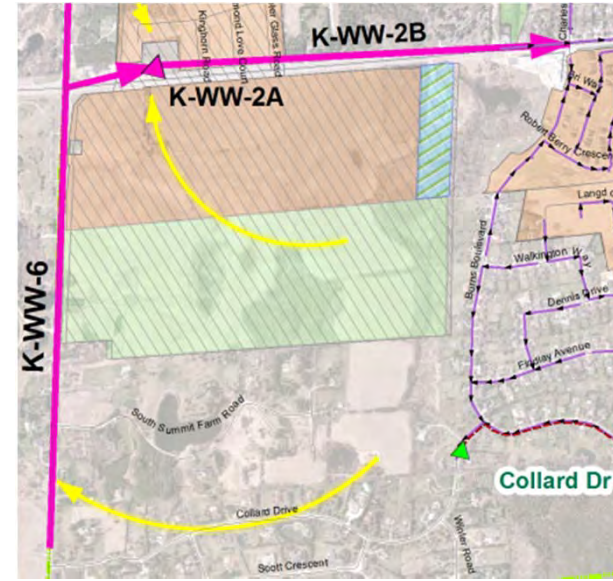
**WW-K-4 – Keele Street Sewer**

This project contemplates a new sewer along Keele Street, between 15<sup>th</sup> Side Road and McClure Drive. This new infrastructure is required to service for the development north-west of the King City and Seneca College.



**WW-K-5 – Jane Street Sewer (North)**

This project contemplates a new sewer along Jane St, between Westgate Boulevard and King Road. This new infrastructure would be required to eventually extend the wastewater system to the existing unserved development in northwest King City. This project should only be considered if there is a desire or requirement to provide service to the existing neighbourhood.



**WW-K-6 – Jane Street Sewer (South)**

This project contemplates a new sewer along Jane St, between Collard Drive and King Road. This new infrastructure would be required to eventually extend the wastewater system to the existing unserved development in southwest King City. This project should only be considered if there is a desire or requirement to provide service to the existing neighbourhood.



### W-S-1 – Main Street Upgrade West of Dr. Kay Sewage Pumping Station

This project contemplates upsizing of the existing sewers along Main Street upstream of the Dr. Kay pumping station. Hydraulic Modelling has identified that these sewers currently do not have sufficient capacity for the design flows from the existing serviced area. This infrastructure upgrade should be considered, as it will provide additional capacity to the existing system, and ensure that planned future development can also be accommodated.

The required timing of this upgrade could be better established by installing a flow meter upstream of the surcharge section, and tracking the flow over time.

### W-S-2 – Main Street Upgrade East of Dr. Kay Sewage Pumping Station

This project contemplates upsizing of the existing sewers along Main Street upstream of the Dr. Kay pumping station. Hydraulic Modelling has identified that these sewers currently do not have sufficient capacity for the design flows from the existing serviced area. This infrastructure upgrade should be considered, as it will provide additional capacity to the existing system, and ensure that planned future development can also be accommodated.

The required timing of this upgrade could be better established by installing a flow meter upstream of the surcharge section, and tracking the flow over time.

ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
W-K-1	15 <sup>th</sup> Sideroad Watermain	Dead end water network within development southwest of Keele St. and Sideroad. 15.	Exempt <sup>(1)</sup>	N/A
W-K-2	Kinghorn Road Watermain	Dead end water networks within developments west of Manitou Dr. and northeast of Jane St. and King Rd.	A+	\$125,000
W-K-3	Dufferin Street Watermain	Dead end water network at Valley Point Cres.	Exempt <sup>(1)</sup>	N/A
W-K-4	West King City Watermain Looping	Development south of King Road and east of Jane Street	Exempt <sup>(1)</sup>	N/A
W-N-1	Crestview Road Watermain	Dead end water network at Crestview Rd.	Exempt <sup>(1)</sup>	N/A
W-S-1	Roselena Drive Watermain	Low available fire flows along Roselena Dr.	Exempt <sup>(1)</sup>	N/A

Note:

1. Private Sector development; will proceed under the Planning Act.

ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
WW-K-1	King Road and Keele Street Sewer Upgrade	Development of northeast King City, and lands along 15 <sup>th</sup> Side Road (including Seneca College and Country Day School)	A+	\$1,100,000
WW-K-2	West Pumping Station and Forcemain	Development of west King City (under construction)	Exempt <sup>(1)</sup>	N/A
WW-K-3	East Pumping Station and Forcemain	Development of northeast King City, (including Country Day School)	Exempt <sup>(1)</sup>	N/A
WW-K-4	Keele Street Sewer	New gravity sewers are required to service lands along 15 <sup>th</sup> Side Road (including Seneca College)	A+	\$1,100,000
WW-K-5	Jane Street Sewer (North)	Potential future servicing of the currently-developed lands in northwest King City	B <sup>(2)</sup>	\$1,400,000
WW-K-6	Jane Street Sewer (South)	Potential future servicing of the currently-developed lands in southwest King City	B <sup>(2)</sup>	\$1,400,000
WW-S-1	Upsize Existing Sewer along Main Street (520m)	Currently undersized, based on the Township's Design Criteria.	A+	\$1,000,000
WW-S-2	Upsize Existing Sewer along Main Street (90m)	Currently undersized, based on the Township's Design Criteria.	A+	\$150,000

Note:

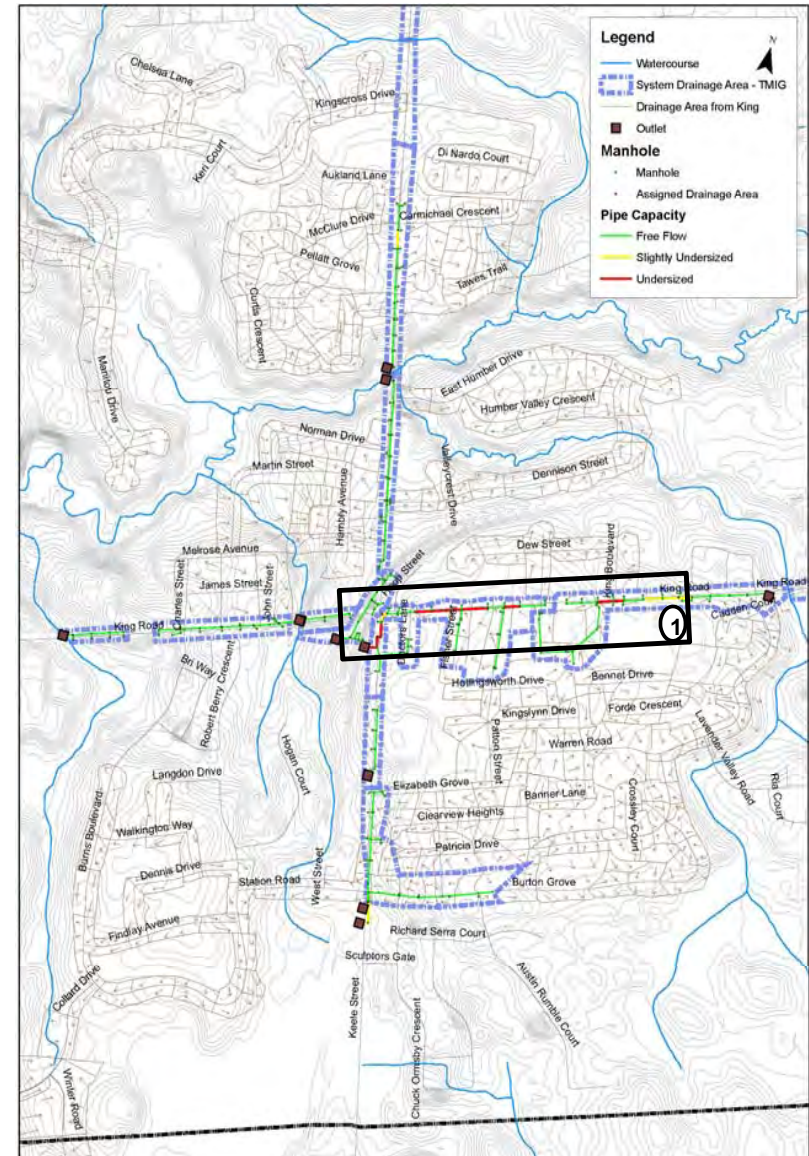
1. Private Sector development; will proceed under the Planning Act.

2. As there is no current plan to service these lands, a separate Class EA should be undertaken if servicing is determined to be required. This Master Plan established the ultimate servicing strategy for this existing neighbourhood, as well as the required future capacity of the sewage pumping station identified as project WW-K-2, based on the existing development density.

### Issue Identified

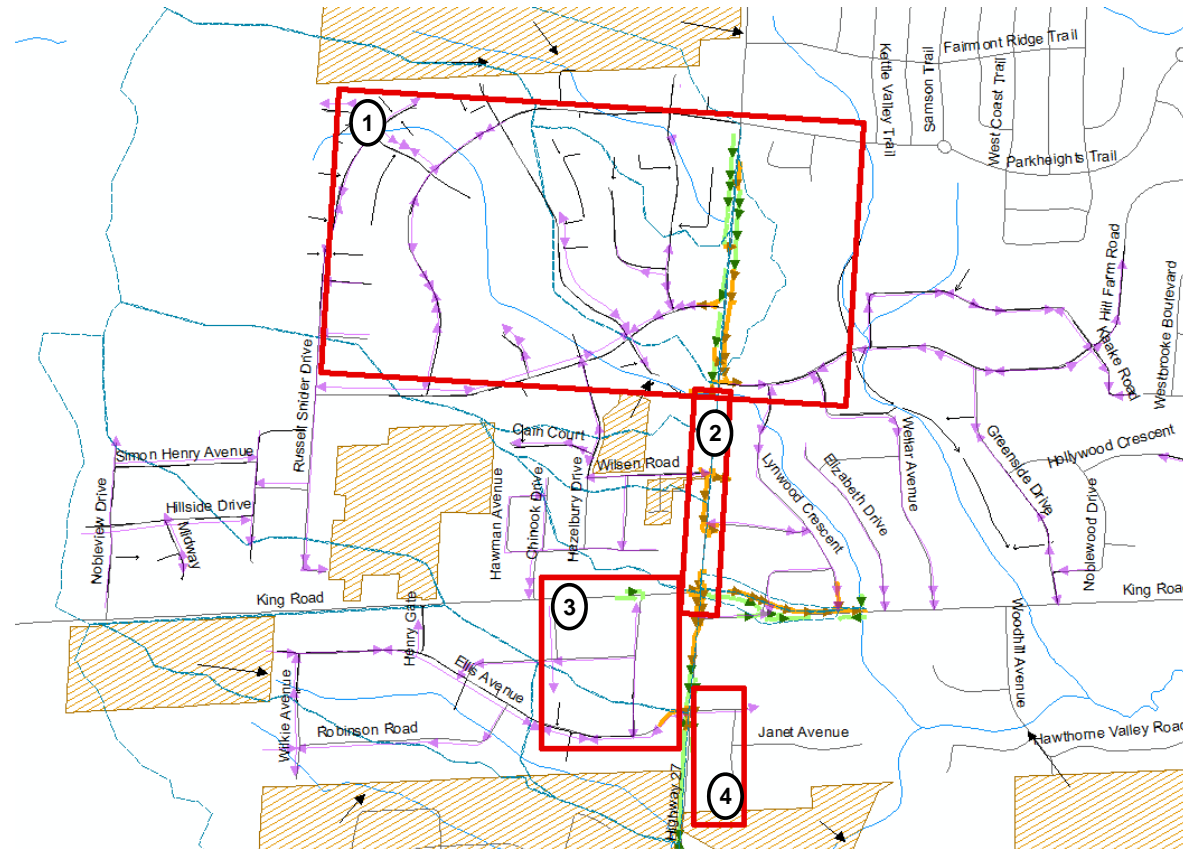
Storm sewers along King Road, east of Keele Street and along Keele Street south of King Road appear undersized

Further study is recommended to confirm storm sewer capacity and evaluate alternatives to address capacity constraints.



**Issues Identified:**

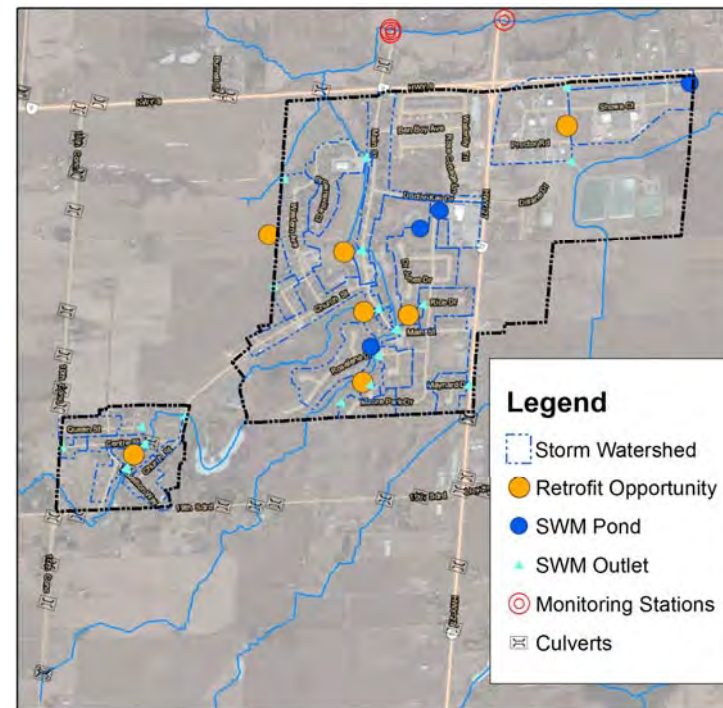
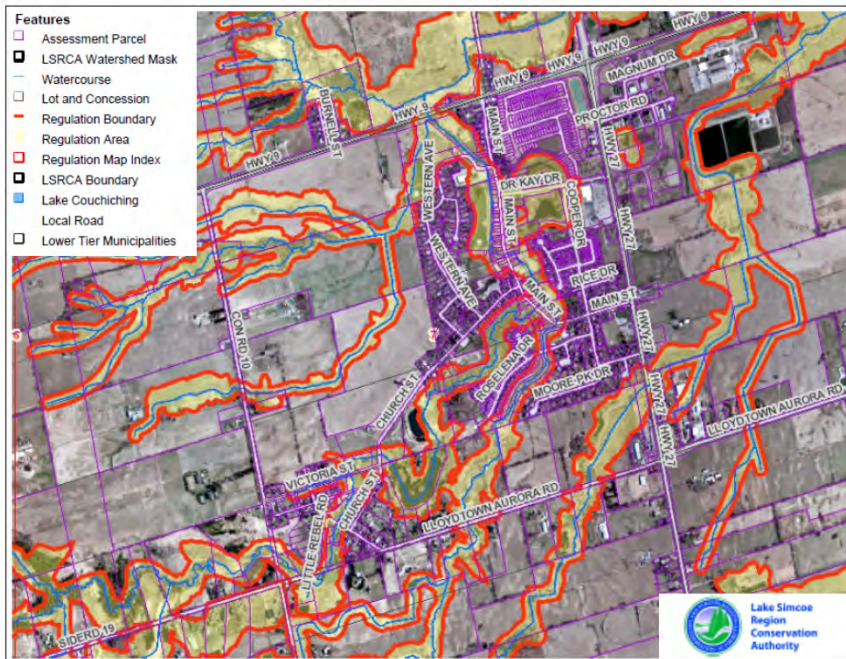
- (1) The storm sewer along Hill Farm Road between Highway 27 and Lynwood Crescent appears undersized
- (2) Discontinuous drainage systems along Highway 27 between Hill Farm Road and King Road
- (3) Storm runoff is conveyed through private property south of King Road, west of Highway 27
- (4) Non-standard drainage system through rear yards east of Highway 27, south of Parkview Avenue



Further study is recommended to confirm storm drainage system capacities and evaluate alternatives to address capacity constraints.

Intensification is limited in Schomberg since most of the area is within the floodplain.

Only 24% of the total Schomberg area is controlled through stormwater management facilities. Potential retrofit locations were identified to improve the existing conditions.







STORMWATER MANAGEMENT CRITERIA

AUGUST 2012 VERSION 1.0



## TRCA Criteria (Nobleton and King City)

### Erosion Control:

- On-site retention of minimum 5mm
- Extended detention of 25mm event for a period of 48 hours (depending on erosion assessment)

### Quality Control:

- Minimum 80% TSS removal

### Quantity Control:

- Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm
- Unit flow relationships have been established by TRCA
- Regional Storm control may be required for certain areas
- Capacity of downstream storm conveyance systems should be considered

### Water Balance:

- For most sites, maintain pre-development groundwater recharge rates
- Criteria differ depending on site characteristics

## LSRCA Criteria (Schomberg)

LSRCA Technical Guidelines  
for  
Stormwater Management  
Submissions  
April 16, 2011



### Erosion Control:

- Not required for sites under 2 ha
- Extended detention of 25mm event for a period of 24 hours

### Quality Control:

- Minimum 80% TSS removal
- Phosphorus Loading Study – Best efforts to achieve no additional increase in post development loading

### Quantity Control:

- Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm
- Regional Storm control may be required for certain areas
- Capacity of downstream storm conveyance systems should be considered

### Water Balance:

Best efforts to maintain pre-development groundwater recharge rates.

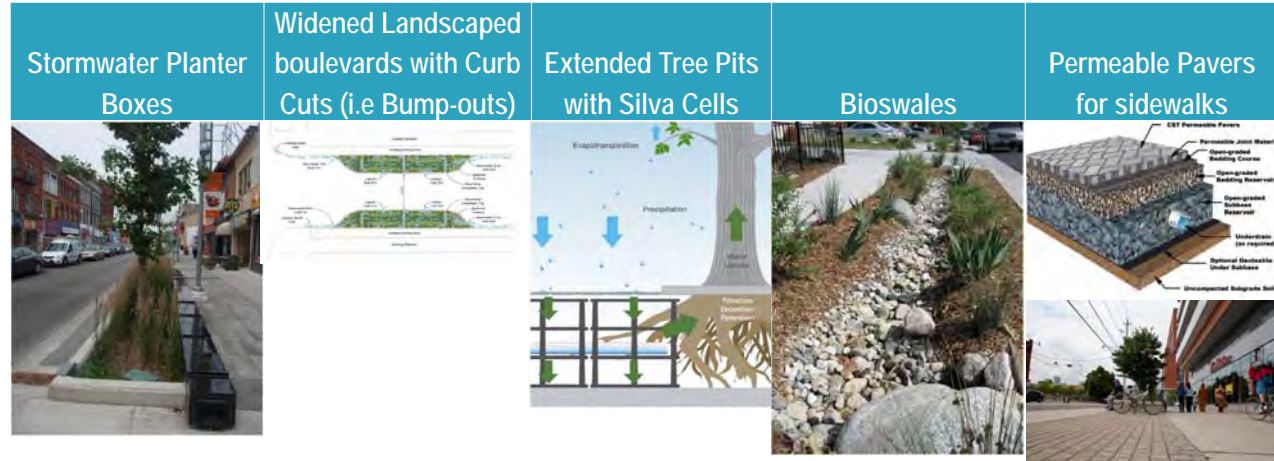
# Stormwater – Potential for Low-Impact Development

## Low Impact Development (LID):

Low Impact development (LID) is a stormwater management strategy that can decrease the impacts of increased rainwater on the streets and into the streams as well as decrease stormwater pollution by managing the rainwater as close to its source as possible. These practices can effectively remove nutrients, pathogens and metals from runoff, and reduce the amount of stormwater flows.

## Suggested LID Implementation:

- Street vitalization projects along right of ways and sidewalks
- In conjunction with small or large section of planned road work



Potential LID Implementation Location		Potential LID's				
		Stormwater Planter Boxes	Widened Landscaped boulevards with Curb Cuts (i.e Bump-outs)	Extended Tree Pits with Silva Cells	Bioswales	Permeable Pavers for sidewalks
King City	King Road, east of Keele Street	X		X		X
	Keele Street, south of King Road	X		X	X	X
Nobleton	Highway 27, north and south of King Road	X		X		X
	King Road, east of Highway 27;	X		X		X
Schomberg	Main Street;	X	X	X		X

- Comments from this Technical Advisory Committee will be considered along with those received from Public at the Public Consultation Centres.
- The Project Team will Review the feedback and respond to any comments received, document the studies and finalize the Master Plan.
- The Public Consultation Centres are scheduled for the weeks of July 13<sup>th</sup> and July 20<sup>th</sup>, 2015.
- The Master Plans will be prepared and filed for 30 calendar days for agency and public review. Scheduled date for issuance of the Master Plan is August 14<sup>th</sup>, 2015.
- Review agencies and the public will be notified of the completion of the studies and locations where the Master Plans can be reviewed.
- Schedule A, Schedule A+ and Schedule B projects not requiring further study would move forward to implementation based on the identified schedule.
- Should you have any questions, please contact King Township or TMIG.



## NOTICE OF PUBLIC CONSULTATION CENTRE # 2

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. The initial PCC was held in May 2014 to present the Study Background and Objectives. We would like to invite you, your friends, and your neighbours to participate in an upcoming Phase 2 Public Consultation Centre (PCC). At this Phase 2 PCC, you will learn about the preferred solutions for water, wastewater and stormwater management. You will have the opportunity to ask us questions, share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCC process is important to us.

This second round of PCCs has been scheduled for:

##### SCHOMBERG:

**Date:** Wednesday, July 15, 2015  
**Location:** Trisan Centre (Multi-Purpose Room)  
**Address:** 25 Dillane Drive, Schomberg

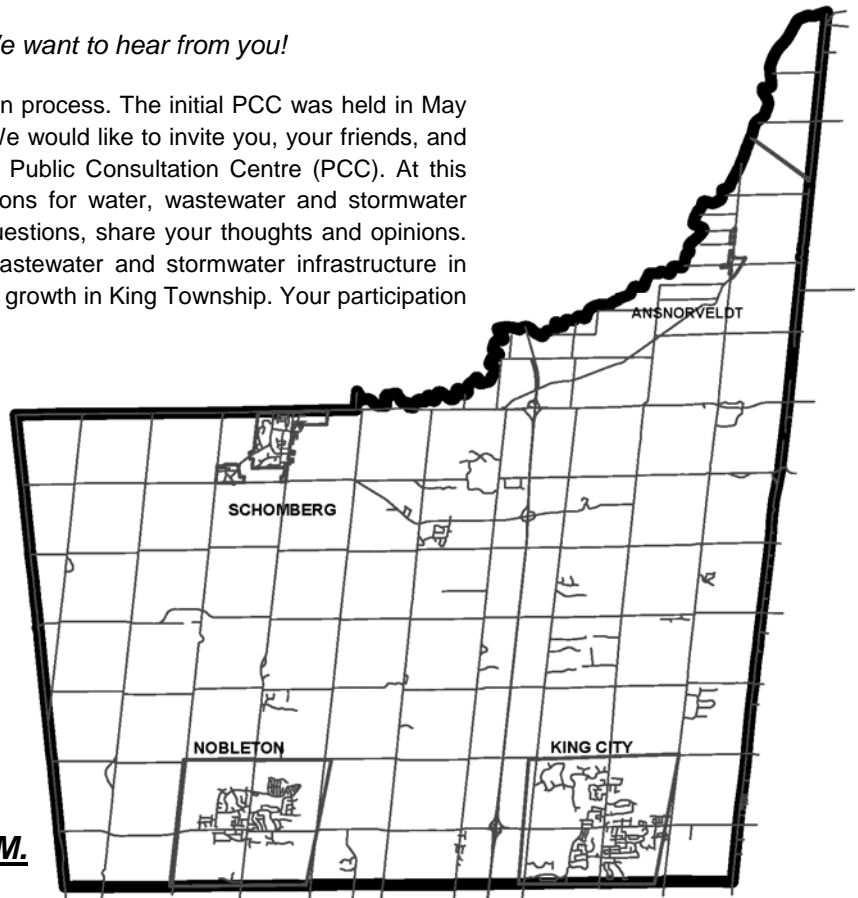
##### KING CITY:

**Date:** Thursday, July 16, 2015  
**Location:** King City Arena (Arena Hall)  
**Address:** 25 Doctors Lane, King City

##### NOBLETON:

**Date:** Tuesday, July 21, 2015  
**Location:** Nobleton Arena (Arena Hall)  
**Address:** 10 Old King Road, Nobleton

**Timing of all PCCs will be 6:30 to 8:30 PM.**



The PCC Format will consist of an Open House, with Township and Consultant Staff available to assist in the interpretation of the Presentation Materials and to answer any questions you might have.

The same information is being presented in each community, so you only need to attend one of these sessions.

Public comment obtained at the PCC will be incorporated into the final phase of the Study.

Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*

**WATER/WASTEWATER AND STORMWATER  
MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**PHASE 2 PUBLIC CONSULTATION CENTRES**

**SCHOMBERG**

Wed, July 15, 2015  
6:30 – 8:30 PM

Trisan Centre  
25 Dillane Drive

**KING CITY**

Thurs, July 16, 2015  
6:30 – 8:30 PM

King City Arena  
25 Doctors Lane

**NOBLETON**

Tues, July 21, 2015  
6:30 – 8:30 PM

Nobleton Arena  
10 Old King Road

**PROJECT CONTACTS:**

**Mr. John Vandenberg, C.Tech., EP**  
**King Township, Engineering and Public Works**  
2075 King Rd.  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300  
Email: [jvandenberg@king.ca](mailto:jvandenberg@king.ca)

**Mr. Kevin Brown, P.Eng.**  
**Consultant Project Manager**  
**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700 Ext. 247  
Fax: (905) 738-0065  
Email: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)

In association with:

**Urban Strategies Inc:** Urbanization Study  
**Savanta Inc:** Aquatic and Terrestrial Habitat Review  
**Swerhun Inc:** Communications Facilitation

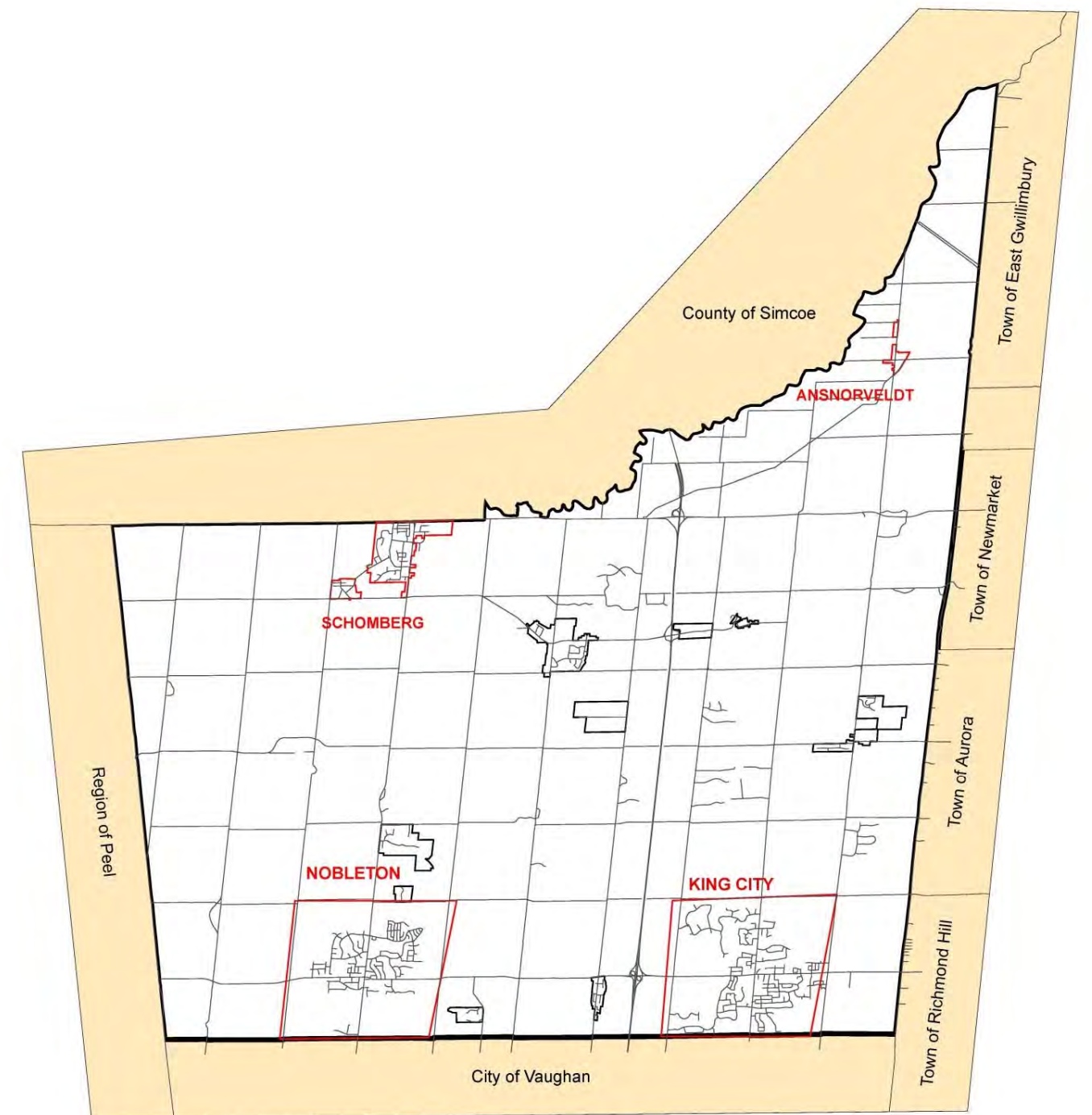
**PROJECT INFORMATION:**

Project Website:  
[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

Project E-Mail:  
[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.



## Problem Statement / Study Background

Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

King Township has initiated Master Plan studies that will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands currently designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

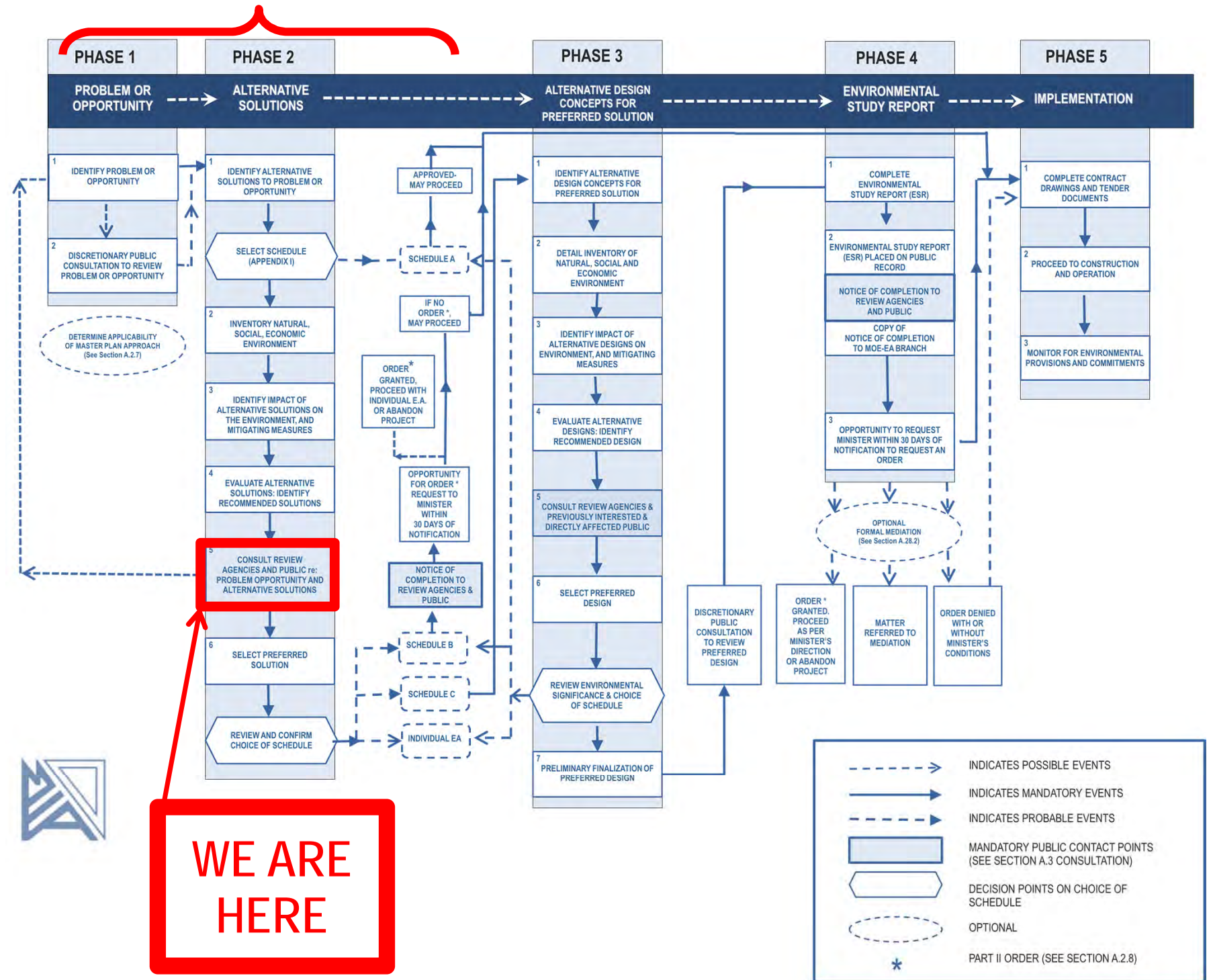


## Municipal Class Environmental Assessment

King Township retained The Municipal Infrastructure Group Ltd. to complete this Study in accordance with the Municipal Class Environmental Assessment process. This Master Plan is considered a Schedule 'B' Project, encompassing Phases 1 and 2 of the Municipal Class EA process.

Milestone	Date
Notice of Commencement	March 6, 2014
Phase 1 PCC	May 13, 2014
Phase 2 PCC (Schomberg)	July 15, 2015
Phase 2 PCC (King City)	July 16, 2015
Phase 2 PCC (Nobleton)	July 21, 2015
Project File Report	August 14, 2015

### Master Plan Scope



### King Township Official Plan Review



King is undertaking an Official Plan Review to:

- (i) develop a new, overarching parent Official Plan, and
- (ii) complete Provincial plan conformity exercises to incorporate the Greenbelt Plan, the Growth Plan, the Lake Simcoe Protection Plan, and Source Protection Plans into the Township's official plan documents.

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.

### Urbanization Study (Undertaken Concurrent to this Master Plan)



In conjunction with the Water/Wastewater and Stormwater Master Plans, TMIG and Urban Strategies Inc are concurrently undertaking an Urbanization Study.

This supplementary Study will identify the design criteria for elements within the existing rights-of-way to support anticipated development goals as defined by the Township.

### Transportation Master Plan



The Township of King has also initiated a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

### York Region Water/Wastewater Master Plan Update (2015)



The Region is starting the process of updating their Water and Wastewater Master Plan, which was last updated in 2009.

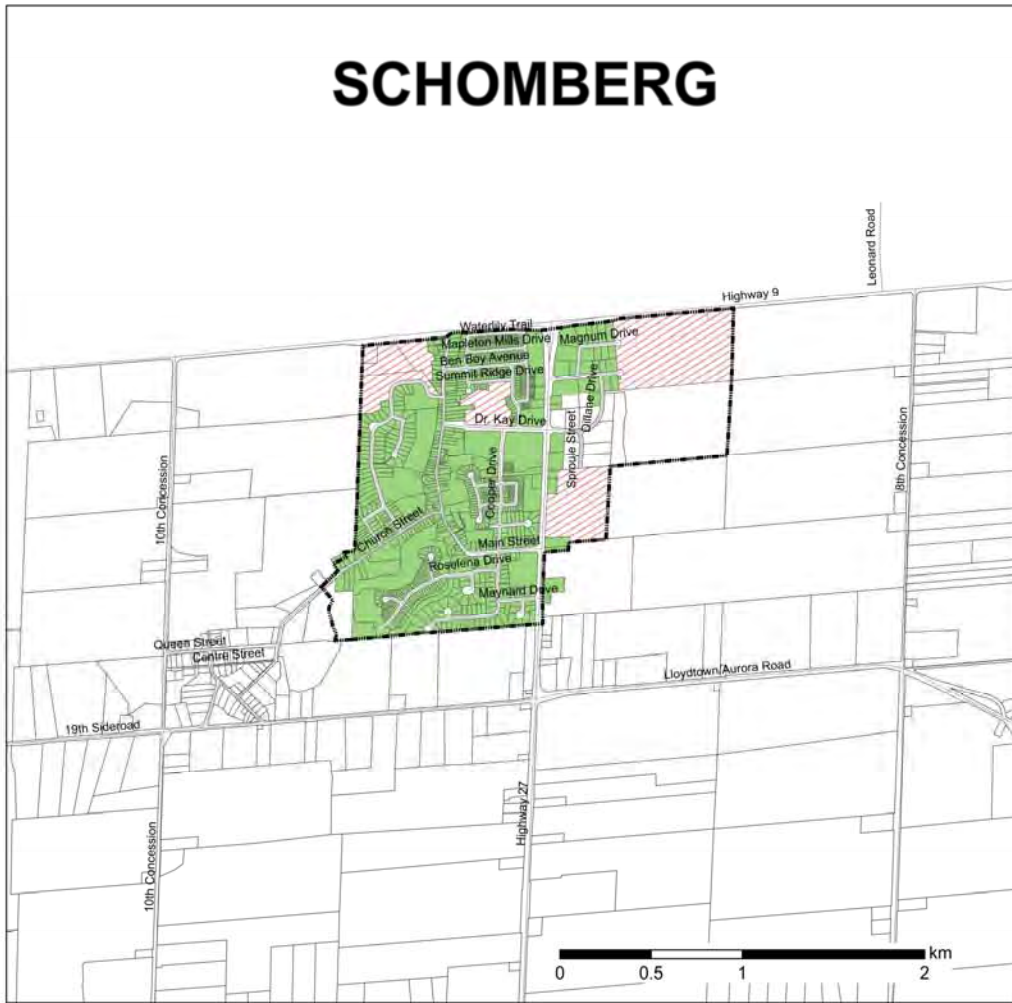
As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's treatment plants, it is important that the Township and the Region share a common understanding of how water demands and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.

The Province has identified that the Greater Golden Horseshoe is growing, and the Region of York has forecasted that the population in King Township is to increase from 21,000 to 34,500 by 2031.

The growth within King Township is predominantly directed to the three villages of King City, Nobleton and Schomberg.

Growth will have two distinct 'forms': *New greenfield development* on lands previously designated in the local Community Plans, and *Intensification* of existing built-up areas to accommodate a greater population density to make better use of existing infrastructure.

### SCHOMBERG

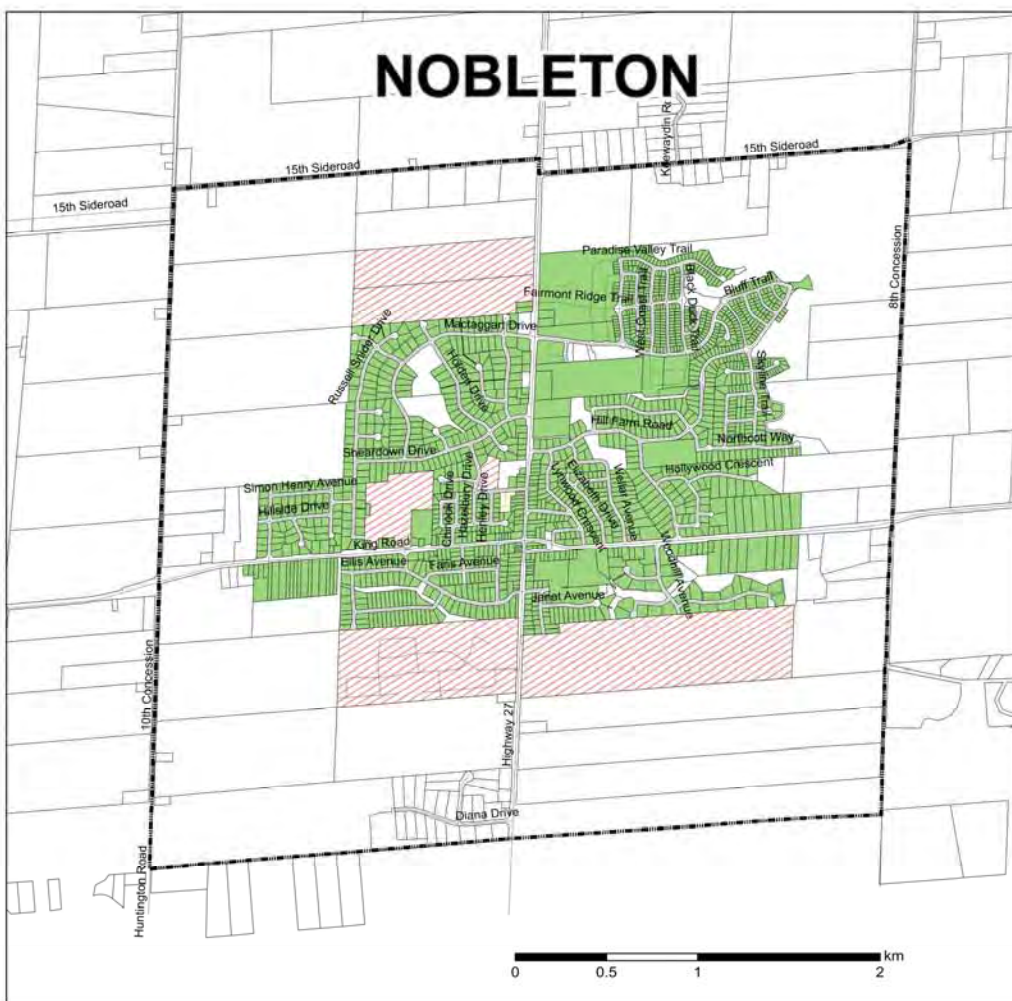


COMMUNITY	Existing Population (2013)	Planned Population (2031)
King City	5,800	11,500
Nobleton	4,000	8,500
Schomberg	2,650	3,200

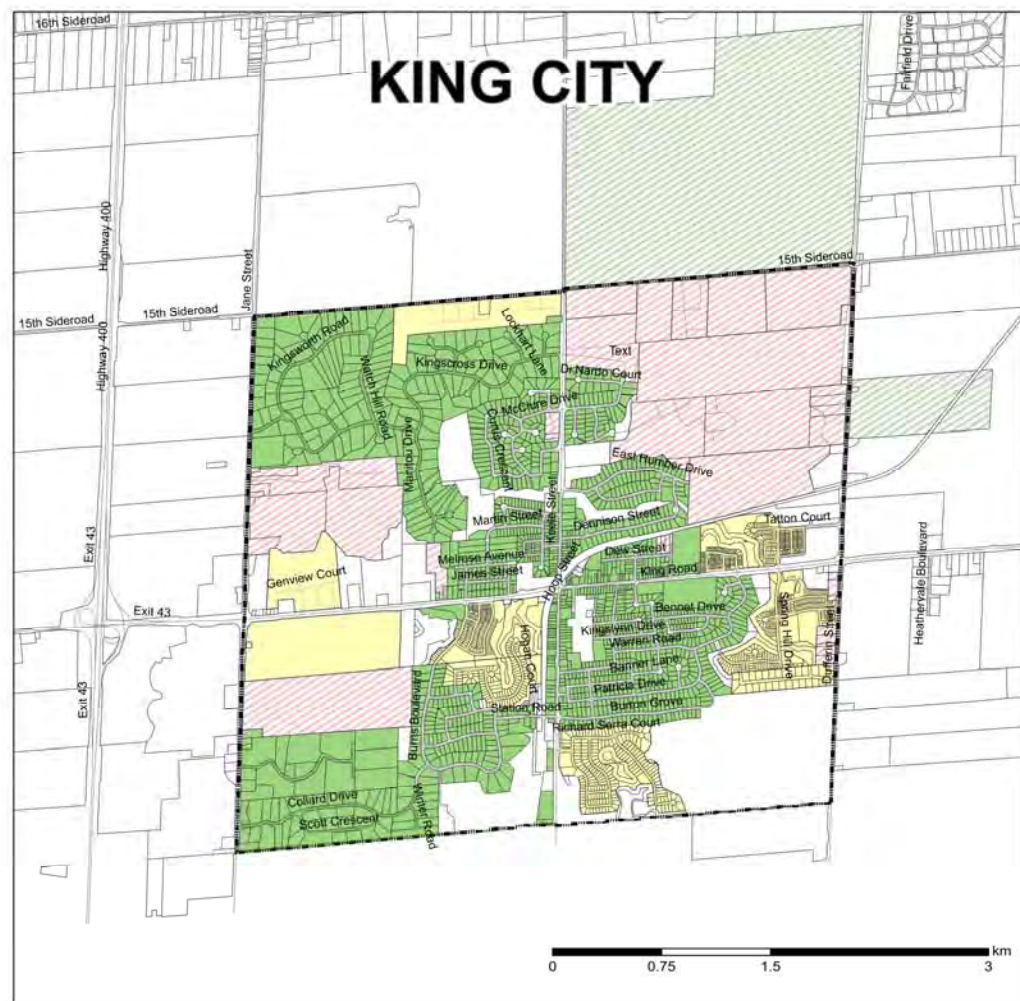
#### Legend

- Parcel\_All
- Planning Status**
- Existing
- Designated External Service Area
- Approved
- Designated
- Community Boundary

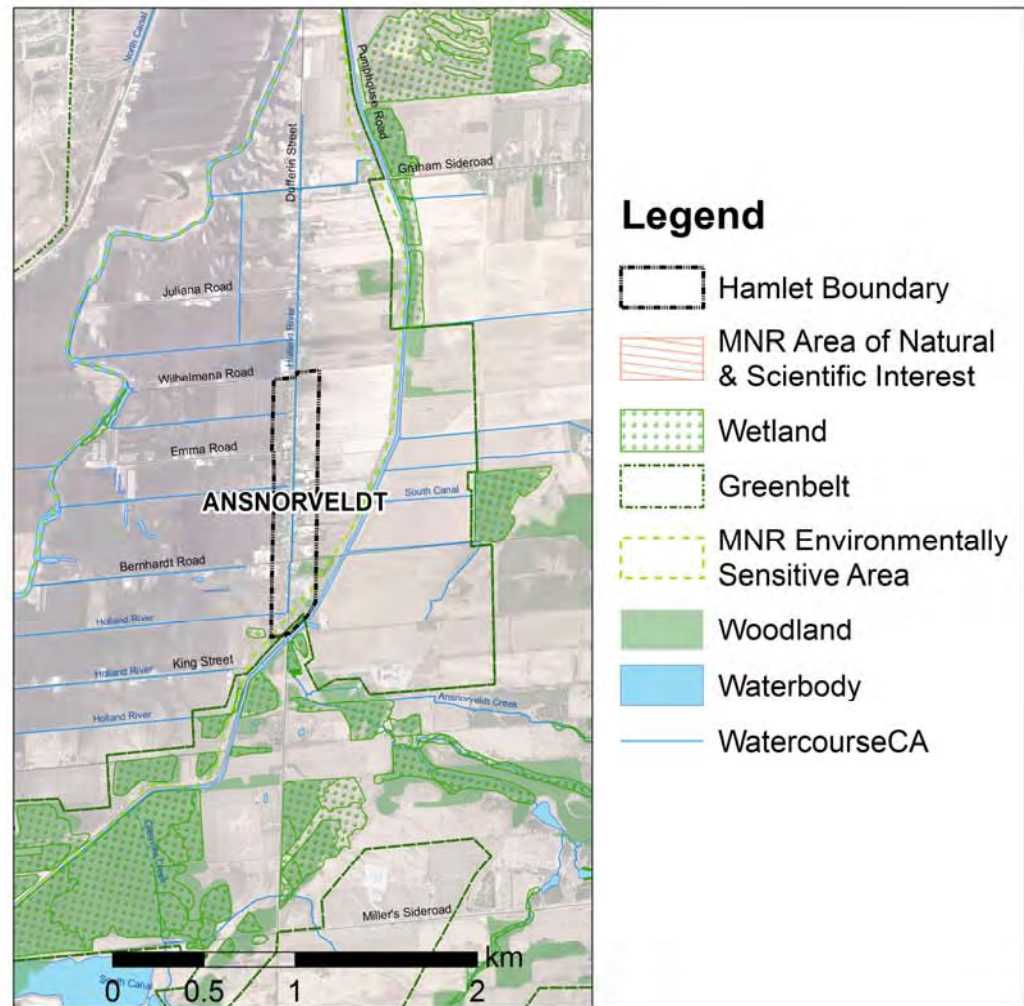
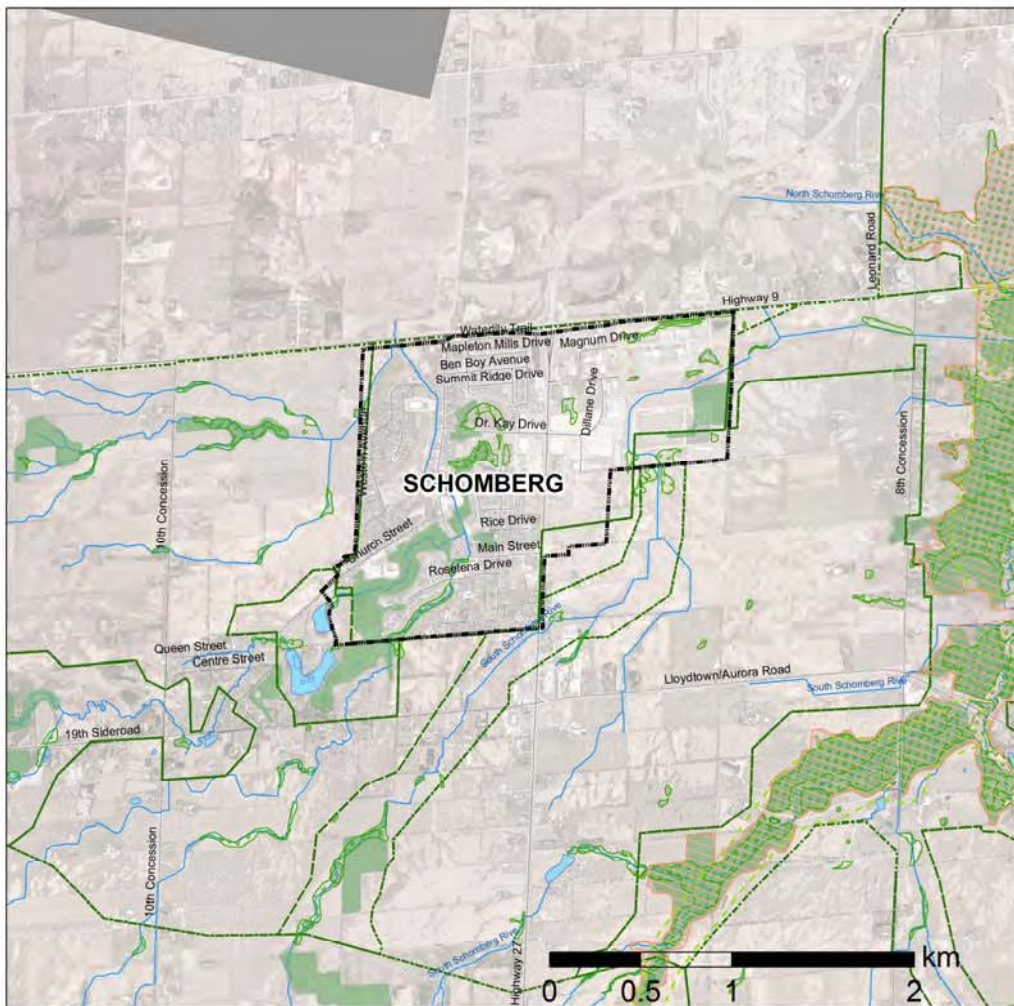
### NOBLETON



### KING CITY

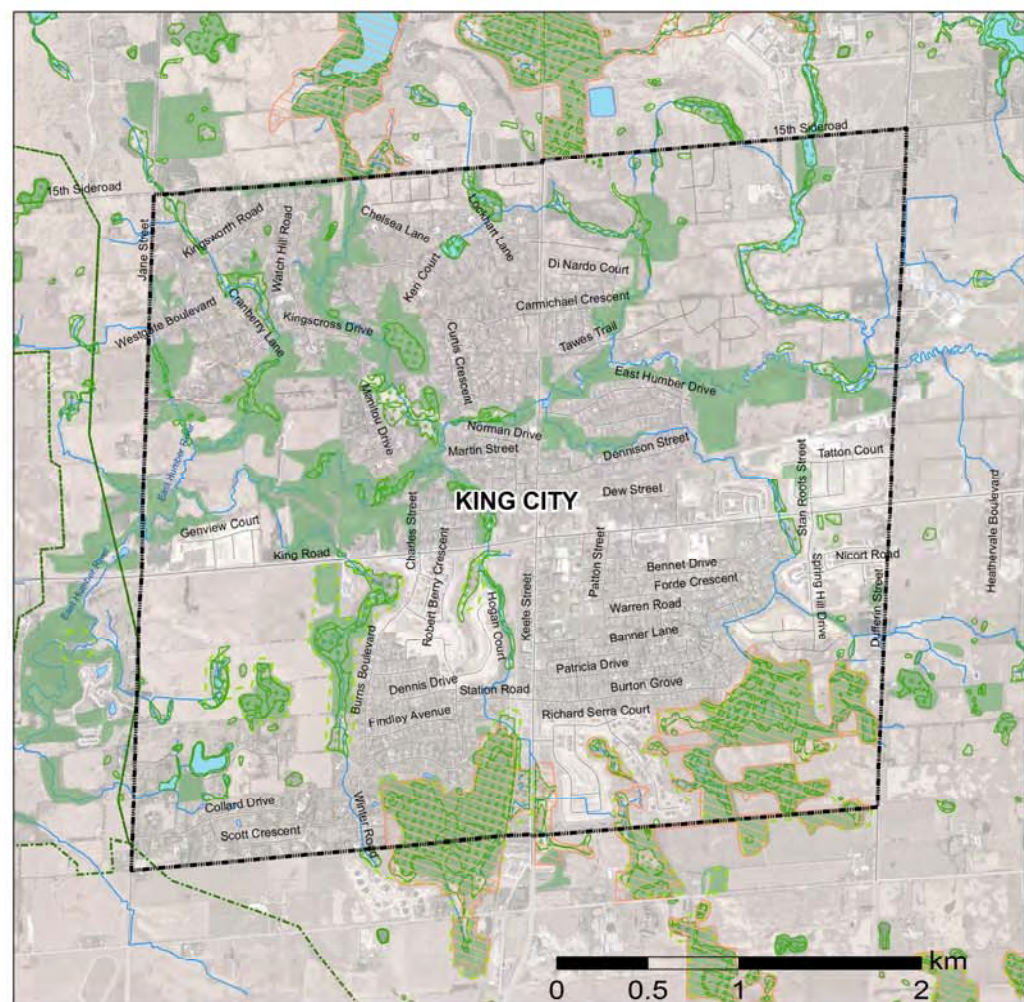
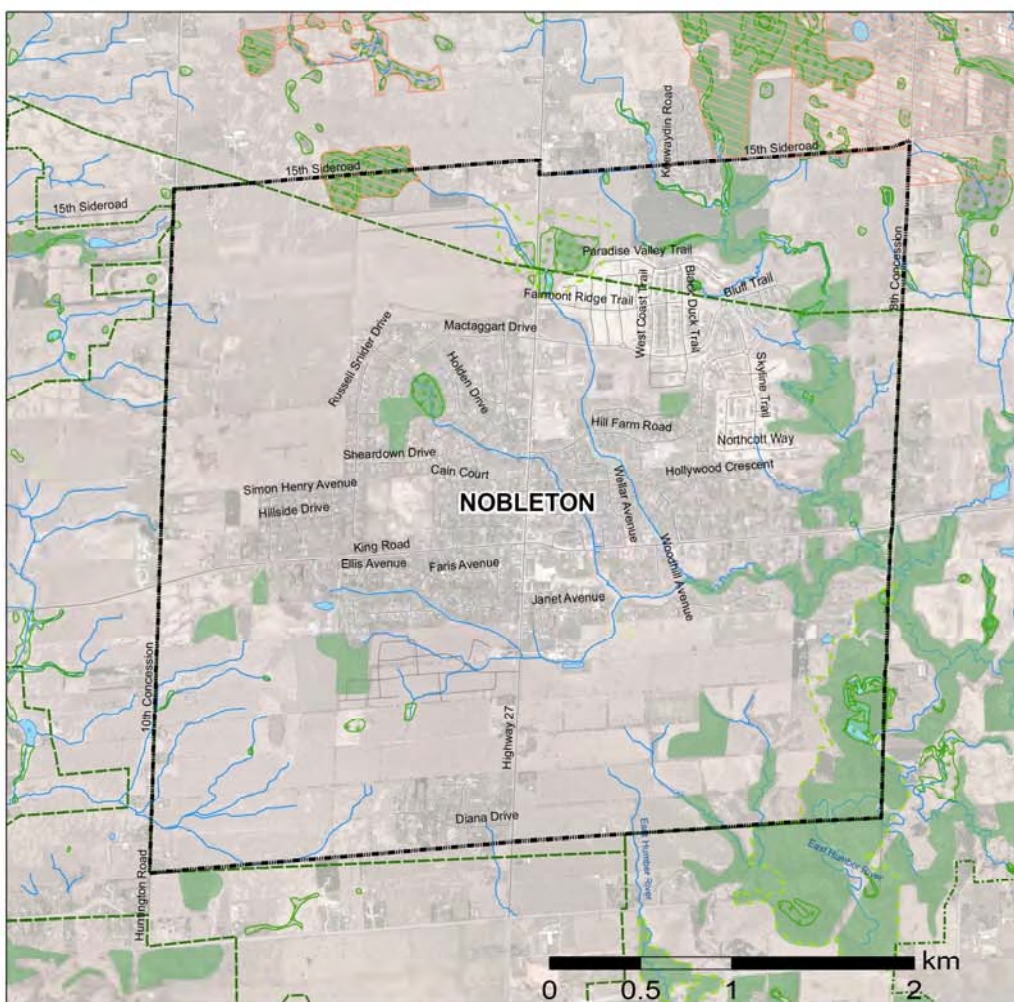


These images identify the elements of the Natural Environment (Aquatic and Terrestrial Features) that should be considered when identifying the preferred water, wastewater and stormwater servicing solutions. Where the preferred servicing solutions could potentially adversely affect elements of the Natural Environment, mitigative measures will be identified as to minimise that potential adverse impact.



**Legend**

- Hamlet Boundary
- MNR Area of Natural & Scientific Interest
- Wetland
- Greenbelt
- MNR Environmentally Sensitive Area
- Woodland
- Waterbody
- WatercourseCA



Criterion	Value	Note
Residential Average Day Demand	450 Lpcd	-
Maximum Day Factor	King City: 2.00 Nobleton: 2.00 Schomberg: 2.25	From the MOE Design Guidelines, based on community population
Peak Hour Factor	King City: 3.00 Nobleton: 3.00 Schomberg: 3.38	From the MOE Design Guidelines, based on community population
Commercial / Industrial / Institutional	86 persons/ha	Equivalent residential population
Fire Flows	Per Fire Underwriters Survey	-
System Pressures – Peak Hour	275 to 700 kPa	40 to 100 psi
System Pressures – Maximum Day plus Fire	140 to 700 kPa	20 to 100 psi

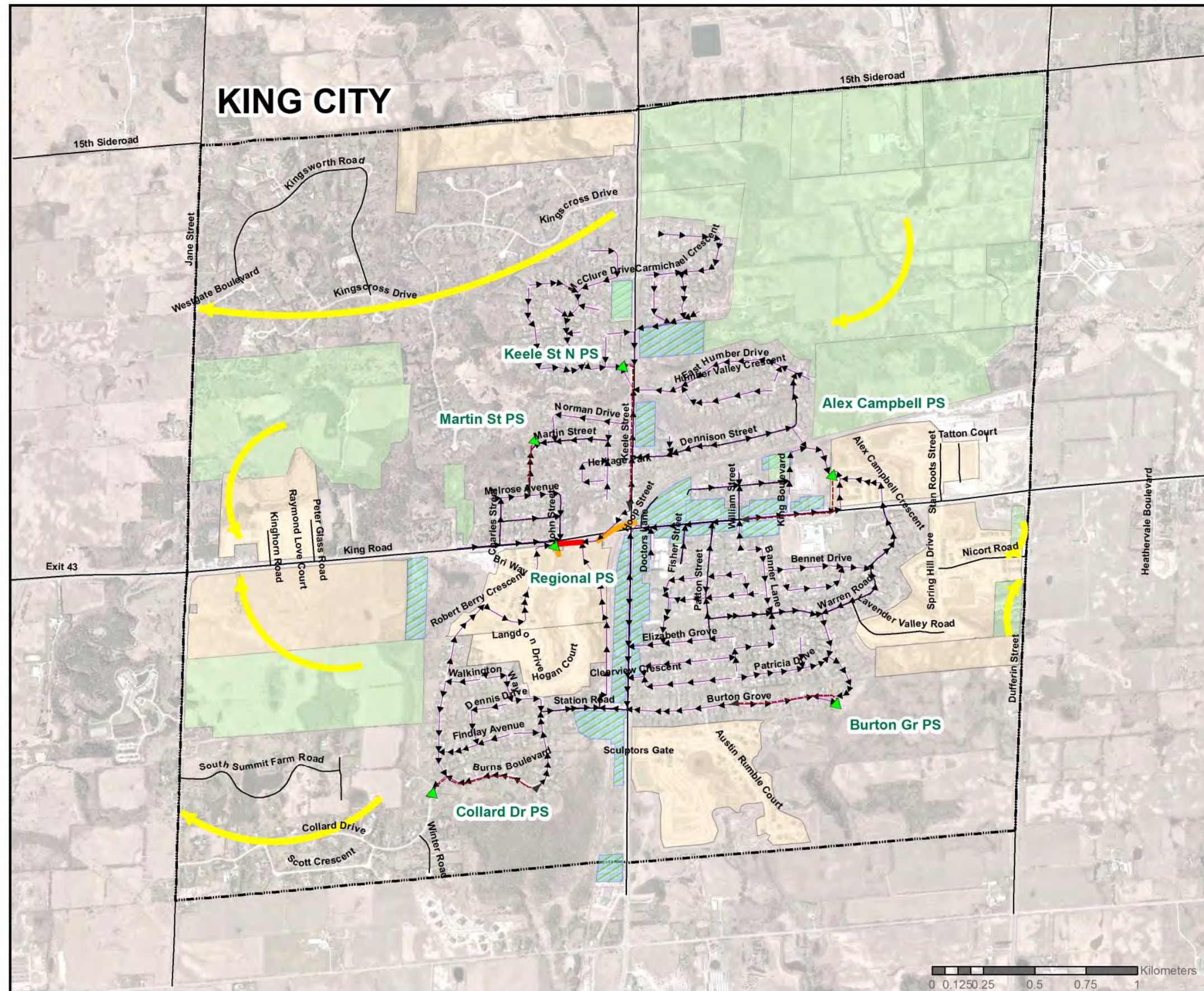
Category	Structure Characteristics	Calculated Fire Flow	Example
Residential	260 m <sup>2</sup> (2,800 ft <sup>2</sup> ) 'Ordinary' Construction Limited Combustible Content Not Sprinklered	63 L/s	
Main Street Commercial	300 m <sup>2</sup> /storey (3,200 ft <sup>2</sup> ) Two Storeys (apartment above) 'Ordinary' construction Combustible Content NFPA 13 Sprinkler System	103 L/s	
Major Retail/Industrial	5,000 m <sup>2</sup> (55,000 ft <sup>2</sup> ) 'Non-Combustible' Construction Combustible Content NFPA 13 Sprinkler System	187 L/s	

Criterion	Value	Note
Residential Average Day Flow	365 Lpcd <sup>(1)</sup>	
Infiltration Allowance	0.20 L/s/ha	Applies to Residential Lands only
Commercial Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking
Industrial Flows (Light)	35 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Industrial Flows (Heavy)	55 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Institutional Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking

Notes:

1. Current King Township Design Standards show 450Lpcd. This is in the process of being revised to 365 Lpcd, supported by actual wastewater generation data. The existing systems were designed based on 365 Lpcd.





**Legend**

- Existing SPS
- Existing Forcemain
- Future Drainage Direction

**Existing Sewer**

- <80% Capacity
- 80-100% Capacity
- >100% Surcharge

**Planning Status**

- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

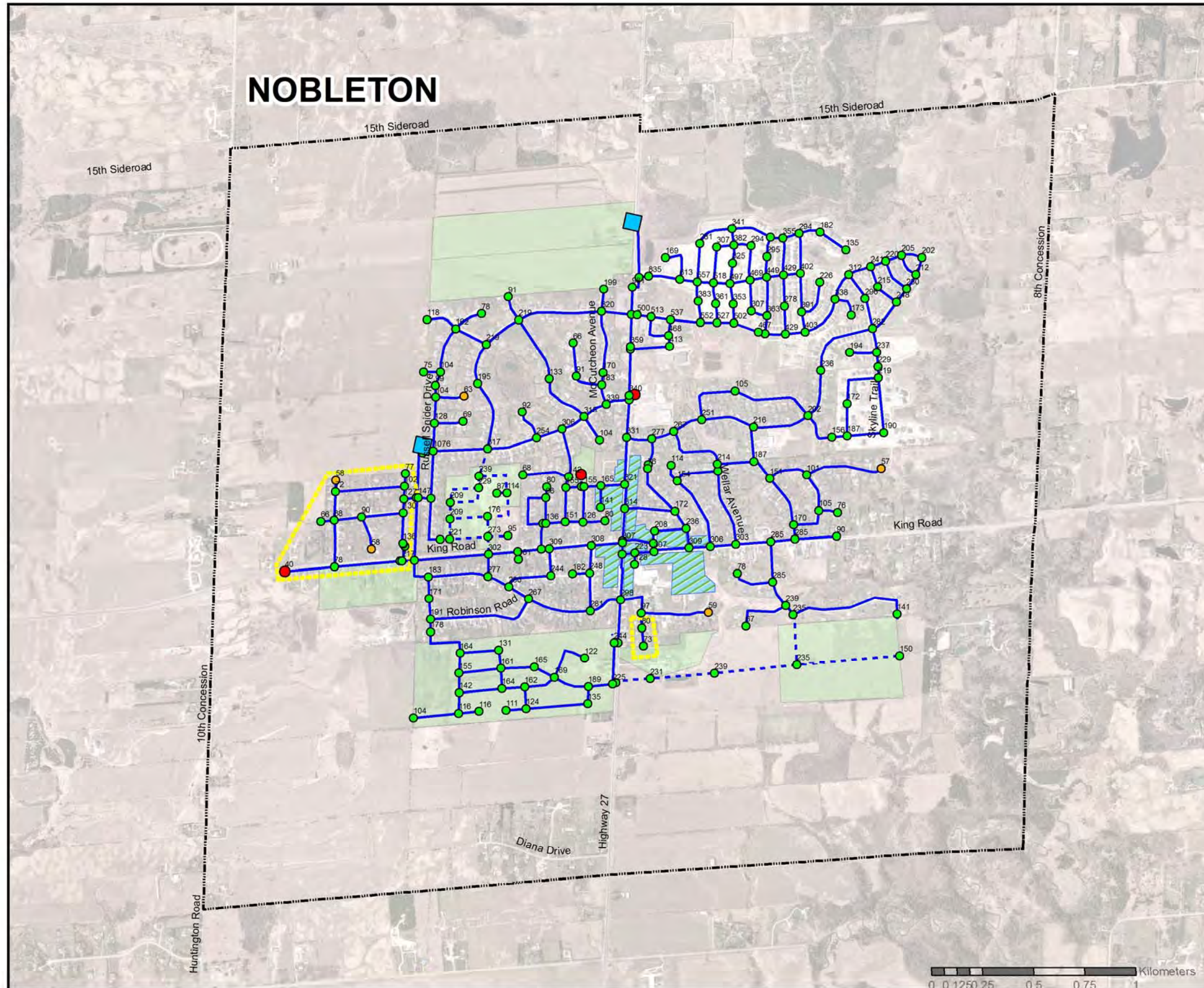
Date:	Figure No.:
<b>JULY 2015</b>	<b>6B</b>

Figure Title:  
**King City Wastewater System  
 Full Build Out 365 Lpcd**

**Township of King Water, Wastewater  
 and SWM Master Plan**







**Legend**

**Elevated Tank**

- Active

**Available Fire Flow (L/s)**

- Fire Flows lower than FUS-recommended at 140 kPa (20 psi)
- Fire Flows within 10 L/s of FUS-recommended at 140 kPa (20 psi)
- Fire Flows exceed FUS-recommended at 140 kPa (20 psi)

**Watermain**

- Existing
- Planned

**Planning Status**

- Potential Intensification
- Future Development
- Community Boundary

**Other Symbols:**

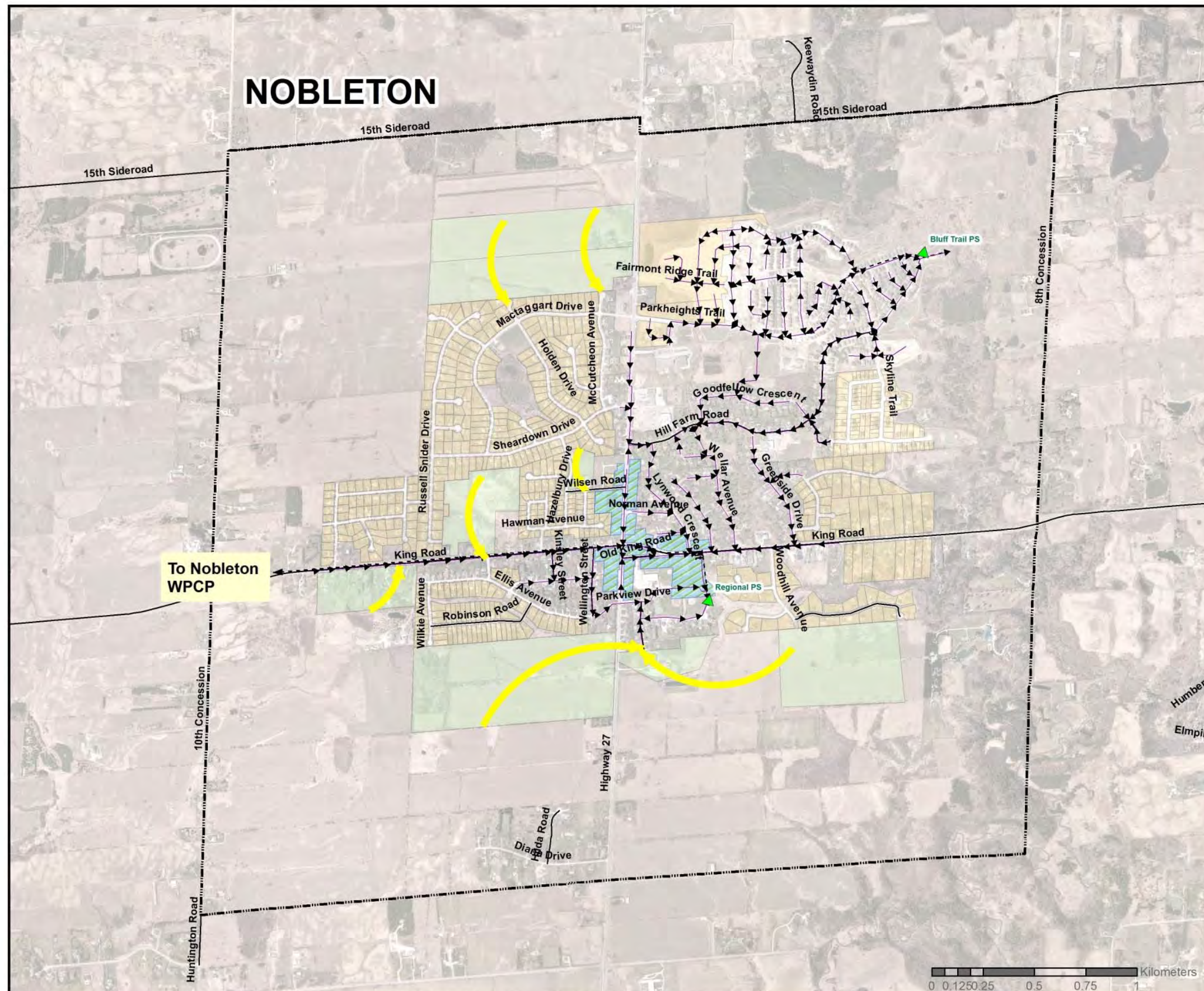
- Areas Served by a Single Watermain

Date:	Figure No.:
<b>JULY 2015</b>	<b>7A</b>

Figure Title:  
**Nobleton Water System  
 Max Day Plus Fire Flow Scenario**

**Township of King Water, Wastewater  
 and SWM Master Plan**





N

**Legend**

- Existing SPS
- Existing Forcemain
- Future Drainage Direction

**Existing Sewer**

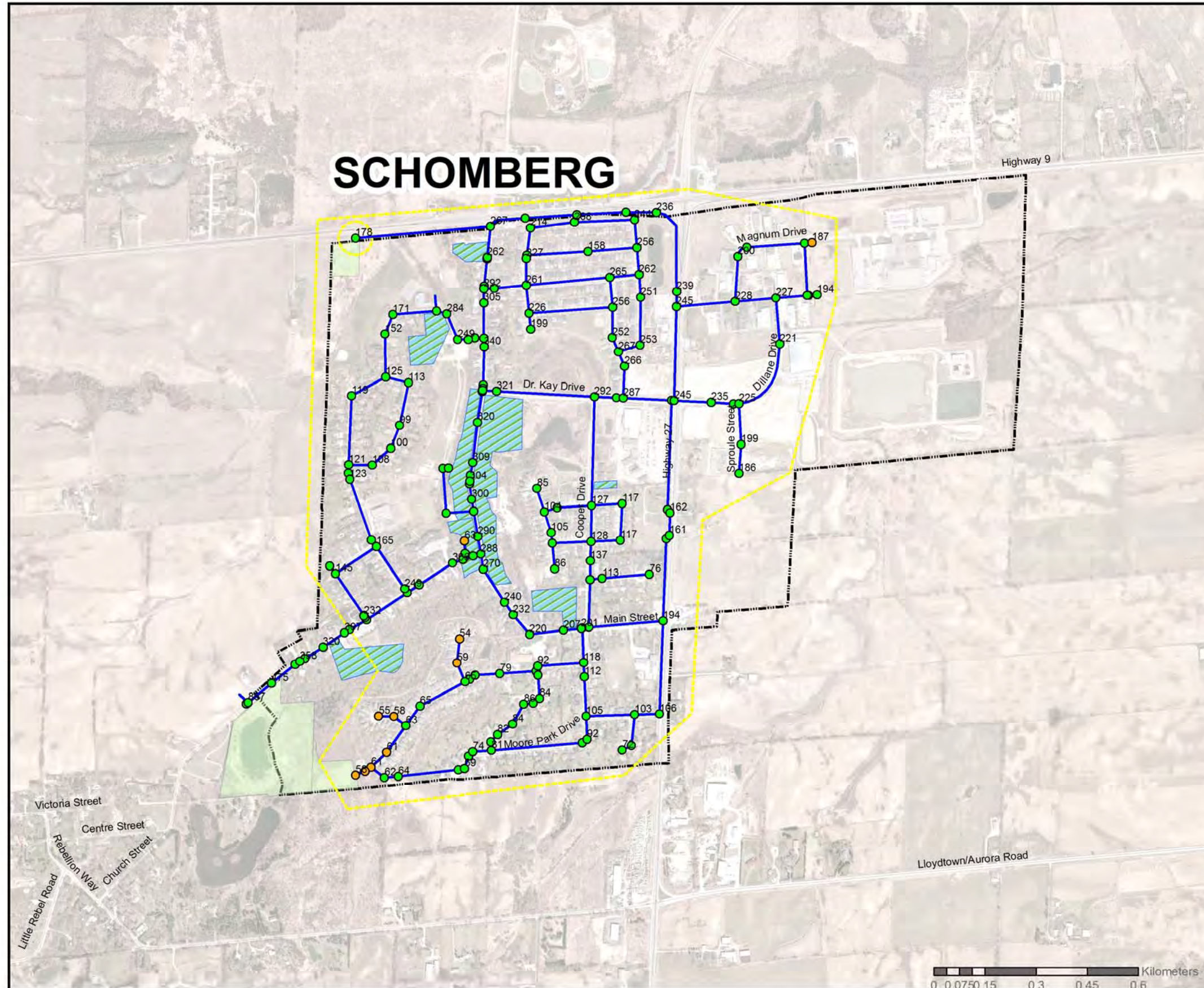
- <80% Capacity

**Planning Status**

- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

Date:	Figure No.:
<b>JULY 2015</b>	<b>7B</b>
Figure Title: <b>Nobleton Wastewater System Full Buildout 365 Lpcd</b>	
<b>Township of King Water Wastewater and SWM Master Plan</b>	

Kilometers  
0 0.125 0.25 0.5 0.75 1



### Legend

#### Available Flow (L/s)

- 48 Fire Flows lower than FUS-recommended at 140 kPa (20 psi)
- 57 Fire Flows within 10 L/s of FUS-recommended at 140 kPa (20 psi)
- 90 Fire Flows greater than FUS-recommended at 140 kPa (20 psi)

#### Watermain

- Existing
- - - Proposed
- Areas Served by a Single Watermain

#### Planning Design

- Potential Intensification
- Future Development
- Community Boundary

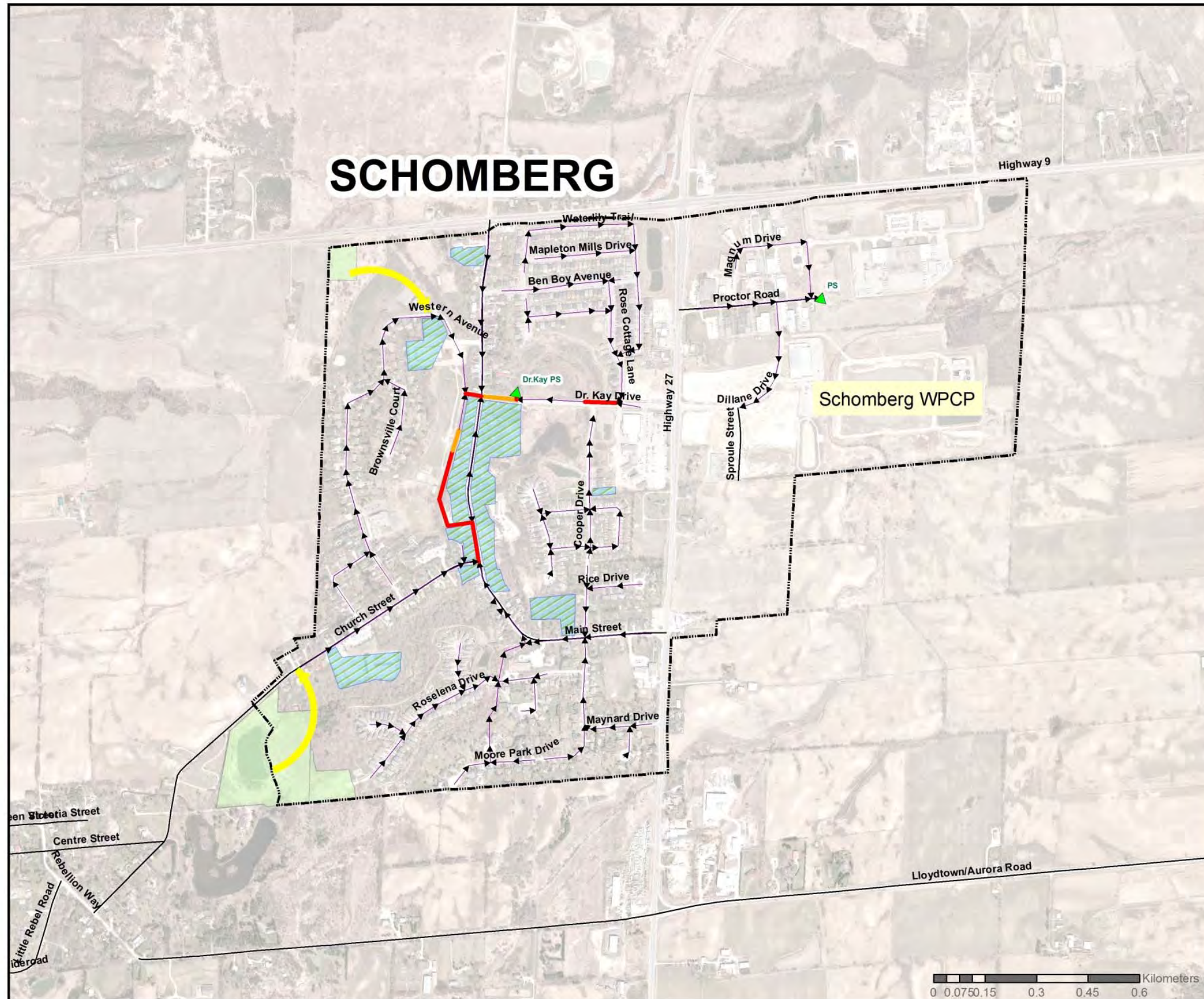
Date:  
**JULY 2015**

Figure No.:  
**8A**

Figure Title:  
**Schomberg Water System  
Max Day Plus Fire Flow Scenario**

**Township of King Water, Wastewater  
and SWM Master Plan**





N

**Legend**

- ▲ Existing SPS
- - - - - Existing Forcemain
- Future Drainage Direction

**Existing Sewer**

- < 80% Capacity
- 80-100% Capacity
- > 100% Surcharge

**Planning Status**

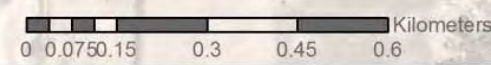
- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

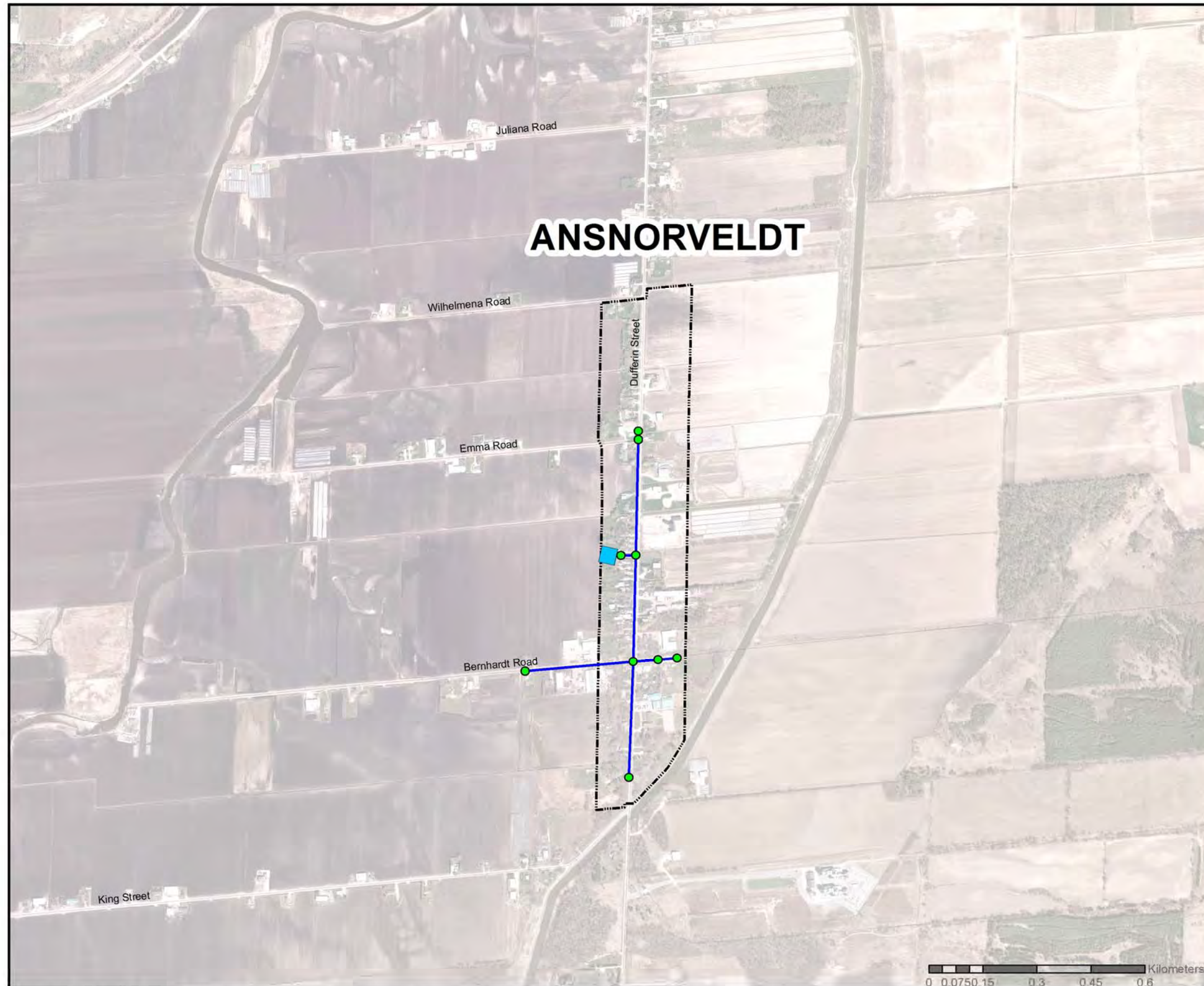
Date:	Figure No.:
<b>JULY 2015</b>	<b>8B</b>

Figure Title:  
**Schomberg Wastewater System  
 Full Buildout 365 LPCD**

**Township of King Water Wastewater  
 and SWM Master Plan**

The Municipal Infrastructure Group Ltd.





**Legend**

**Pressure**

- less than 275 kPa (40 psi)
- greater than 275 kPa (40 psi)

**Well Location**

- Active

**Watermain**

- Existing

**Planning Status**

- Community Boundary

Date:	Figure No.:
<b>JULY 2015</b>	<b>9A</b>
Figure Title:	
<b>Ansnorveldt Water System Peak Hour Scenario</b>	
<b>Township of King Water, Wastewater and SWM Master Plan</b>	

## Alternative 1 - Do Nothing

- Proceed with Community Plan projections, without any material changes to the Township's existing water distribution and wastewater collection infrastructure.

## Alternative 2 – Limit Community Growth

- Limit growth within each of the individual communities to that which can be supported by the existing water and wastewater infrastructure.

## Alternative 3 – Water Conservation (Water & Wastewater)

- Provide for mandated growth solely by reducing water consumption and wastewater generation Township-wide..

## Alternative 4 – Expand & Enhance Existing Water and Wastewater Infrastructure

- Provide for mandated growth through a combination of enhancements of the existing system or extension of the existing system into new growth areas.

## TECHNICAL MERIT

- **Functionality** – Ability to meet demands and integrate with existing infrastructure
- **Constructability** – Ease of construction, length of routes, construction methods and crossings

## NATURAL

- **Impact on Natural Environment**
  - Need for Greenbelt/ORM crossings or on-Greenbelt/on-ORM construction
  - Impact on terrestrial and aquatic environments

## SOCIO-ECONOMIC

- **Cultural Environmental Impact** – Cultural heritage impact & disruption to surrounding area
- **Transportation Impact** – Impact on traffic patterns, road closures/detours, public transit disruption
- **Residential and Business Impact**
  - Proximity of work to residences, businesses & institutions, public safety and perception
  - Odour & air quality

## FINANCIAL

- 25-Year Capital Cost

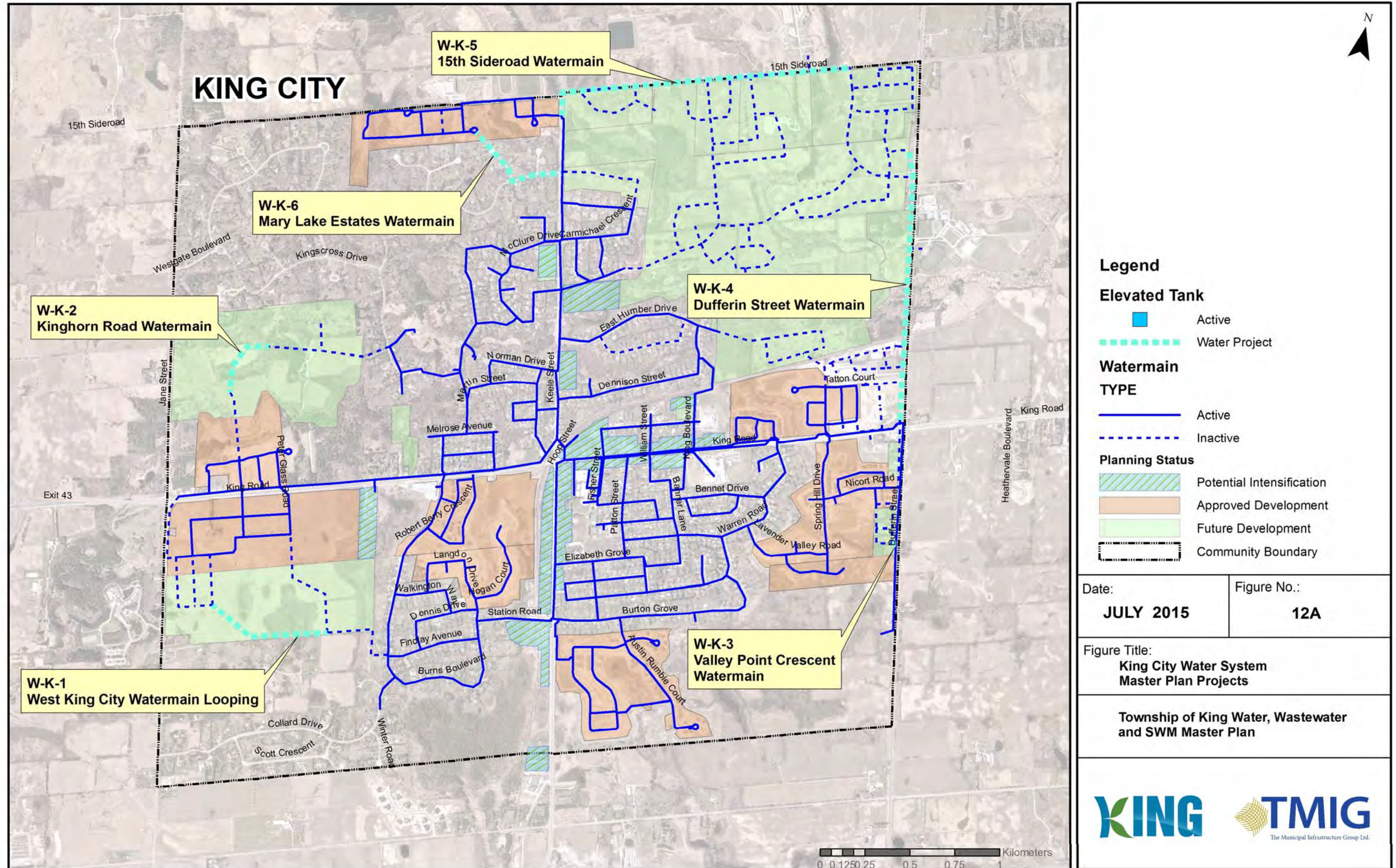
Evaluation Criteria	Alternative 1 Do Nothing	Alternative 2 Limit Community Growth	Alternative 3 Water Conservation	Alternative 4 Expand & Enhance Existing Municipal Systems
<b>Technical Merit</b>	This would result in the desired level-of-service not being provided	Does not permit the Township to achieve the Regional growth targets.	This would maximise the use of the existing built capacity, but does not provide for servicing of greenfield development.	Completely addresses the growth envisioned in the Community Plans through intensification and expansions to urban boundaries.
<b>Natural</b>	No impact, but does not offer improvements to existing conditions.	No impact, but does not offer improvements to existing conditions.	No impact, and offers improvements to existing conditions.	Some impact as a result of construction works including creek crossings. Most construction will occur in road right-of-ways and the use of trenchless technologies will largely mitigate concerns. Offers valuable improvements to existing conditions.
<b>Socio-Economic</b>	Could result in basement flooding associated with surcharged sanitary sewers. Minimum pressure requirements or fire flow availability might not meet the desired level-of-service	This option does not meet the growth and density objectives of the Township's Community Plans.	Socially, it can be difficult to force residents/businesses to conserve to the degree required to ensure success. Cannot guarantee long-term compliance. Greenfield development not serviced.	Modest impacts during construction, most of which will occur in outlying areas. Completely satisfies the Township's growth objectives.
<b>Financial</b>	No impact.	Minor financial investment required to address existing capacity constraints.	Modest financial investment required. If not successful, would require additional investment in implementing another solution.	Reasonable financial investment required.
<b>OVERALL</b>	<b>Cannot satisfy Township's Servicing Policies.</b>	<b>Cannot satisfy Provincially-mandated growth targets.</b>	<b>Cannot satisfy Provincially-mandated growth targets.</b>	<b>Optimal balance of benefits and impacts across all evaluation criteria while fully satisfying The Township's growth objectives.</b>

The recommended Preferred Alternative is to **Expand and Enhance Existing Municipal Systems**, meaning that the existing networks will be extended to service new development, and that existing pipes will be enlarged – where required – to accommodate the water demands and wastewater flows associated with this planned growth.

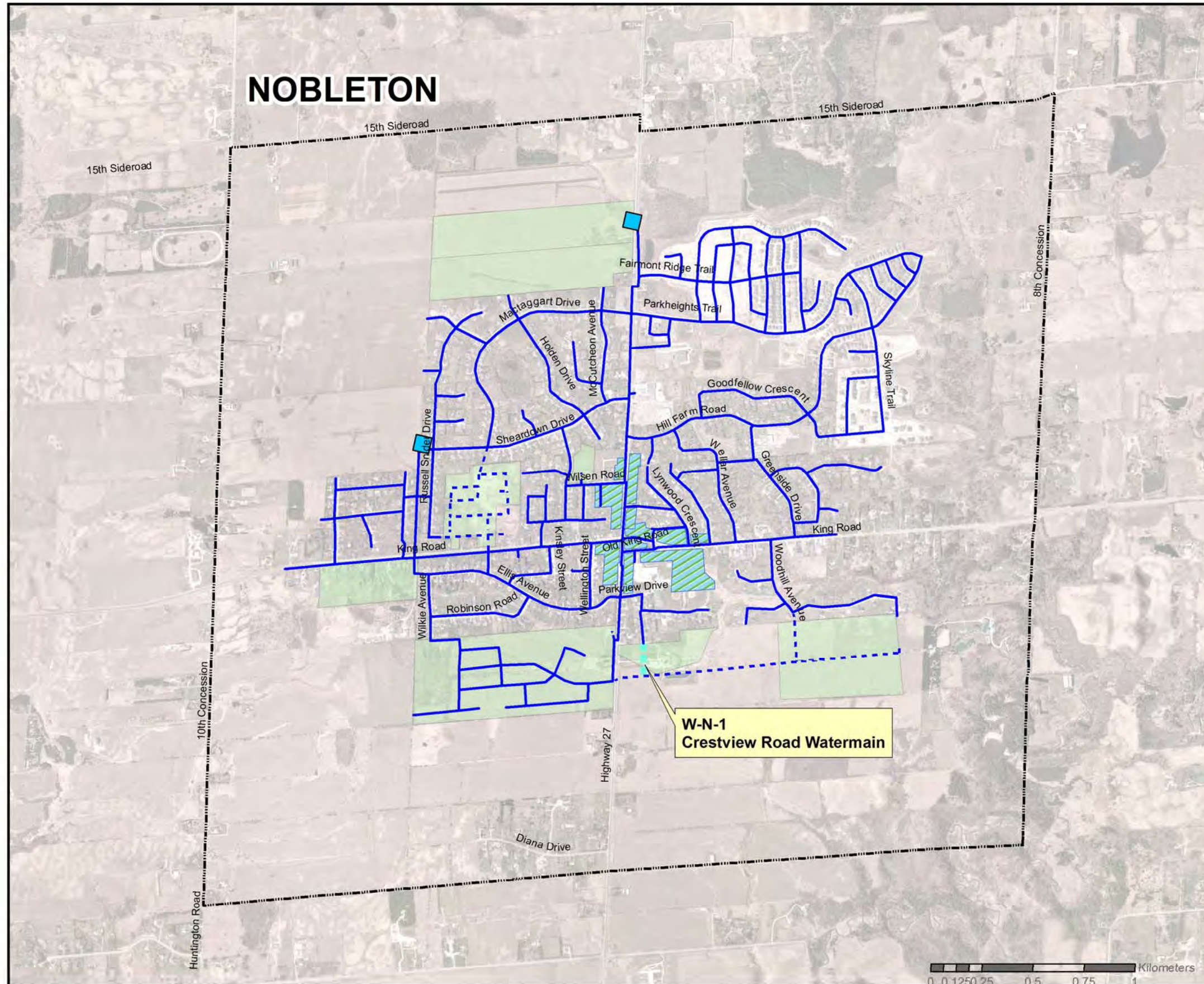
While **Water Conservation** is not a “complete” solution, the Township will continue to promote conservation. This could result in some of the recommended infrastructure projects being deferred.

This will make the best use of existing infrastructure, provide opportunities to coordinate with other projects, and save money.









**Legend**

**Elevated Tank**

Active

**Watermain**

Existing

Planned

Water Project

**Planning Status**

Potential Intensification

Future Development

Community Boundary

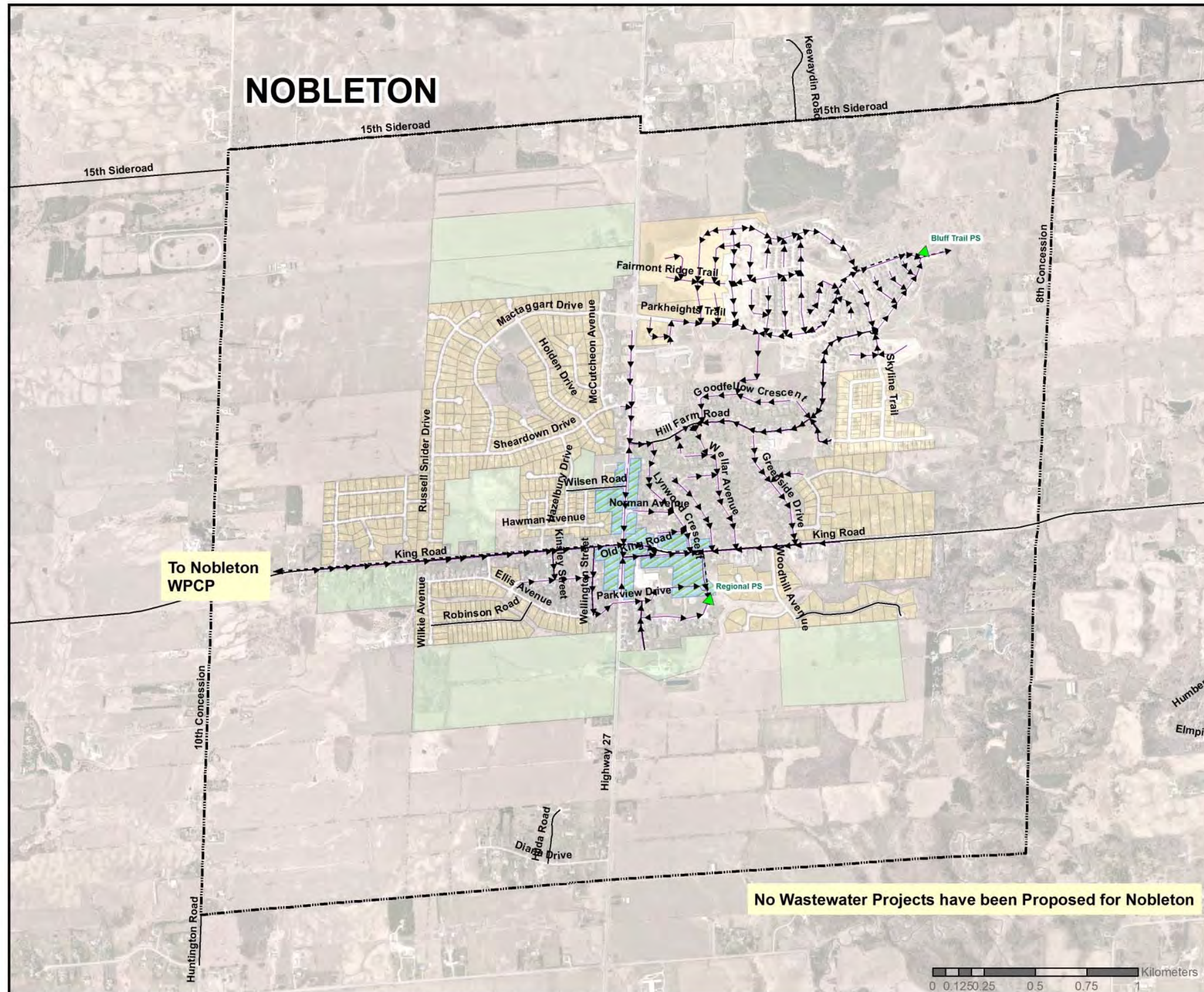
Date:  
**JULY 2015**

Figure No.:  
**13A**

Figure Title:  
**Nobleton Water System  
Master Plan Projects**

**Township of King Water, Wastewater  
and SWM Master Plan**





**Legend**

- ▲ Existing SPS
- Existing Forcemain

**Existing Sewer**

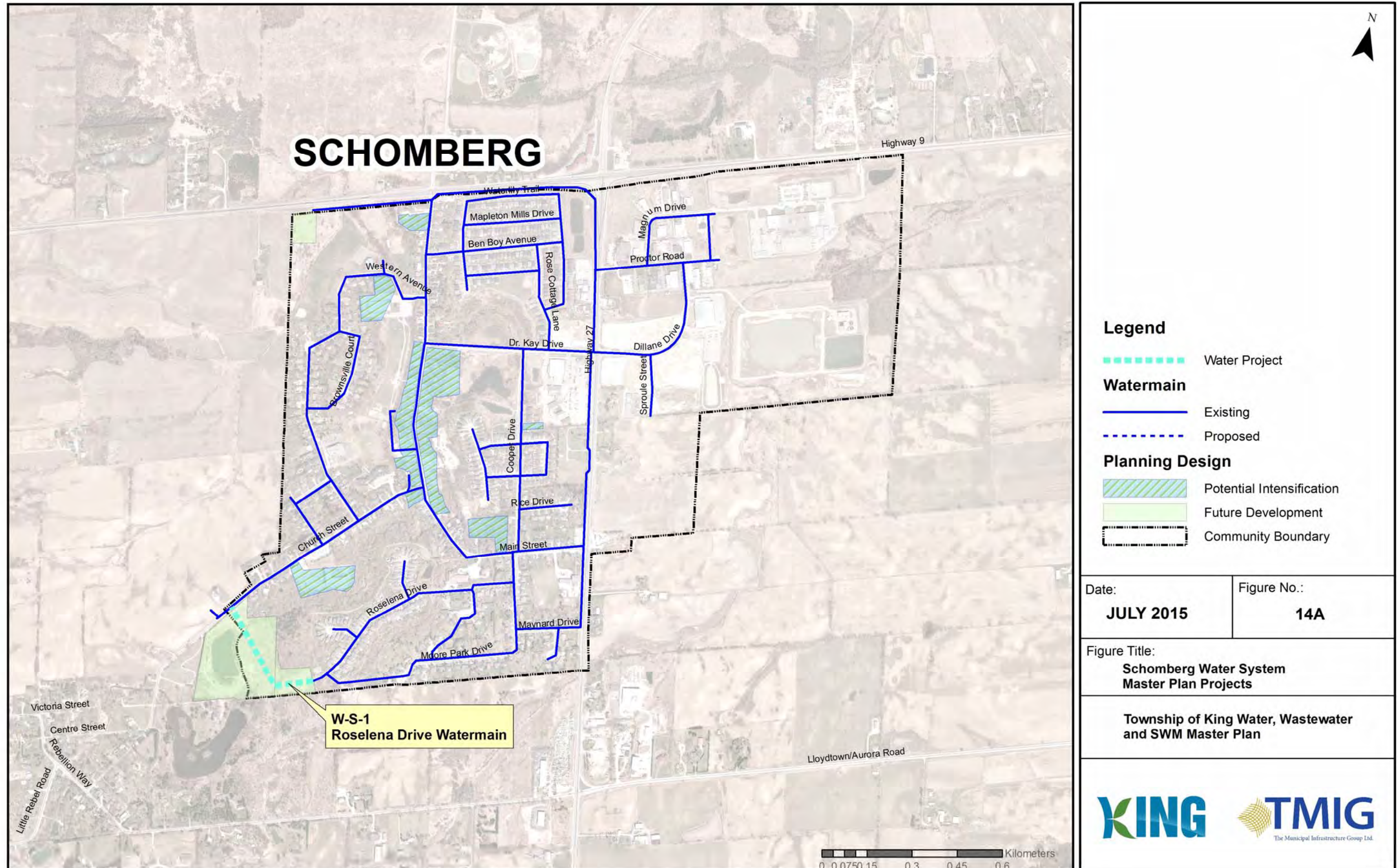
- <80% Capacity

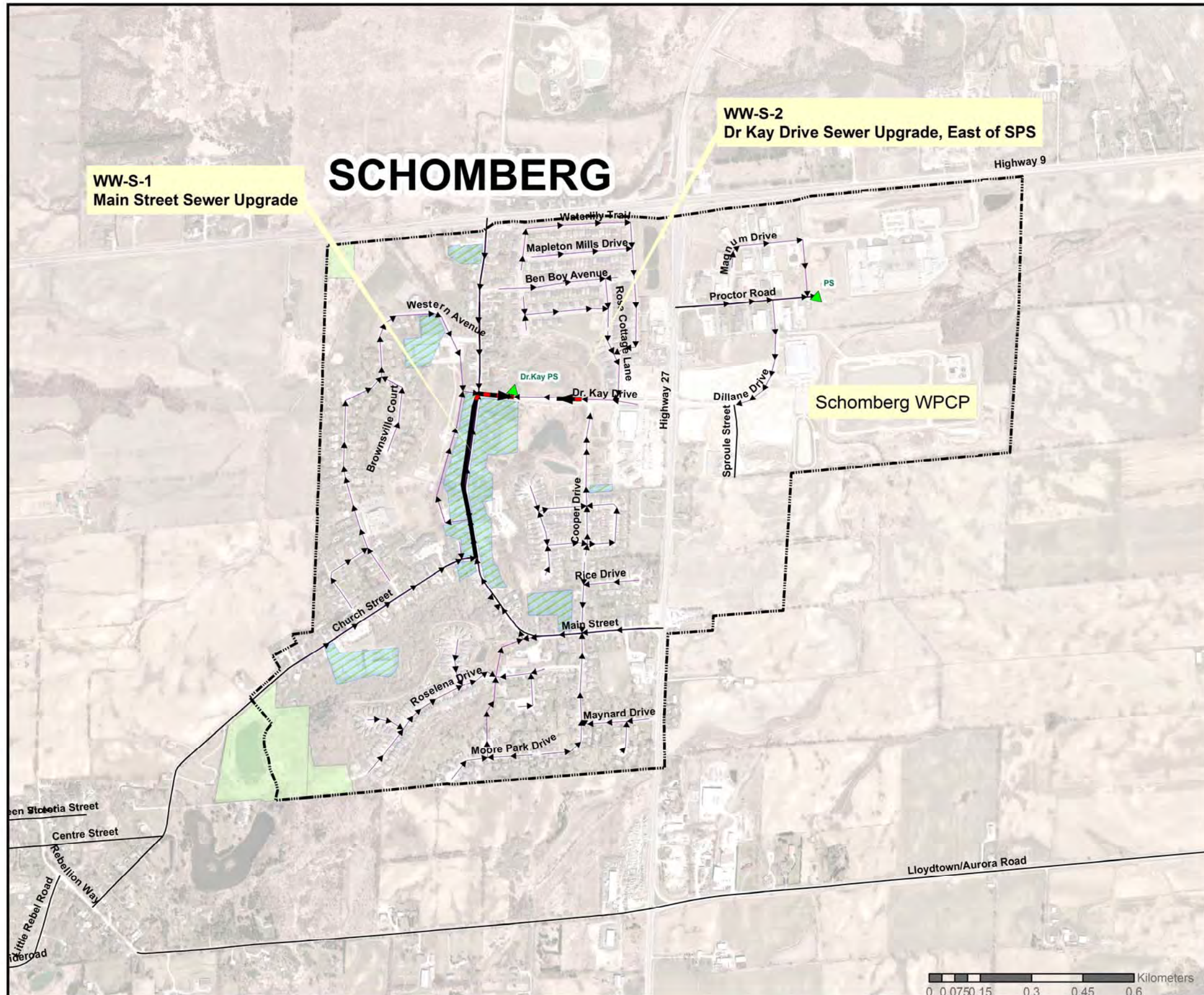
**Planning Status**

- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

Date: <b>JULY 2015</b>	Figure No.: <b>13B</b>
Figure Title: <b>Nobleton Wastewater System Master Plan Projects</b>	
<b>Township of King Water Wastewater and SWM Master Plan</b>	

**KING** **TMIG**  
The Municipal Infrastructure Group Ltd.





**Legend**

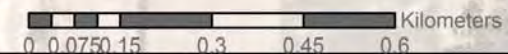
- Existing SPS
- Existing Forcemain
- Future Upgrades
- Existing Sewer**
- < 80% Capacity
- Planning Status**
- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

Date:  
**JULY 2015**

Figure No.:  
**14B**

Figure Title:  
**Schomberg Wastewater System Master Plan Projects**

**Township of King Water Wastewater and SWM Master Plan**



## Water Projects

ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
W-K-1	West King City Watermain Looping	Providing sufficient fire flows at the minimum required pressure to support development of the employment lands.	Exempt <sup>(1)</sup>	N/A
W-K-2	Kinghorn Road Watermain	Dead end water networks within developments west of Manitou Dr. and northeast of Jane St. and King Rd.	A+	\$125,000
W-K-3	Valley Point Crescent Watermain	Dead end water network at Valley Point Cres.	Exempt <sup>(1)</sup>	N/A
W-K-4	Dufferin Street Watermain	Servicing of future development in northeast King City and Country Day School	A+	\$1,200,000
W-K-5	15 <sup>th</sup> Sideroad Watermain	Servicing of future development in northeast King City and Seneca College	A+	\$1,300,000
W-K-6	Mary Lake Estates Watermain	Security of supply to approved development.	Exempt <sup>(1)</sup>	N/A
W-N-1	Crestview Road Watermain	Dead end water network at Crestview Rd.	Exempt <sup>(1)</sup>	N/A
W-S-1	Roselena Drive Watermain Extension	Strengthen watermain looping from Church Street.	Exempt <sup>(1)</sup>	N/A

Note:

1. Private Sector development; will proceed under the Planning Act.

## Wastewater Projects

ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
WW-K-1	King Road and Keele Street Sewer Upgrade	Development of northeast King City, and lands along 15 <sup>th</sup> Side Road (including Seneca College and Country Day School)	A+	\$1,100,000
WW-K-2	Northeast Pumping Station and Forcemain	Development of northeast King City, (including Country Day School)	Exempt <sup>(1)</sup>	N/A
WW-K-3	Keele Street Sewer	New gravity sewers are required to service lands along 15 <sup>th</sup> Side Road (including Seneca College)	A+	\$1,100,000
WW-K-4	Jane Street Sewer (North)	Potential future servicing of the currently-developed lands in northwest King City	B <sup>(2)</sup>	\$1,400,000
WW-K-5	Jane Street Sewer (South)	Potential future servicing of the currently-developed lands in southwest King City	B <sup>(2)</sup>	\$1,400,000
WW-S-1	Main Street Sewer Upgrade	Currently undersized, based on the Township's Design Criteria.	A+	\$1,000,000
WW-S-2	Dr. Kay Drive Sewer Upgrade East of Dr. Kay Sewage Pumping Station	Currently undersized, based on the Township's Design Criteria.	A+	\$150,000

Note:

1. Private Sector development; will proceed under the Planning Act.

2. As there is no current plan to service these already-developed lands, a separate Class EA should be undertaken if servicing is determined to be required. This Master Plan establishes the ultimate servicing strategy for this existing neighbourhood, based on the existing development density. The design capacity of the Kingsview Sewage Pumping Station is not limiting.





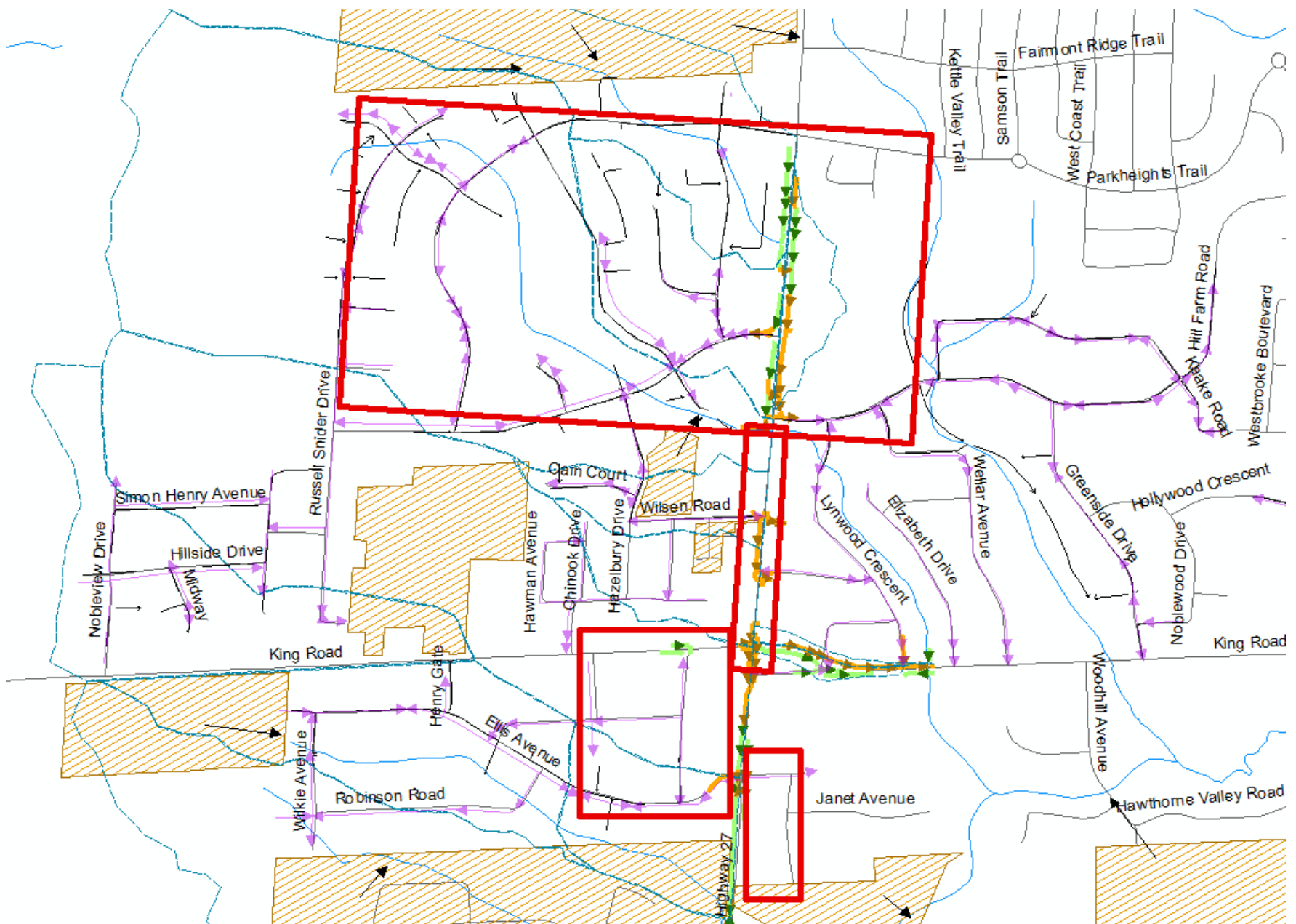
## Issues Identified:

(1) The storm sewer along Hill Farm Road between Highway 27 and Lynwood Crescent appears undersized

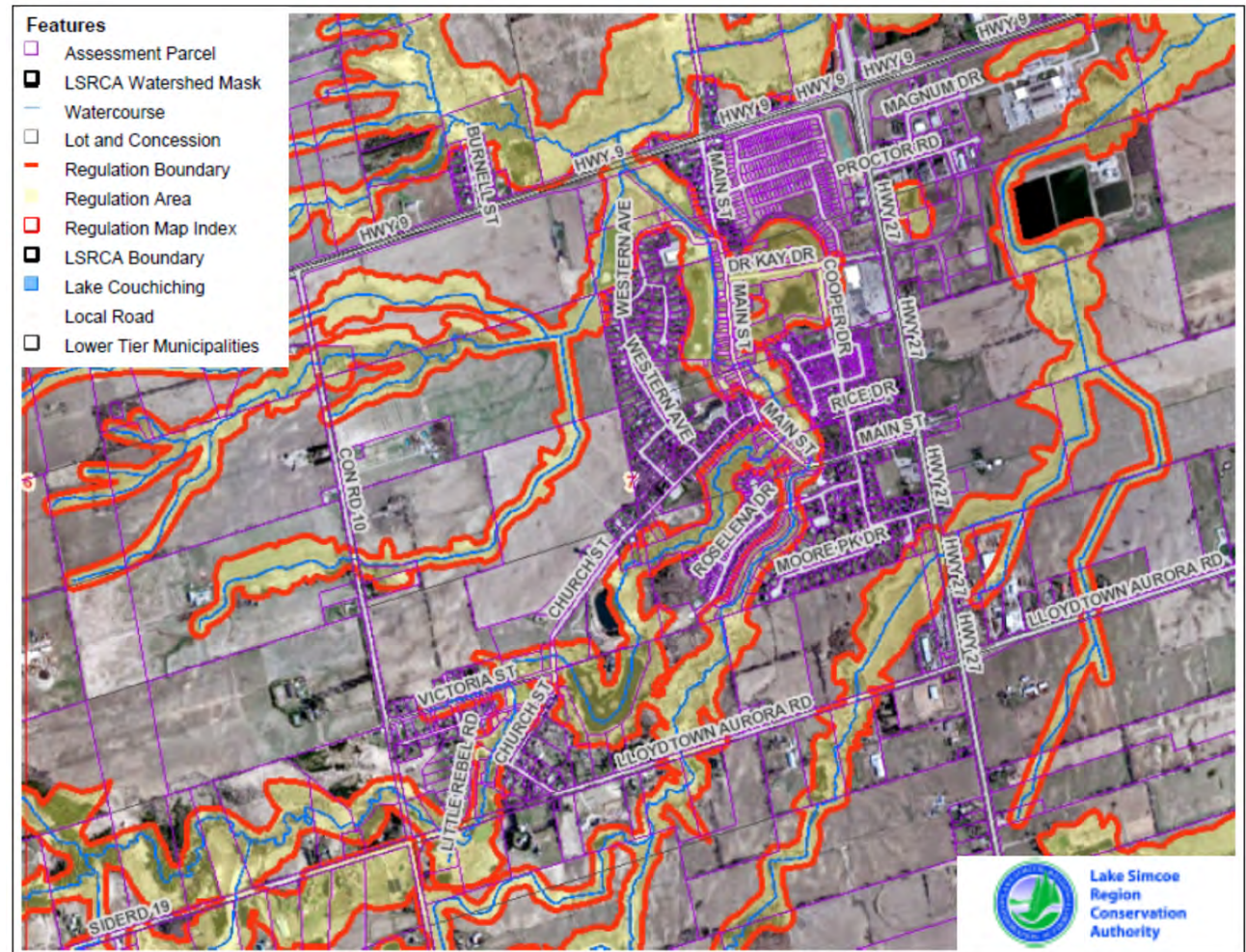
(2) Discontinuous drainage systems along Highway 27 between Hill Farm Road and King Road

(3) Storm runoff is conveyed through private property south of King Road, west of Highway 27

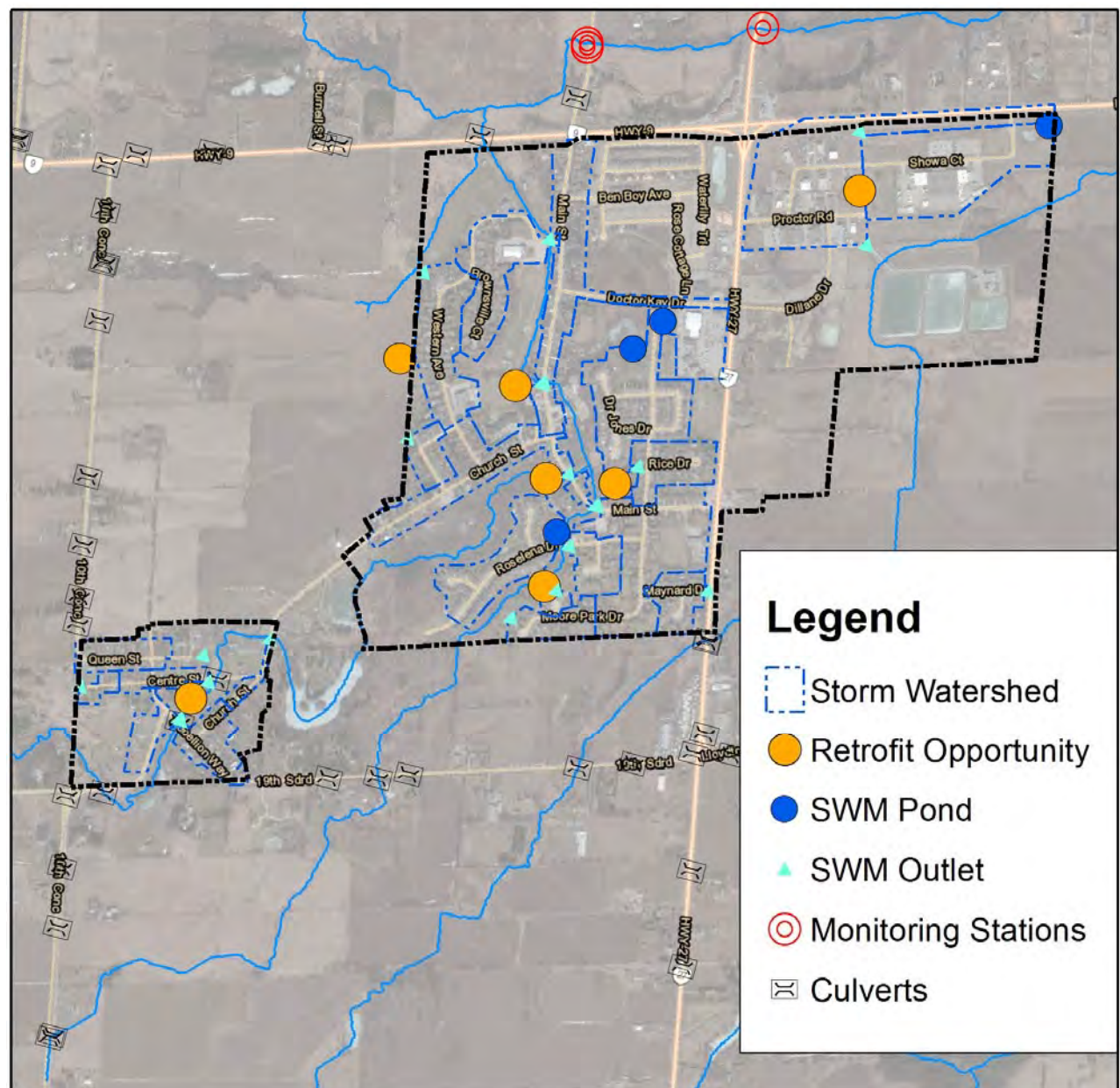
(4) Non-standard drainage system through rear yards east of Highway 27, south of Parkview Avenue



Intensification is limited in Schomberg due to Regional Storm floodplain constraints



Only 24% of the total Schomberg area is controlled through stormwater management facilities. Potential retrofit locations were identified to improve the existing conditions.



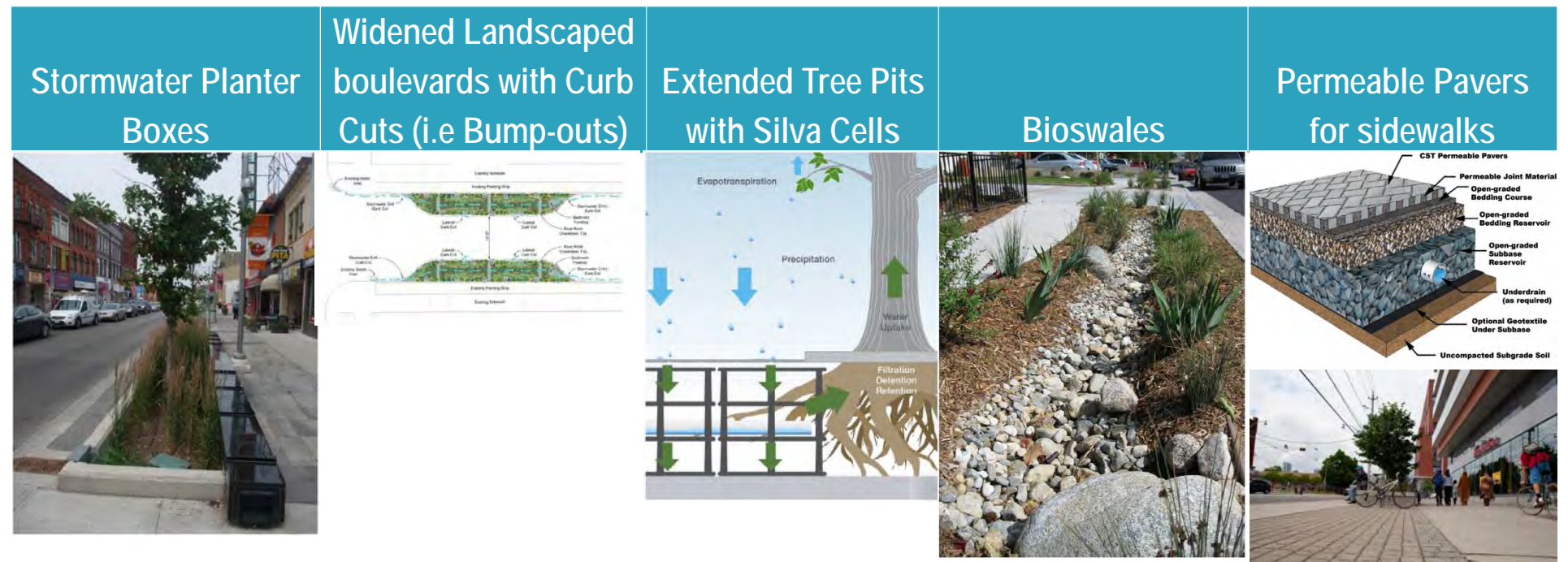
Criteria	TRCA Criteria (King City and Nobleton)	LSRCA Criteria (Schomberg)
Erosion Control	<ul style="list-style-type: none"> <li>On-site retention of minimum 5mm</li> <li>Extended detention of 25mm event for a period of 48 hours (depending on erosion assessment)</li> </ul>	<ul style="list-style-type: none"> <li>Not required for sites under 2 ha</li> <li>Extended detention of 25mm event for a period of 24 hours</li> </ul>
Quality Control	<ul style="list-style-type: none"> <li>Minimum 80% TSS removal</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 80% TSS removal</li> <li>Phosphorus Loading Study – Best efforts to achieve no additional increase in post development loading</li> </ul>
Quantity Control	<ul style="list-style-type: none"> <li>Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm</li> <li>Unit flow relationships have been established by TRCA</li> <li>Regional Storm control may be required for certain areas</li> <li>Capacity of downstream storm conveyance systems should be considered</li> </ul>	<ul style="list-style-type: none"> <li>Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm</li> <li>Regional Storm control may be required for certain areas</li> <li>Capacity of downstream storm conveyance systems should be considered</li> </ul>
Water Balance	<ul style="list-style-type: none"> <li>For most sites, maintain pre-development groundwater recharge rates</li> <li>Criteria differ depending on site characteristics</li> </ul>	<ul style="list-style-type: none"> <li>Best efforts to maintain pre-development groundwater recharge rates.</li> </ul>

## Low Impact Development (LID):

Low Impact development (LID) is a stormwater management strategy that can decrease the impacts of increased rainwater on the streets and into the streams as well as decrease stormwater pollution by managing the rainwater as close to its source as possible. These practices can effectively remove nutrients, pathogens and metals from runoff, and reduce the amount of stormwater flows.

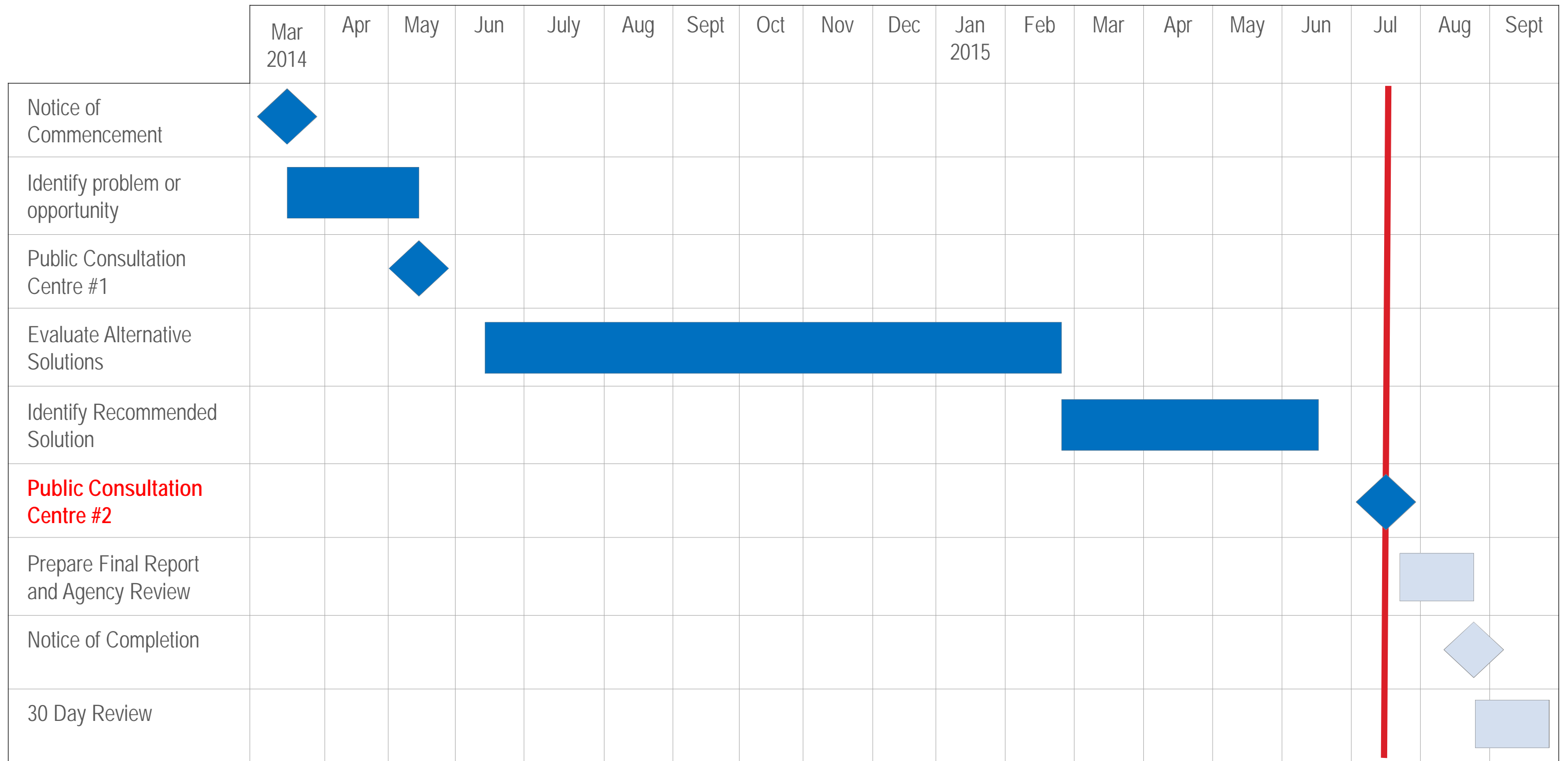
## Suggested LID Implementation:

- Street vitalization projects along right of ways and sidewalks
- In conjunction with small or large section of planned road work



Potential LID Implementation Location		Potential LID's				
		Stormwater Planter Boxes	Widened Landscaped boulevards with Curb Cuts (i.e Bump-outs)	Extended Tree Pits with Silva Cells	Bioswales	Permeable Pavers for sidewalks
King City	King Road, east of Keele Street	X		X		X
	Keele Street, south of King Road	X		X	X	X
Nobleton	Highway 27, north and south of King Road	X		X		X
	King Road, east of Highway 27;	X		X		X
Schomberg	Main Street;	X	X	X		X

- Comments from this Public Information Centre will be considered along with those received from review agencies. Please provide your comments on a comment sheet and place it in the Comment Box, or send it to us by July 31st 2015.
- The Project Team will Review the feedback and respond to any comments received, document the studies and finalize the Master Plans.
- The Master Plans will be prepared and filed for 30 calendar days for agency and public review.
- Review agencies and the public will be notified of the completion of the studies and locations where the Master Plans can be reviewed.
- Schedule A, Schedule A+ and Schedule B projects not requiring further study would move forward to implementation.
- Should you have any questions, please contact King Township or TMIG.



Legend: ◆ ■ Completed Milestone/Task      ◆ ■ Future Milestone/Task

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 15, 2015 - Schomberg

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	Kevin Brown	TMIG	8800 Dufferin St. Vaughan, ON	905-738-5700 x247 KBrown@TMIG.ca
4				
5				
6				
7				
8				
9				
10				



# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 15, 2015 - Schomberg

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
11	[REDACTED]	OWNETZ	[REDACTED]	[REDACTED]
12				
13				
14				
15				
16				
17				
18				
19				
20				



1/2

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 16, 2015 – King City

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	[REDACTED]	[REDACTED]		
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5				
6				
7				
8				
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42

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 16, 2015 – King City

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
21	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
22				
23				
24				
25				
26				
27				
28				
29				
30				

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 21, 2015 – Nobleton

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
11	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12	[REDACTED]		[REDACTED]	[REDACTED]
13	[REDACTED]		[REDACTED]	[REDACTED]
14	[REDACTED]	<i>owner</i>	[REDACTED]	[REDACTED]
15				
16				
17				
18				
19				
20				

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 21, 2015 – Nobleton

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	KEVIN BROWN	TMIG	9800 Dufferin St. Vaughan, ON.	905-738-5700 KBrown@TMIG.ca
2				
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## NOTICE OF PUBLIC CONSULTATION CENTRE # 2

### KING TOWNSHIP WATER/WASTEWATER AND STORMWATER MASTER PLANS



#### INTRODUCTION – *What are these Master Plans all about?*

The Township of King has initiated a review and analysis of water, wastewater, and stormwater services in King City, Nobleton and Schomberg which will result in Water/Wastewater and Stormwater Master Plans to support projected growth scenarios outlined in the Growth Plans in place for each community (King City, Nobleton, Schomberg), and to ensure systems are adequate for the existing communities.

These studies will support the Township's Official Plan and the individual Community Plans. The studies will consider all lands designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).

#### PUBLIC CONSULTATION CENTRE DETAILS – *We want to hear from you!*

Public consultation is a key component of the Master Plan process. The initial PCC was held in May 2014 to present the Study Background and Objectives. We would like to invite you, your friends, and your neighbours to participate in an upcoming Phase 2 Public Consultation Centre (PCC). At this Phase 2 PCC, you will learn about the preferred solutions for water, wastewater and stormwater management. You will have the opportunity to ask us questions, share your thoughts and opinions. Your input will help ensure there is adequate water, wastewater and stormwater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCC process is important to us.

This second round of PCCs has been scheduled for:

##### SCHOMBERG:

**Date:** Wednesday, July 15, 2015  
**Location:** Trisan Centre (Multi-Purpose Room)  
**Address:** 25 Dillane Drive, Schomberg

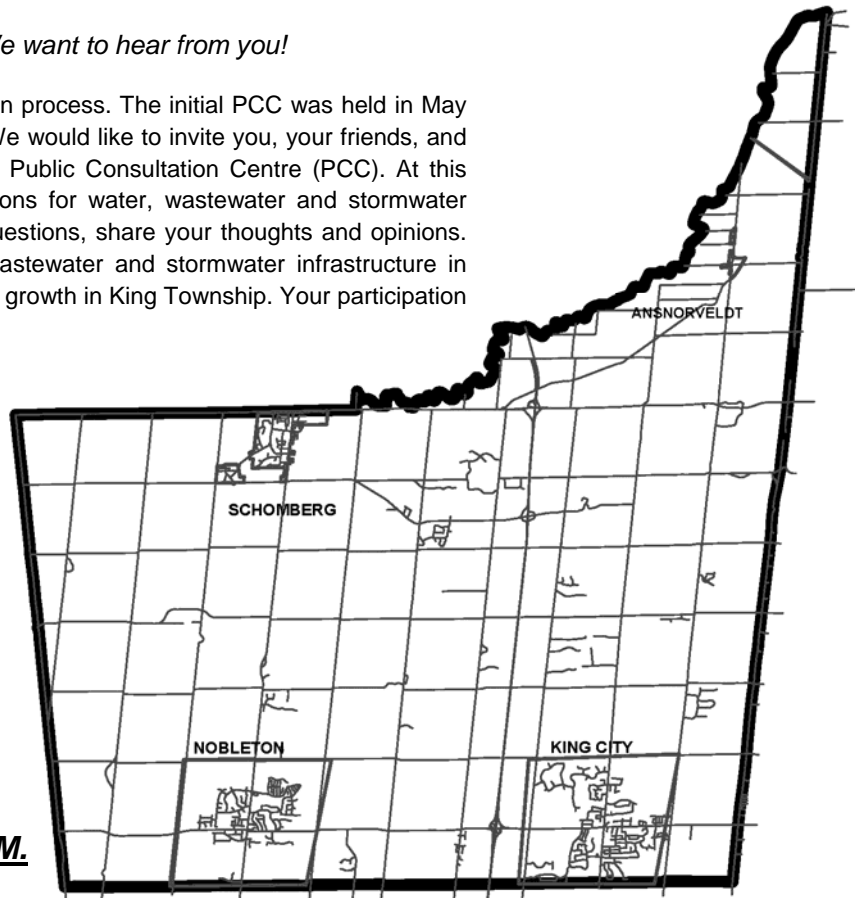
##### KING CITY:

**Date:** Thursday, July 16, 2015  
**Location:** King City Arena (Arena Hall)  
**Address:** 25 Doctors Lane, King City

##### NOBLETON:

**Date:** Tuesday, July 21, 2015  
**Location:** Nobleton Arena (Arena Hall)  
**Address:** 10 Old King Road, Nobleton

**Timing of all PCCs will be 6:30 to 8:30 PM.**



The PCC Format will consist of an Open House, with Township and Consultant Staff available to assist in the interpretation of the Presentation Materials and to answer any questions you might have.

The same information is being presented in each community, so you only need to attend one of these sessions.

Public comment obtained at the PCC will be incorporated into the final phase of the Study.

Following the PCC, the material presented at the meeting will be posted on the Township of King's website at <http://www.king.ca/WaterMasterPlans>. For further information, please contact:

- **PROJECT E-MAIL ADDRESS:** [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)
- **CONSULTANT PROJECT MANAGER:** Kevin Brown, P.Eng., The Municipal Infrastructure Group Ltd. (TMIG)  
8800 Dufferin Street, Suite 200, Vaughan, ON. L4K 0C5. Tel: (905) 738-5700, ext 247
- **KING TOWNSHIP PROJECT MANAGER:** John Vandenberg, C.Tech., EP. Engineering and Public Works  
2075 King Road, King City, ON. L7B 1A1. Tel: (905) 833-4059

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*

**WATER/WASTEWATER AND STORMWATER  
MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**PHASE 2 PUBLIC CONSULTATION CENTRES**

**SCHOMBERG**

Wed, July 15, 2015  
6:30 – 8:30 PM

Trisan Centre  
25 Dillane Drive

**KING CITY**

Thurs, July 16, 2015  
6:30 – 8:30 PM

King City Arena  
25 Doctors Lane

**NOBLETON**

Tues, July 21, 2015  
6:30 – 8:30 PM

Nobleton Arena  
10 Old King Road

**PROJECT CONTACTS:**

**Mr. John Vandenberg, C.Tech., EP**  
**King Township, Engineering and Public Works**  
2075 King Rd.  
King City, ON L7B 1A1  
Tel: (905) 833-4059  
Fax: (905) 833-2300  
Email: [jvandenberg@king.ca](mailto:jvandenberg@king.ca)

**Mr. Kevin Brown, P.Eng.**  
**Consultant Project Manager**  
**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700 Ext. 247  
Fax: (905) 738-0065  
Email: [kbrown@tmig.ca](mailto:kbrown@tmig.ca)

In association with:

**Urban Strategies Inc:** Urbanization Study  
**Savanta Inc:** Aquatic and Terrestrial Habitat Review  
**Swerhun Inc:** Communications Facilitation

**PROJECT INFORMATION:**

**Project Website:**

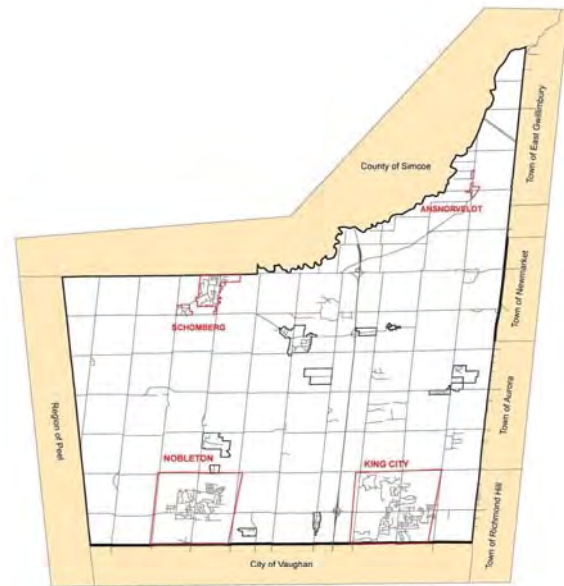
[www.king.ca/WaterMasterPlans](http://www.king.ca/WaterMasterPlans)

**Project E-Mail:**

[KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca)

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.



### Problem Statement / Study Background

Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

King Township has initiated Master Plan studies that will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands currently designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).





**Municipal Class Environmental Assessment**

King Township retained The Municipal Infrastructure Group Ltd. to complete this Study in accordance with the Municipal Class Environmental Assessment process. This Master Plan is considered a Schedule 'B' Project, encompassing Phases 1 and 2 of the Municipal Class EA process.

Milestone	Date
Notice of Commencement	March 6, 2014
Phase 1 PCC	May 13, 2014
Phase 2 PCC (Schomberg)	July 15, 2015
Phase 2 PCC (King City)	July 16, 2015
Phase 2 PCC (Nobleton)	July 21, 2015
Project File Report	August 14, 2015



**King Township Official Plan Review**



King is undertaking an Official Plan Review to:

- develop a new, overarching parent Official Plan, and
- complete Provincial plan conformity exercises to incorporate the Greenbelt Plan, the Growth Plan, the Lake Simcoe Protection Plan, and Source Protection Plans into the Township's official plan documents.

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.



**Urbanization Study (Undertaken Concurrent to this Master Plan)**

In conjunction with the Water/Wastewater and Stormwater Master Plans, TMIG and Urban Strategies Inc are concurrently undertaking an Urbanization Study.

This supplementary Study will identify the design criteria for elements within the existing rights-of-way to support anticipated development goals as defined by the Township.



**Transportation Master Plan**

The Township of King has also initiated a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

**York Region Water/Wastewater Master Plan Update (2015)**



The Region is starting the process of updating their Water and Wastewater Master Plan, which was last updated in 2009.

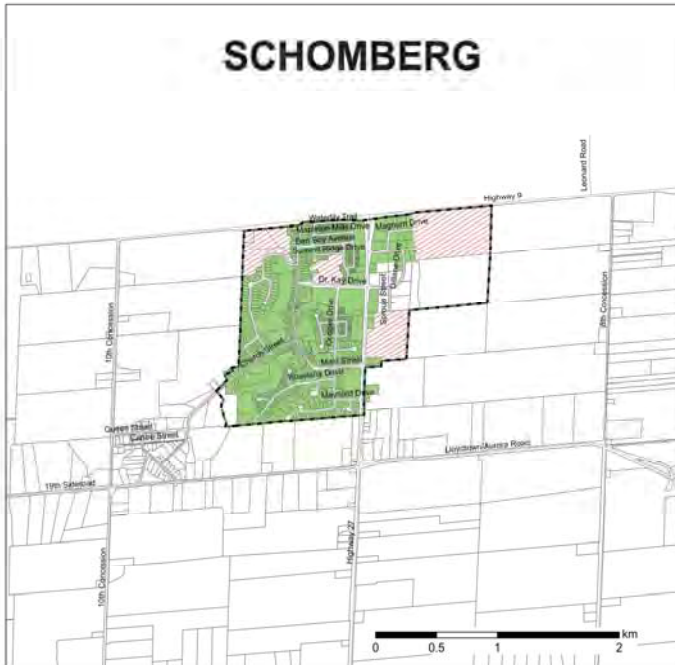
As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's treatment plants, it is important that the Township and the Region share a common understanding of how water demands and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.



The Province has identified that the Greater Golden Horseshoe is growing, and the Region of York has forecasted that the population in King Township is to increase from 21,000 to 34,500 by 2031.

The growth within King Township is predominantly directed to the three villages of King City, Nobleton and Schomberg.

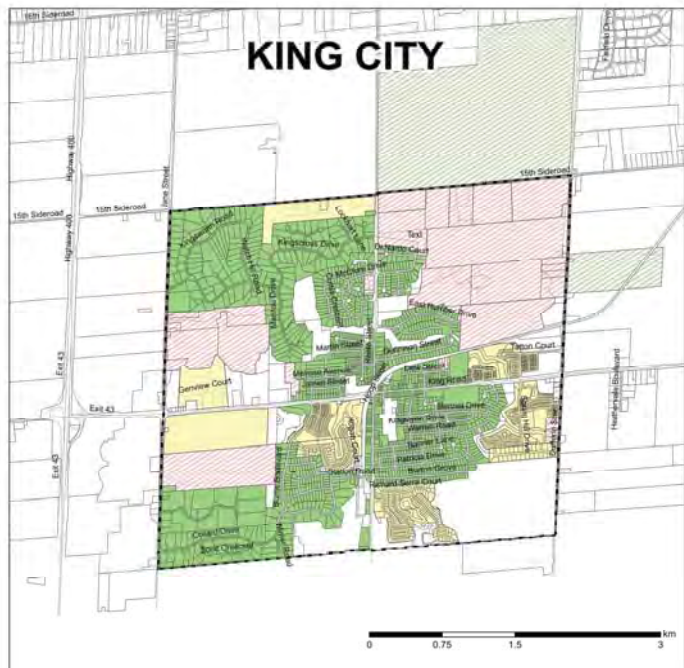
Growth will have two distinct 'forms': New greenfield development on lands previously designated in the local Community Plans, and Intensification of existing built-up areas to accommodate a greater population density to make better use of existing infrastructure.



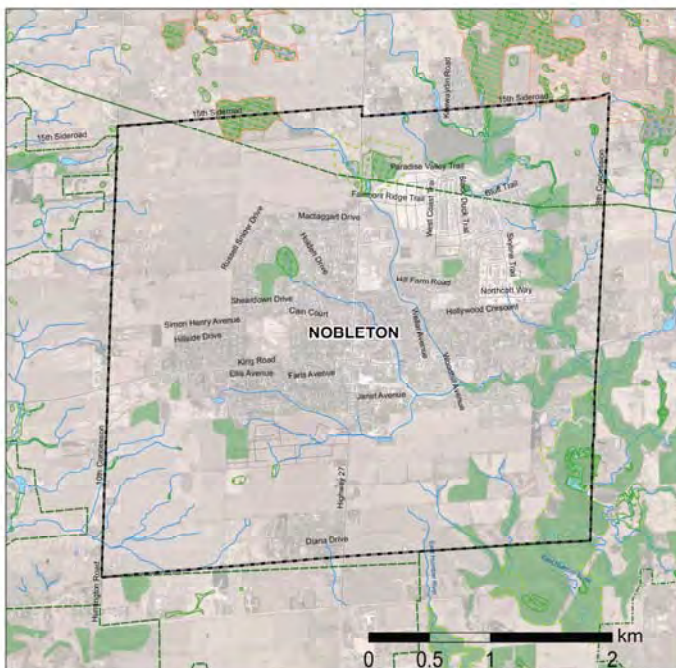
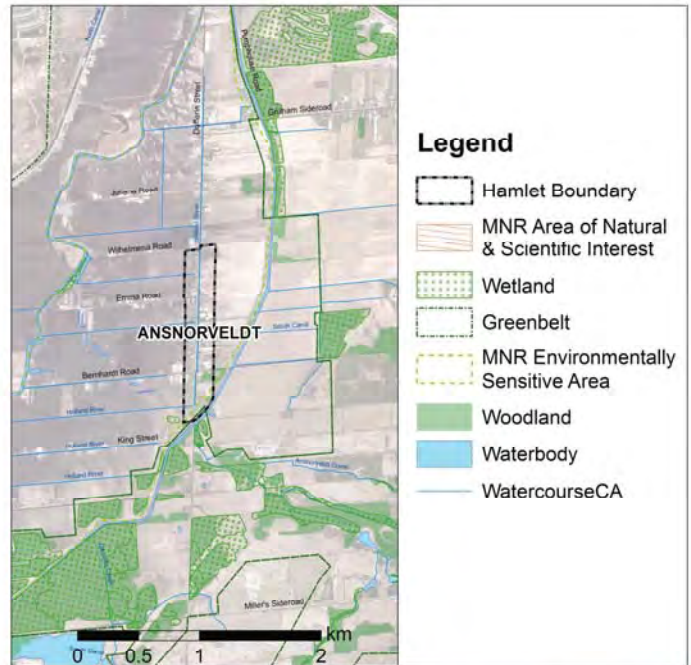
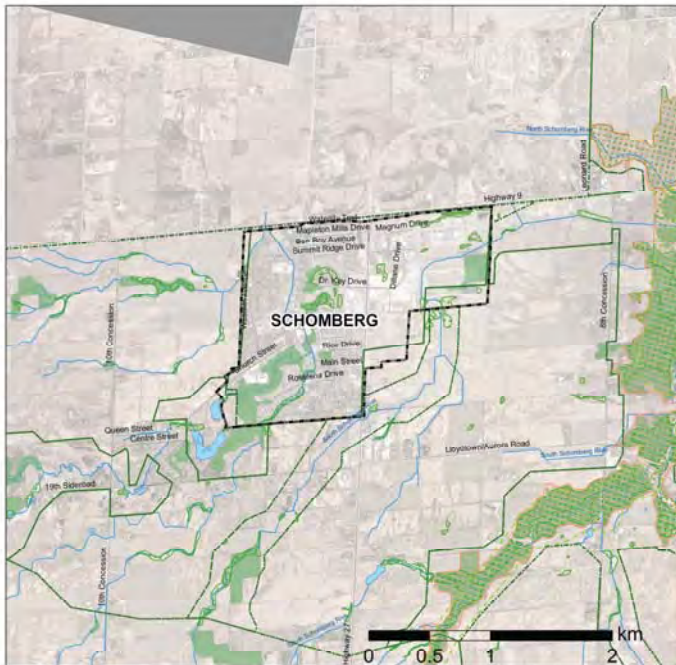
COMMUNITY	Existing Population (2013)	Planned Population (2031)
King City	5,800	11,500
Nobleton	4,000	8,500
Schomberg	2,650	3,200




**Legend**

- Parcel All
- Planning Status**
  - Existing
  - Designated External Service Area
  - Approved
  - Designated
- Community Boundary



These images identify the elements of the Natural Environment (Aquatic and Terrestrial Features) that should be considered when identifying the preferred water, wastewater and stormwater servicing solutions. Where the preferred servicing solutions could potentially adversely affect elements of the Natural Environment, mitigative measures will be identified as to minimise that potential adverse impact.

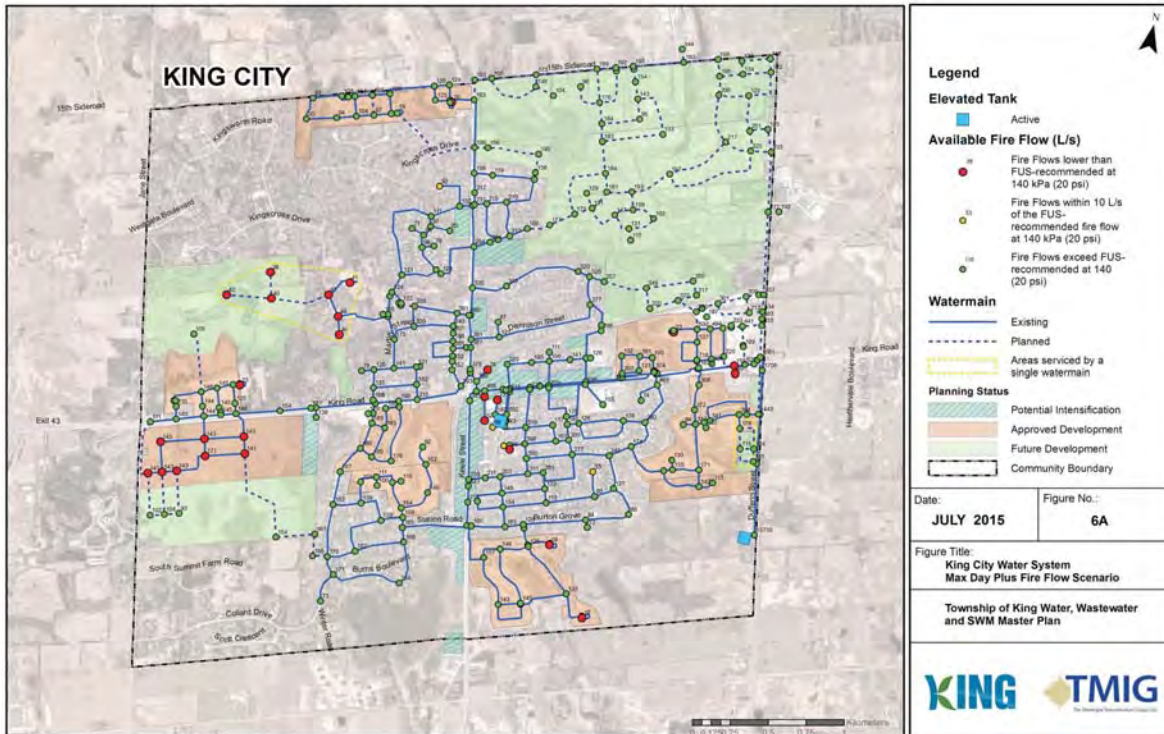


Criterion	Value	Note	Category	Structure Characteristics	Calculated Fire Flow	Example
Residential Average Day Demand	450 Lpcd	-				
Maximum Day Factor	King City: 2.00 Nobleton: 2.00 Schomberg: 2.25	From the MOE Design Guidelines, based on community population	Residential	260 m <sup>2</sup> (2,800 ft <sup>2</sup> ) 'Ordinary' Construction Limited Combustible Content Not Sprinklered	63 L/s	
Peak Hour Factor	King City: 3.00 Nobleton: 3.00 Schomberg: 3.38	From the MOE Design Guidelines, based on community population	Main Street Commercial	300 m <sup>2</sup> /storey (3,200 ft <sup>2</sup> ) Two Storeys (apartment above) 'Ordinary' construction Combustible Content NFPA 13 Sprinkler System	103 L/s	
Commercial / Industrial / Institutional	86 persons/ha	Equivalent residential population	Major Retail/Industrial	5,000 m <sup>2</sup> (55,000 ft <sup>2</sup> ) 'Non-Combustible' Construction Combustible Content NFPA 13 Sprinkler System	187 L/s	
Fire Flows	Per Fire Underwriters Survey	-				
System Pressures – Peak Hour	275 to 700 kPa	40 to 100 psi				
System Pressures – Maximum Day plus Fire	140 to 700 kPa	20 to 100 psi				

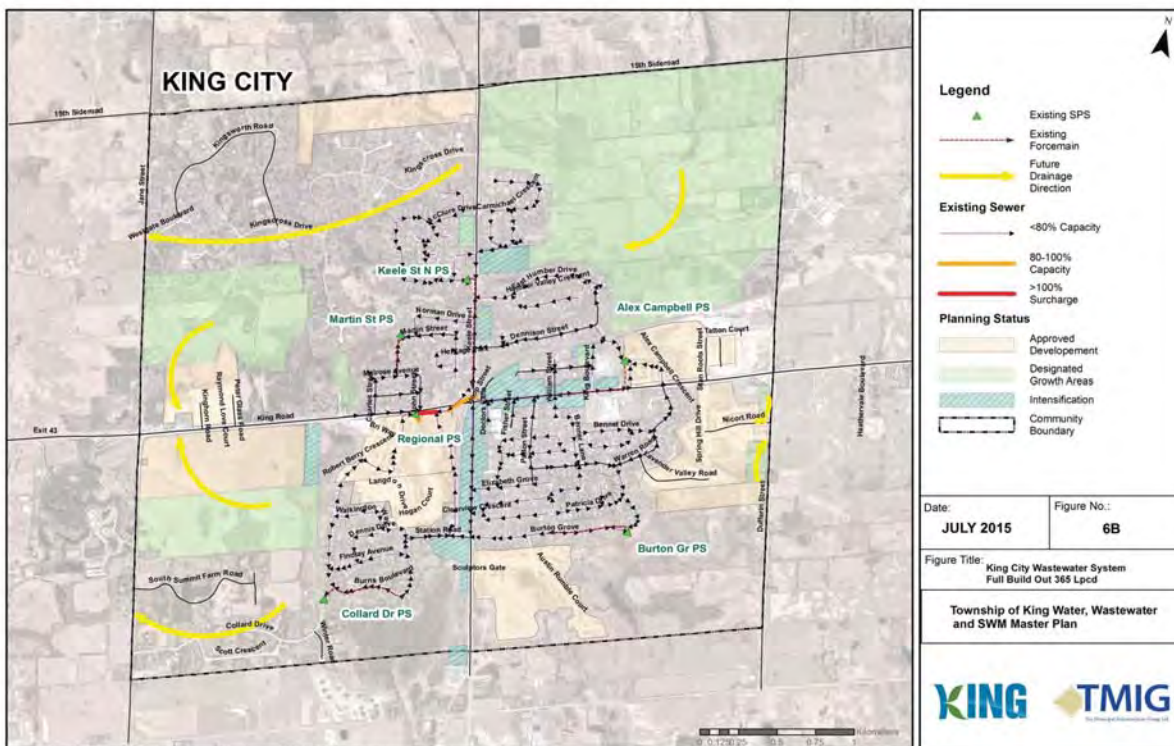
Criterion	Value	Note
Residential Average Day Flow	365 Lpcd <sup>(1)</sup>	
Infiltration Allowance	0.20 L/s/ha	Applies to Residential Lands only
Commercial Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking
Industrial Flows (Light)	35 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Industrial Flows (Heavy)	55 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Institutional Flows [includes infiltration and peaking]	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking

Notes:

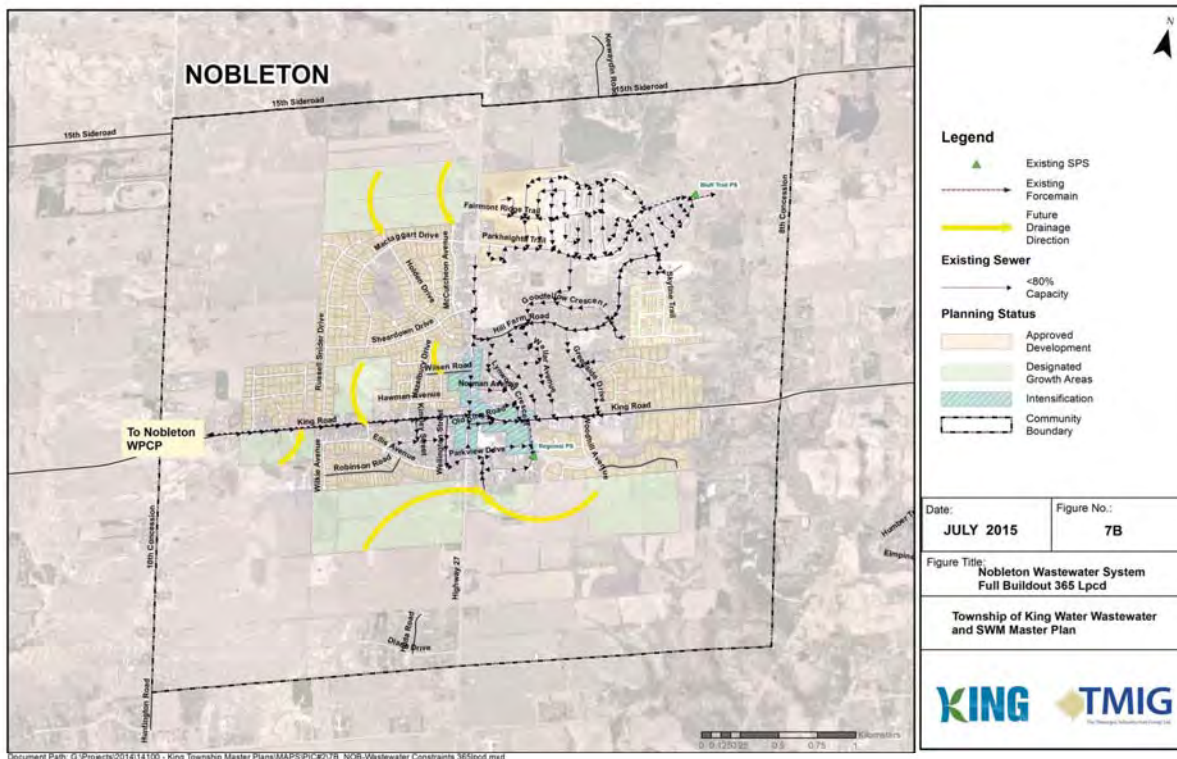
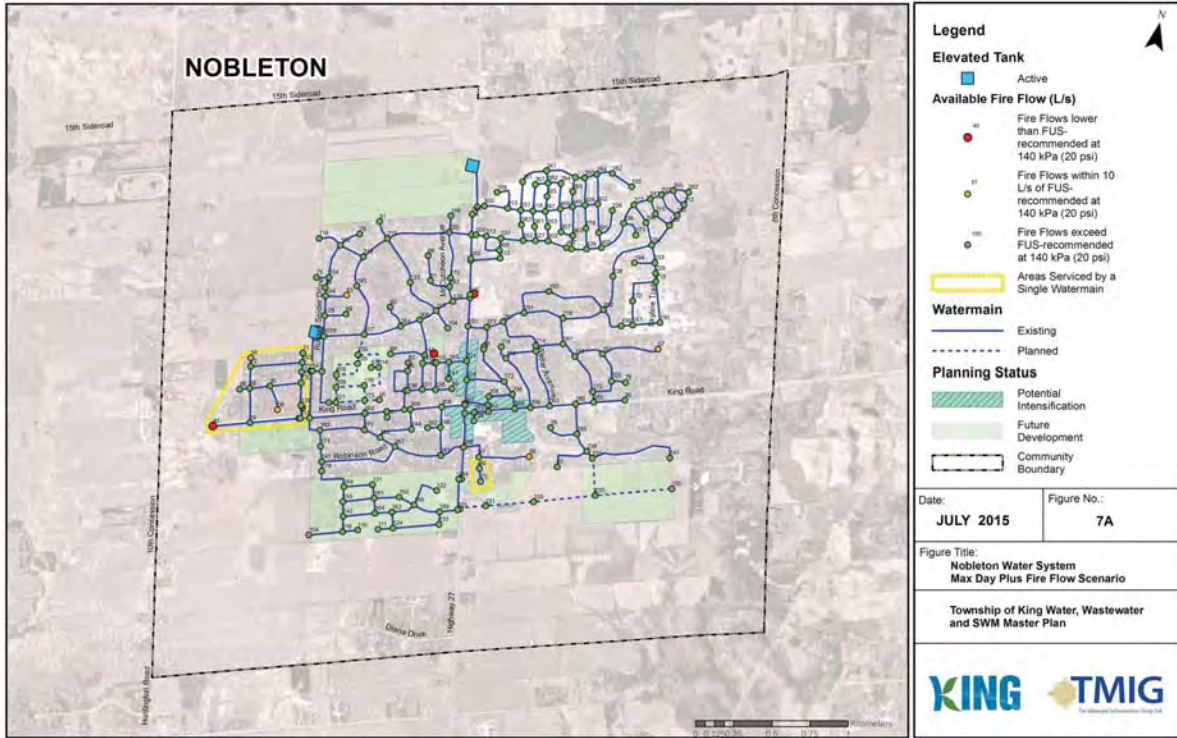
1. Current King Township Design Standards show 450Lpcd. This is in the process of being revised to 365 Lpcd, supported by actual wastewater generation data. The existing systems were designed based on 365 Lpcd.

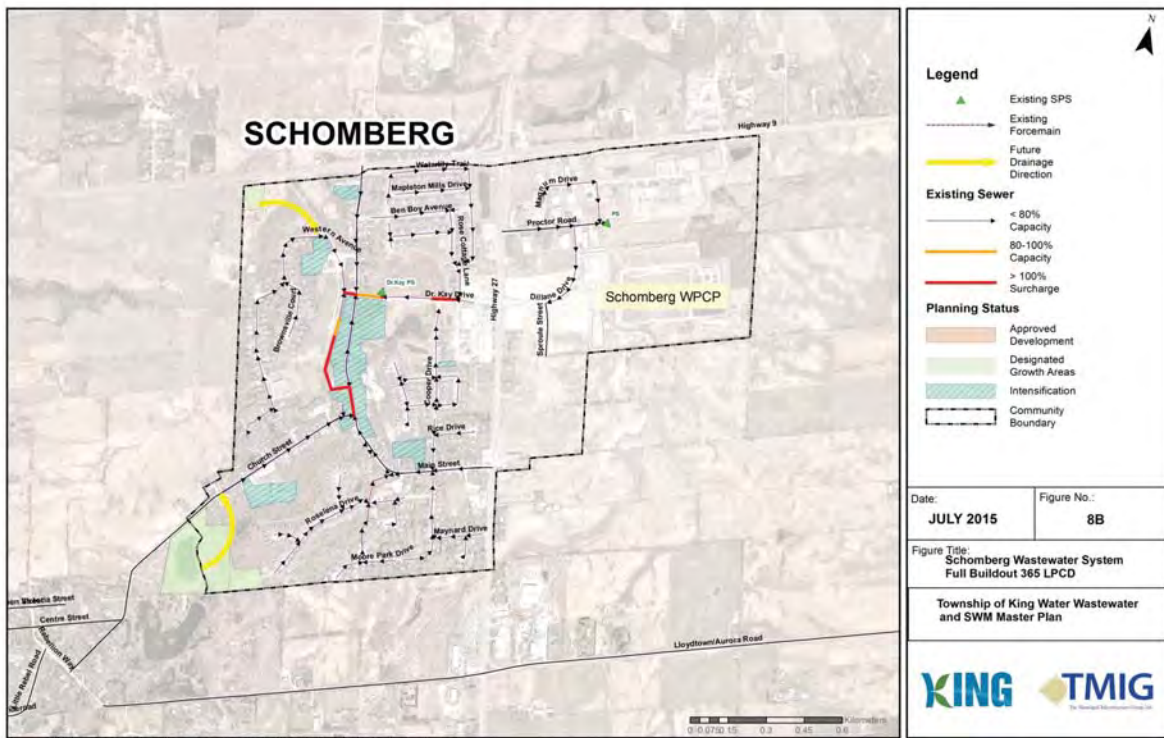
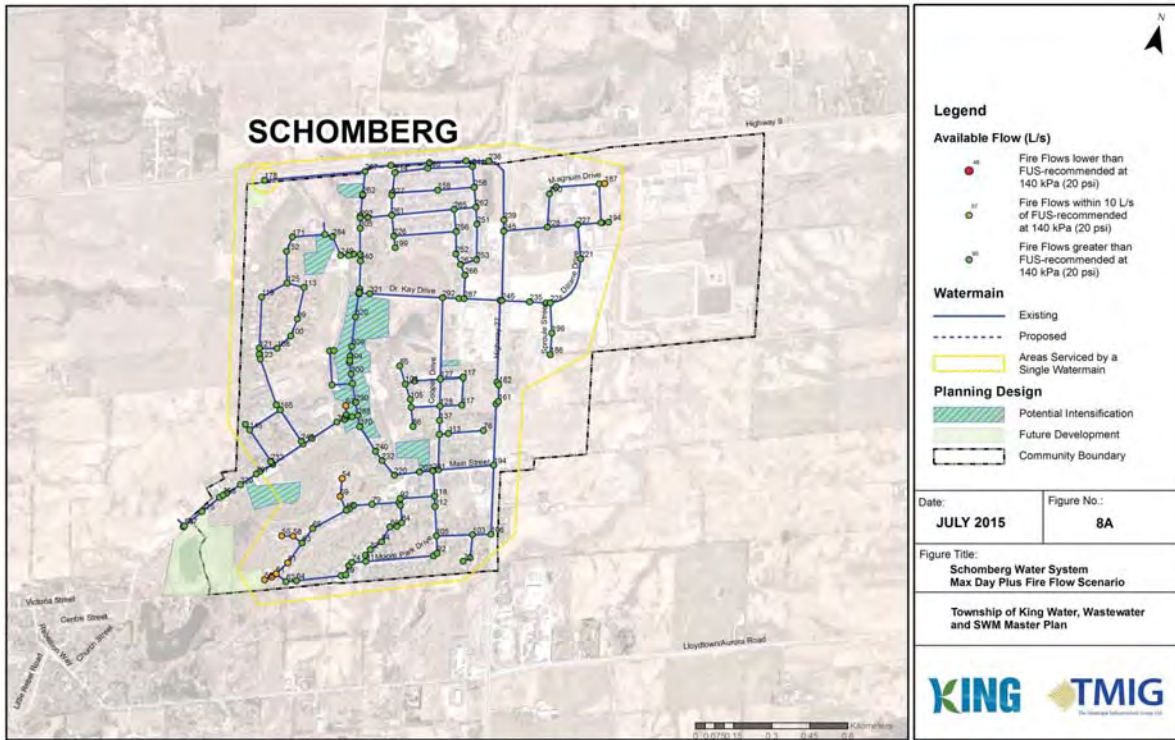


Document Path: G:\Projects\2014\14100 - King Township Master Plans\MAPS\CK2\Water6A\_King City-Water Constraints.mxd



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N	
<b>Legend</b>	
<b>Pressure</b>	
●	less than 275 kPa (40 psi)
●	greater than 275 kPa (40 psi)
<b>Well Location</b>	
■	Active
<b>Watermain</b>	
—	Existing
<b>Planning Status</b>	
- - -	Community Boundary
Date:	Figure No.:
<b>JULY 2015</b>	<b>9A</b>
Figure Title:	
Ansnorveldt Water System Peak Hour Scenario	
Township of King Water, Wastewater and SWM Master Plan	
<b>KING</b>	<b>TMIG</b> <small>The Township of King</small>



### Alternative 1 - Do Nothing

- Proceed with Community Plan projections, without any material changes to the Township's existing water distribution and wastewater collection infrastructure.

### Alternative 2 – Limit Community Growth

- Limit growth within each of the individual communities to that which can be supported by the existing water and wastewater infrastructure.

### Alternative 3 – Water Conservation (Water & Wastewater)

- Provide for mandated growth solely by reducing water consumption and wastewater generation Township-wide..

### Alternative 4 – Expand & Enhance Existing Water and Wastewater Infrastructure

- Provide for mandated growth through a combination of enhancements of the existing system or extension of the existing system into new growth areas.



#### TECHNICAL MERIT

- **Functionality** – Ability to meet demands and integrate with existing infrastructure
- **Constructability** – Ease of construction, length of routes, construction methods and crossings

#### NATURAL

- **Impact on Natural Environment**
  - Need for Greenbelt/ORM crossings or on-Greenbelt/on-ORM construction
  - Impact on terrestrial and aquatic environments

#### SOCIO-ECONOMIC

- **Cultural Environmental Impact** – Cultural heritage impact & disruption to surrounding area
- **Transportation Impact** – Impact on traffic patterns, road closures/detours, public transit disruption
- **Residential and Business Impact**
  - Proximity of work to residences, businesses & institutions, public safety and perception
  - Odour & air quality

#### FINANCIAL

- 25-Year Capital Cost

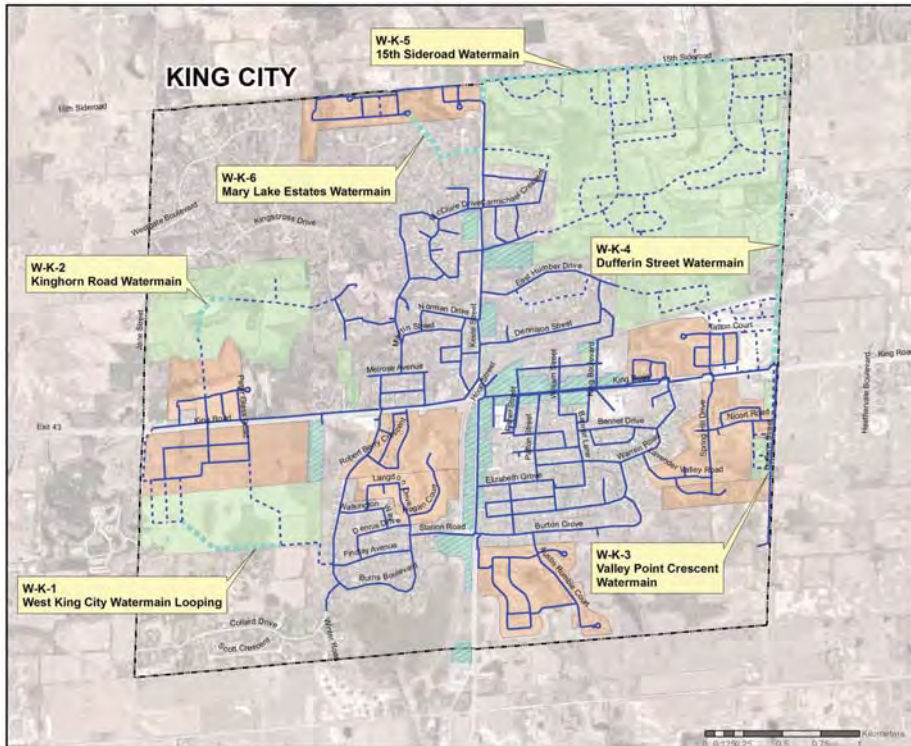


Evaluation Criteria	Alternative 1 Do Nothing	Alternative 2 Limit Community Growth	Alternative 3 Water Conservation	Alternative 4 Expand & Enhance Existing Municipal Systems
<b>Technical Merit</b>	This would result in the desired level-of-service not being provided	Does not permit the Township to achieve the Regional growth targets.	This would maximise the use of the existing built capacity, but does not provide for servicing of greenfield development.	Completely addresses the growth envisioned in the Community Plans through intensification and expansions to urban boundaries.
<b>Natural</b>	No impact, but does not offer improvements to existing conditions.	No impact, but does not offer improvements to existing conditions.	No impact, and offers improvements to existing conditions.	Some impact as a result of construction works including creek crossings. Most construction will occur in road right-of-ways and the use of trenchless technologies will largely mitigate concerns. Offers valuable improvements to existing conditions.
<b>Socio-Economic</b>	Could result in basement flooding associated with surcharged sanitary sewers. Minimum pressure requirements or fire flow availability might not meet the desired level-of-service	This option does not meet the growth and density objectives of the Township's Community Plans.	Socially, it can be difficult to force residents/businesses to conserve to the degree required to ensure success. Cannot guarantee long-term compliance. Greenfield development not serviced.	Modest impacts during construction, most of which will occur in outlying areas. Completely satisfies the Township's growth objectives.
<b>Financial</b>	No impact.	Minor financial investment required to address existing capacity constraints.	Modest financial investment required. If not successful, would require additional investment in implementing another solution.	Reasonable financial investment required.
<b>OVERALL</b>	<b>Cannot satisfy Township's Servicing Policies.</b>	<b>Cannot satisfy Provincially-mandated growth targets.</b>	<b>Cannot satisfy Provincially-mandated growth targets.</b>	<b>Optimal balance of benefits and impacts across all evaluation criteria while fully satisfying The Township's growth objectives.</b>

The recommended Preferred Alternative is to **Expand and Enhance Existing Municipal Systems**, meaning that the existing networks will be extended to service new development, and that existing pipes will be enlarged – where required – to accommodate the water demands and wastewater flows associated with this planned growth.

While **Water Conservation** is not a “complete” solution, the Township will continue to promote conservation. This could result in some of the recommended infrastructure projects being deferred.

This will make the best use of existing infrastructure, provide opportunities to coordinate with other projects, and save money.



Document Path: G:\Projects\2014\14100 - King Township Master Plans\MAPS\PICR2\Water\12A\_King City-Water Projects.mxd

**Legend**

**Elevated Tank**

- Active
- Water Project

**Watermain TYPE**

- Active
- Inactive

**Planning Status**

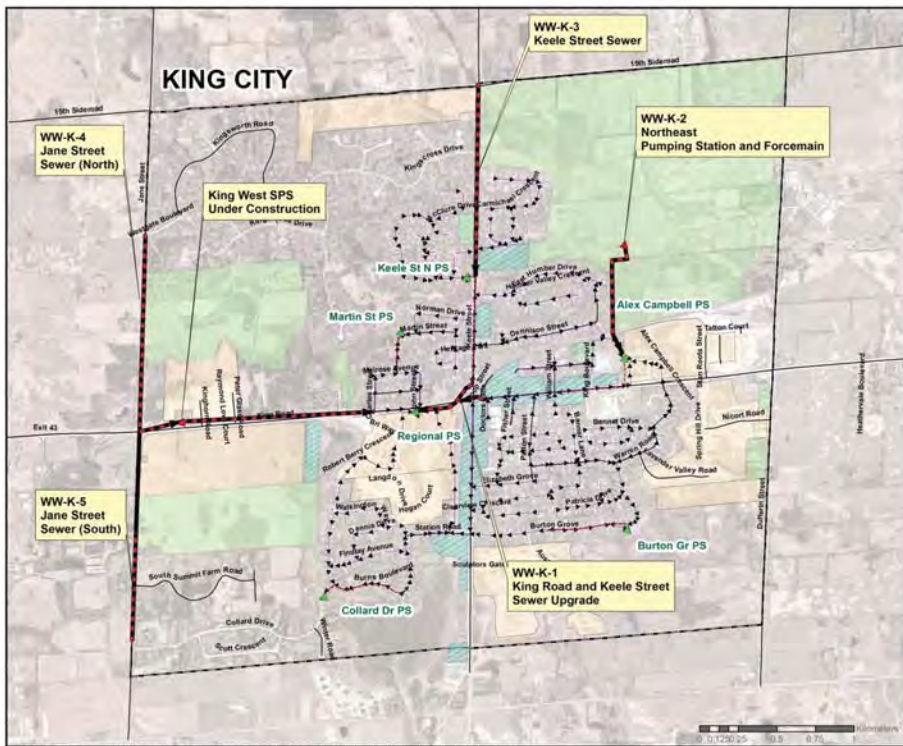
- Potential Intensification
- Approved Development
- Future Development
- Community Boundary

Date: **JULY 2015** Figure No.: **12A**

Figure Title:  
King City Water System  
Master Plan Projects

Township of King Water, Wastewater  
and SWM Master Plan

**KING** **TMIG**



Document Path: G:\Projects\2014\14100 - King Township Master Plans\MAPS\PICR2\12B\_King City-Wastewater Projects 366.mxd

**Legend**

**Existing SPS**

- Existing SPS
- Future SPS

**Existing Forcemain**

- Existing Forcemain
- Future Servicing and Upgrades

**Sewer Capacity**

- <80% Capacity

**Planning Status**

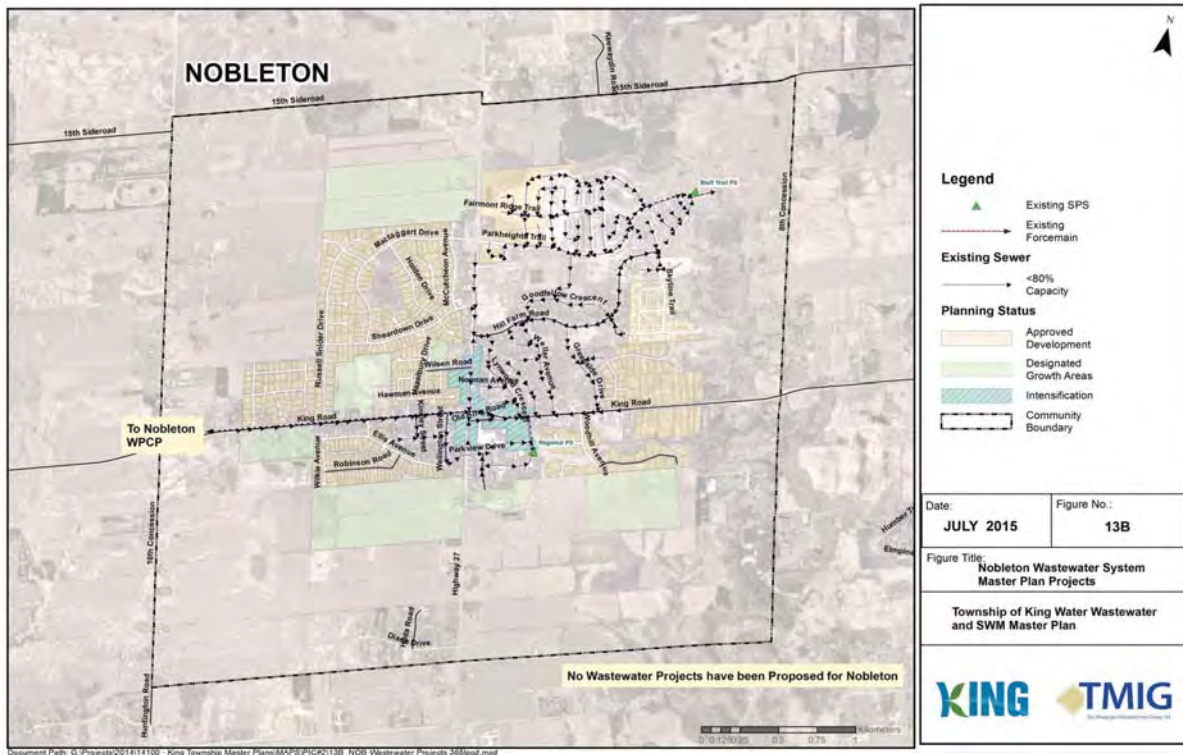
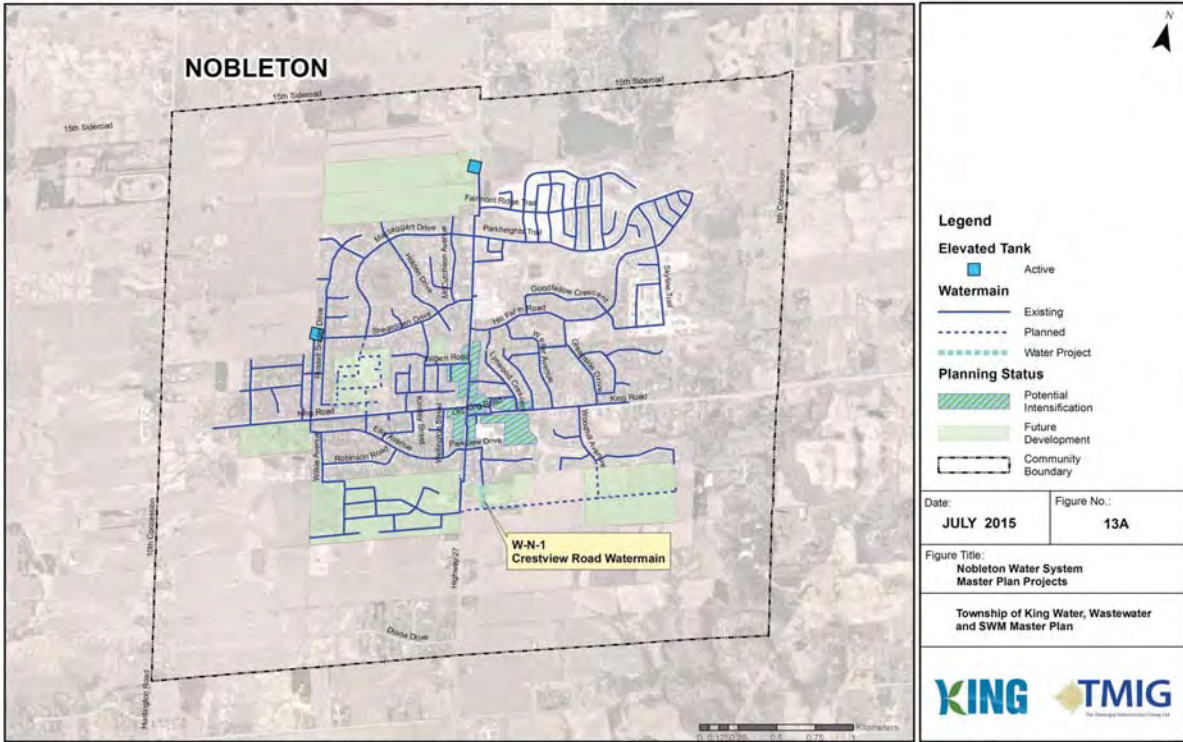
- Approved Development
- Designated Growth Areas
- Intensification
- Community Boundary

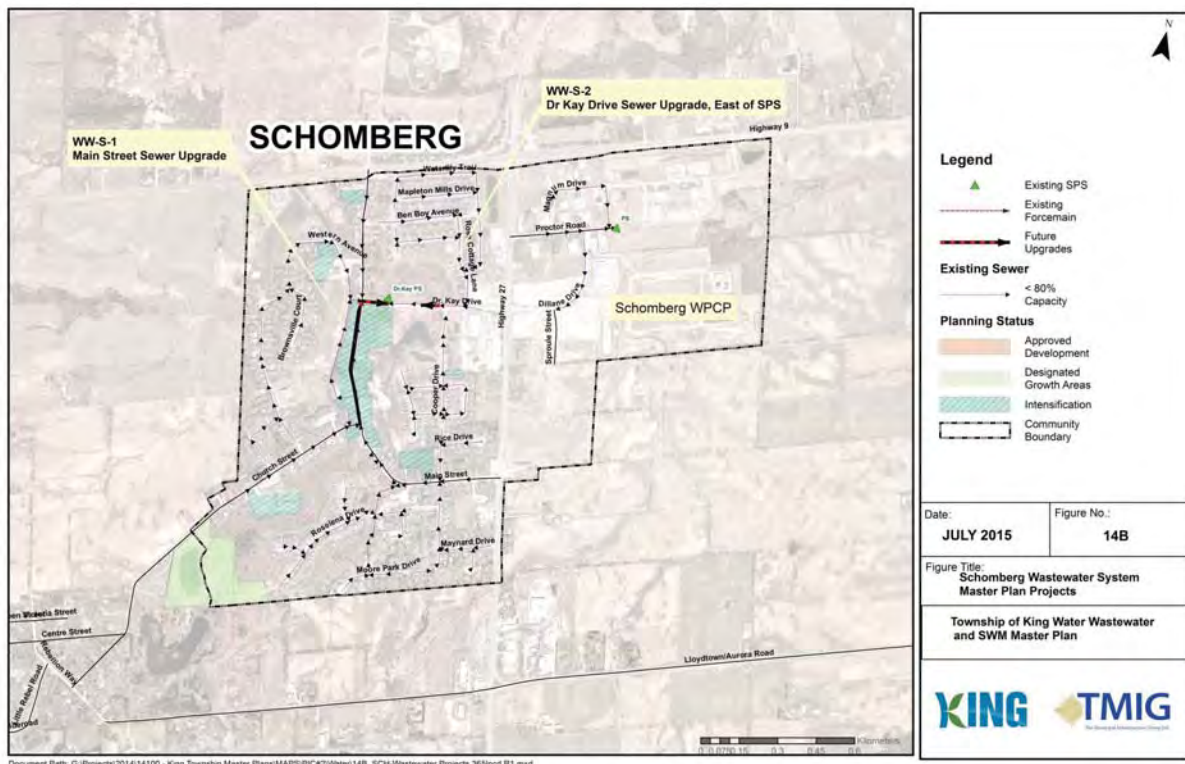
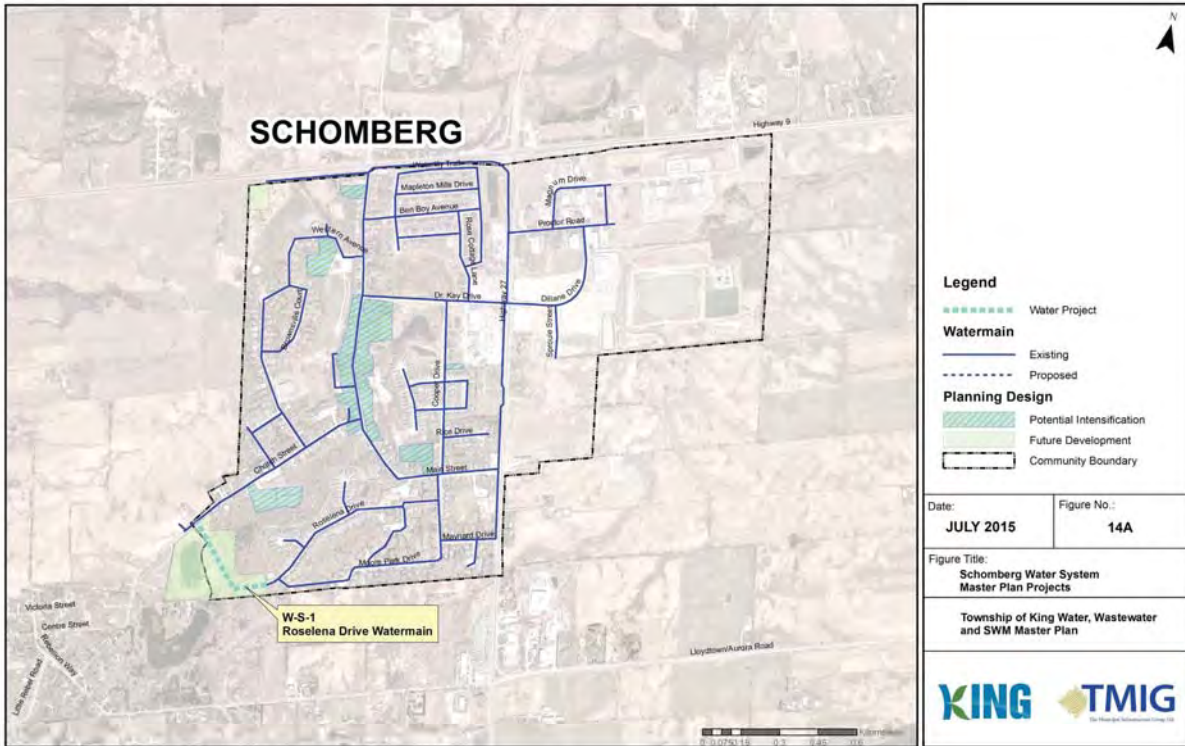
Date: **JULY 2015** Figure No.: **12B**

Figure Title:  
King City Wastewater System  
Master Plan Projects

Township of King Water, Wastewater  
and SWM Master Plan

**KING** **TMIG**





## Water Projects

ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
W-K-1	West King City Watermain Looping	Providing sufficient fire flows at the minimum required pressure to support development of the employment lands.	Exempt <sup>(1)</sup>	N/A
W-K-2	Kinghorn Road Watermain	Dead end water networks within developments west of Manitou Dr. and northeast of Jane St. and King Rd.	A+	\$125,000
W-K-3	Valley Point Crescent Watermain	Dead end water network at Valley Point Cres.	Exempt <sup>(1)</sup>	N/A
W-K-4	Dufferin Street Watermain	Servicing of future development in northeast King City and Country Day School	A+	\$1,200,000
W-K-5	15 <sup>th</sup> Sideroad Watermain	Servicing of future development in northeast King City and Seneca College	A+	\$1,300,000
W-K-	Mary Lake Estates Watermain	Security of supply to approved development.	Exempt <sup>(1)</sup>	N/A
W-N-1	Crestview Road Watermain	Dead end water network at Crestview Rd.	Exempt <sup>(1)</sup>	N/A
W-S-1	Roselena Drive Watermain Extension	Strengthen watermain looping from Church Street.	Exempt <sup>(1)</sup>	N/A

Note:  
1. Private Sector development; will proceed under the Planning Act.

## Wastewater Projects

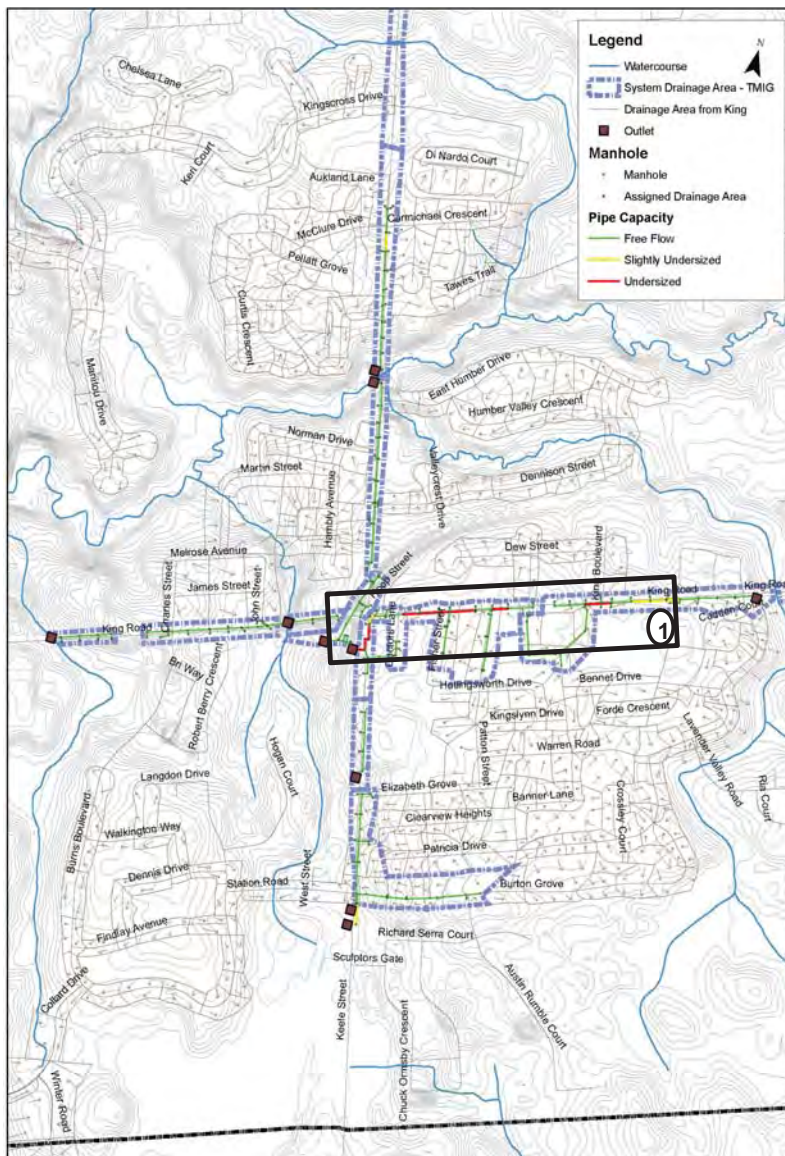
ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2015 dollars)
WW-K-1	King Road and Keele Street Sewer Upgrade	Development of northeast King City, and lands along 15 <sup>th</sup> Side Road (including Seneca College and Country Day School)	A+	\$1,100,000
WW-K-2	Northeast Pumping Station and Forcemain	Development of northeast King City, (including Country Day School)	Exempt <sup>(1)</sup>	N/A
WW-K-3	Keele Street Sewer	New gravity sewers are required to service lands along 15 <sup>th</sup> Side Road (including Seneca College)	A+	\$1,100,000
WW-K-4	Jane Street Sewer (North)	Potential future servicing of the currently-developed lands in northwest King City	B <sup>(2)</sup>	\$1,400,000
WW-K-5	Jane Street Sewer (South)	Potential future servicing of the currently-developed lands in southwest King City	B <sup>(2)</sup>	\$1,400,000
WW-S-1	Main Street Sewer Upgrade	Currently undersized, based on the Township's Design Criteria.	A+	\$1,000,000
WW-S-2	Dr. Kay Drive Sewer Upgrade East of Dr. Kay Sewage Pumping Station	Currently undersized, based on the Township's Design Criteria.	A+	\$150,000

Note:  
1. Private Sector development; will proceed under the Planning Act.  
2. As there is no current plan to service these already-developed lands, a separate Class EA should be undertaken if servicing is determined to be required. This Master Plan establishes the ultimate servicing strategy for this existing neighbourhood, based on the existing development density. The design capacity of the Kingsview Sewage Pumping Station is not limiting.

## Issue Identified

Storm sewers along King Road, east of Keele Street and along Keele Street south of King Road appear undersized

Further study is recommended to confirm storm sewer capacity and evaluate alternatives to address capacity constraints.



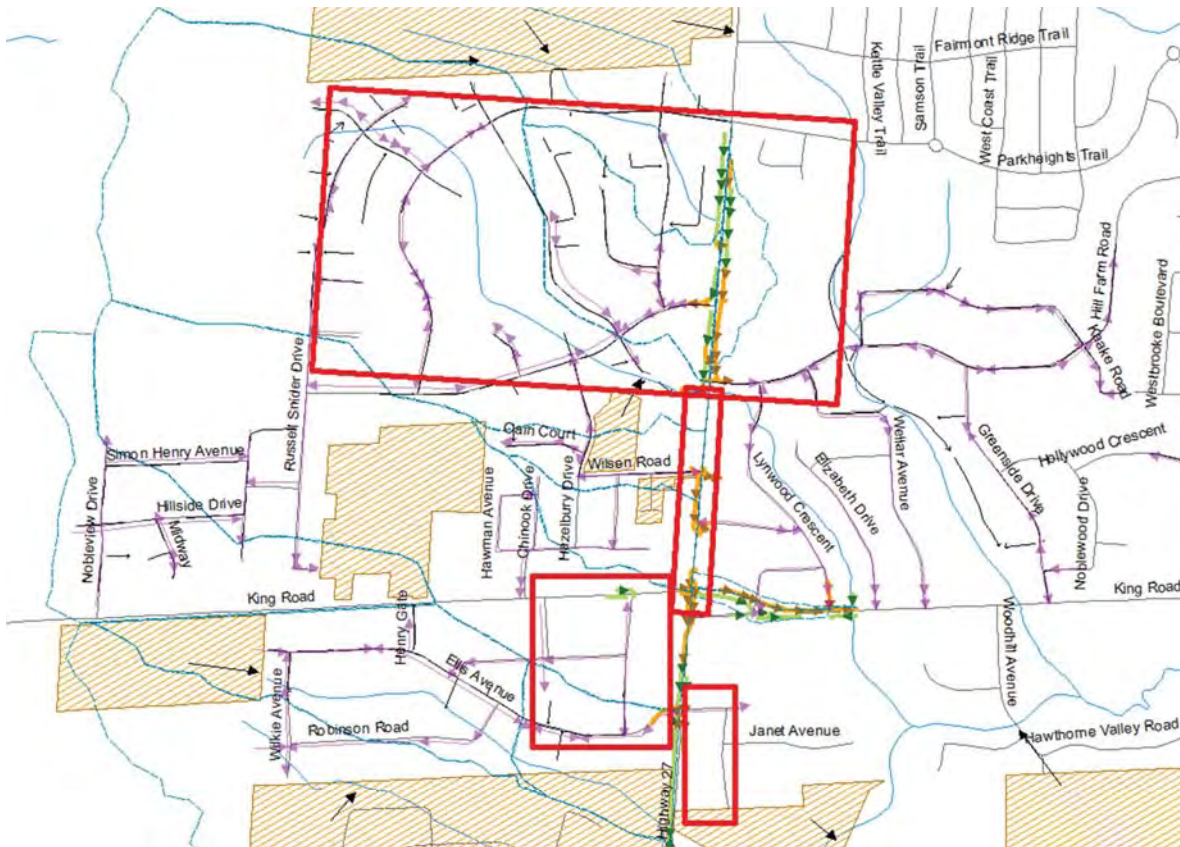
## Issues Identified:

(1) The storm sewer along Hill Farm Road between Highway 27 and Lynwood Crescent appears undersized

(2) Discontinuous drainage systems along Highway 27 between Hill Farm Road and King Road

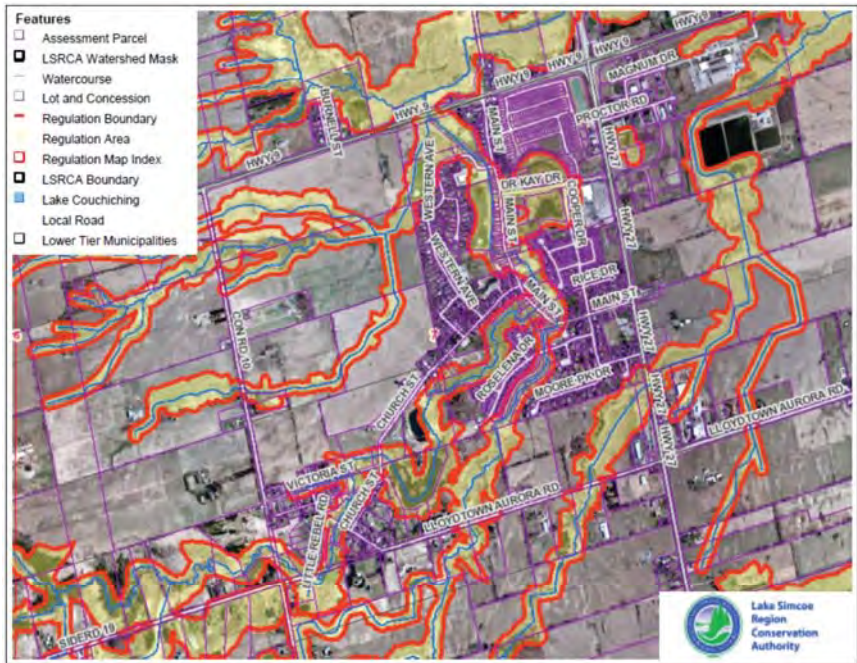
(3) Storm runoff is conveyed through private property south of King Road, west of Highway 27

(4) Non-standard drainage system through rear yards east of Highway 27, south of Parkview Avenue

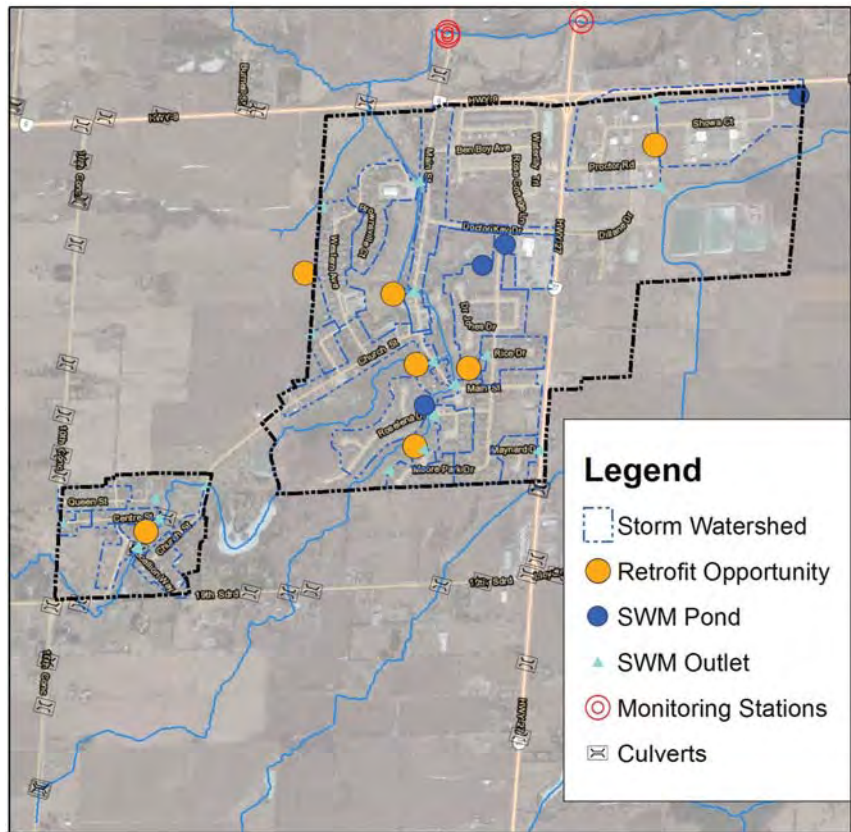




Intensification is limited in Schomberg due to Regional Storm floodplain constraints



Only 24% of the total Schomberg area is controlled through stormwater management facilities. Potential retrofit locations were identified to improve the existing conditions.



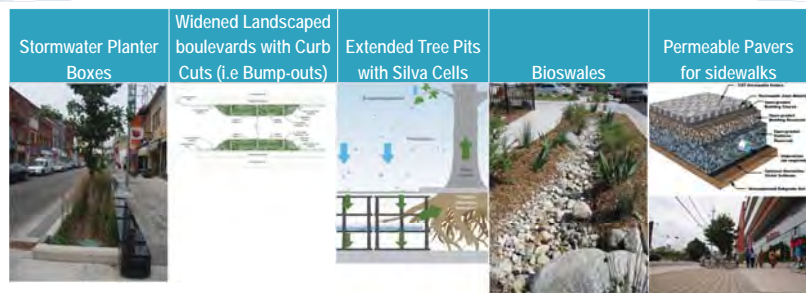
Criteria	TRCA Criteria (King City and Nobleton)	LSRCA Criteria (Schomberg)
Erosion Control	<ul style="list-style-type: none"> <li>On-site retention of minimum 5mm</li> <li>Extended detention of 25mm event for a period of 48 hours (depending on erosion assessment)</li> </ul>	<ul style="list-style-type: none"> <li>Not required for sites under 2 ha</li> <li>Extended detention of 25mm event for a period of 24 hours</li> </ul>
Quality Control	<ul style="list-style-type: none"> <li>Minimum 80% TSS removal</li> </ul>	<ul style="list-style-type: none"> <li>Minimum 80% TSS removal</li> <li>Phosphorus Loading Study – Best efforts to achieve no additional increase in post development loading</li> </ul>
Quantity Control	<ul style="list-style-type: none"> <li>Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm</li> <li>Unit flow relationships have been established by TRCA</li> <li>Regional Storm control may be required for certain areas</li> <li>Capacity of downstream storm conveyance systems should be considered</li> </ul>	<ul style="list-style-type: none"> <li>Control post-development peak flows to pre-development levels for all storms up to and including the 100 year storm</li> <li>Regional Storm control may be required for certain areas</li> <li>Capacity of downstream storm conveyance systems should be considered</li> </ul>
Water Balance	<ul style="list-style-type: none"> <li>For most sites, maintain pre-development groundwater recharge rates</li> <li>Criteria differ depending on site characteristics</li> </ul>	<ul style="list-style-type: none"> <li>Best efforts to maintain pre-development groundwater recharge rates.</li> </ul>

**Low Impact Development (LID):**

Low Impact development (LID) is a stormwater management strategy that can decrease the impacts of increased rainwater on the streets and into the streams as well as decrease stormwater pollution by managing the rainwater as close to its source as possible. These practices can effectively remove nutrients, pathogens and metals from runoff, and reduce the amount of stormwater flows.

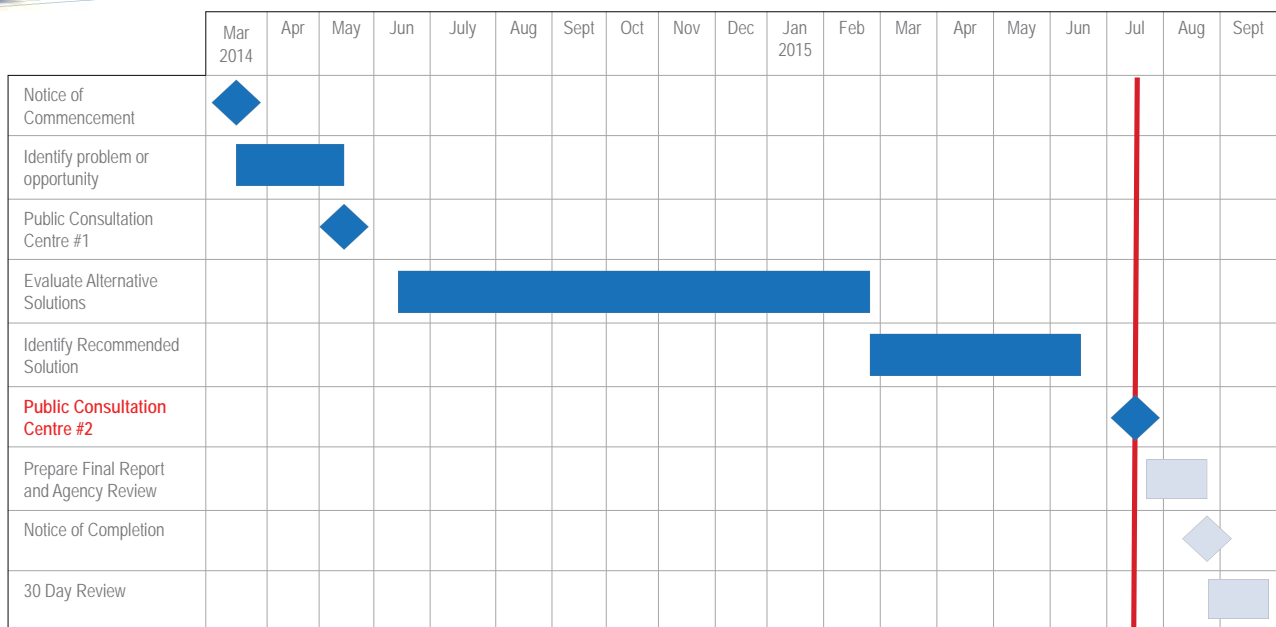
**Suggested LID Implementation:**

- Street vitalization projects along right of ways and sidewalks
- In conjunction with small or large section of planned road work



Potential LID Implementation Location		Potential LID's				
		Stormwater Planter Boxes	Widened Landscaped boulevards with Curb Cuts (i.e Bump-outs)	Extended Tree Pits with Silva Cells	Bioswales	Permeable Pavers for sidewalks
King City	King Road, east of Keele Street	X		X		X
	Keele Street, south of King Road	X		X	X	X
Nobleton	Highway 27, north and south of King Road	X		X		X
	King Road, east of Highway 27	X		X		X
Schomberg	Main Street-	X	X	X		X

- Comments from this Public Information Centre will be considered along with those received from review agencies. Please provide your comments on a comment sheet and place it in the Comment Box, or send it to us by July 31st 2015.
- The Project Team will Review the feedback and respond to any comments received, document the studies and finalize the Master Plans.
- The Master Plans will be prepared and filed for 30 calendar days for agency and public review.
- Review agencies and the public will be notified of the completion of the studies and locations where the Master Plans can be reviewed.
- Schedule A, Schedule A+ and Schedule B projects not requiring further study would move forward to implementation.
- Should you have any questions, please contact King Township or TMIG.



Legend: ◆ ■ Completed Milestone/Task      ◆ ■ Future Milestone/Task



# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 15, 2015 - Schomberg

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	Kevin Brown	TMIG	8800 Dufferin St. Vaughan, ON	905-738-5700 x247 KBrown@TMIG.ca
4				
5				
6				
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8				
9				
10				

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 15, 2015 - Schomberg

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
11	[REDACTED]	OWNETZ	[REDACTED]	[REDACTED]
12				
13				
14				
15				
16				
17				
18				
19				
20				

1/2

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 16, 2015 – King City

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	[REDACTED]	[REDACTED]		
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5				
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42

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 16, 2015 – King City

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
21	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
22				
23				
24				
25				
26				
27				
28				
29				
30				

# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 21, 2015 – Nobleton

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
11	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12	[REDACTED]		[REDACTED]	[REDACTED]
13	[REDACTED]		[REDACTED]	[REDACTED]
14	[REDACTED]	<i>owner</i>	[REDACTED]	[REDACTED]
15				
16				
17				
18				
19				
20				



# REGISTRATION SHEET

## Water/Wastewater and Stormwater Master Plans

Phase 2 Public Consultation Centre

July 21, 2015 – Nobleton

ID	NAME	PROPERTY /AFFILIATION (if any)	MAILING ADDRESS	PHONE AND EMAIL
1	KEVIN BROWN	TMIG	9800 Dufferin St. Vaughan, ON.	905-738-5700 KBrown@TMIG.ca
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**Kevin Brown**

---

**From:** [REDACTED]  
**Sent:** Thursday, May 01, 2014 11:59 AM  
**To:** KingWaterMasterPlans  
**Subject:** FW: 12860 and 12830 Dufferin Street  
**Attachments:** 2014.04 King City Draft Plans of Subdivision (subject lands highlighted).pdf

Hello,

I'm contacting you on behalf of Weston Consulting. We are currently awaiting a PAC meeting with the Town of King for the above noted subject lands (12860 and 12830 Dufferin Street). We understand that the proposed PAC meeting may not be accommodated in the immediate future (we have been in queue for 1 mo).

However, we need to prepare a planning due diligence report ASAP and I need to gain an understanding of municipal servicing allocation. The attached shows the subject lands (highlighted in yellow). Can you please confirm the water and wastewater servicing plans for the area? IE If one were to develop 12860 and 12830 Dufferin Street, how would we connect to the system? Would that be shared with the adjacent developments shown on the attached as #2 (King Dufferin) and #5 (Zancor)?

Please advise,

[REDACTED]

[REDACTED]

[REDACTED]



Please consider the environment before printing this email.



## Draft Plans of Subdivision

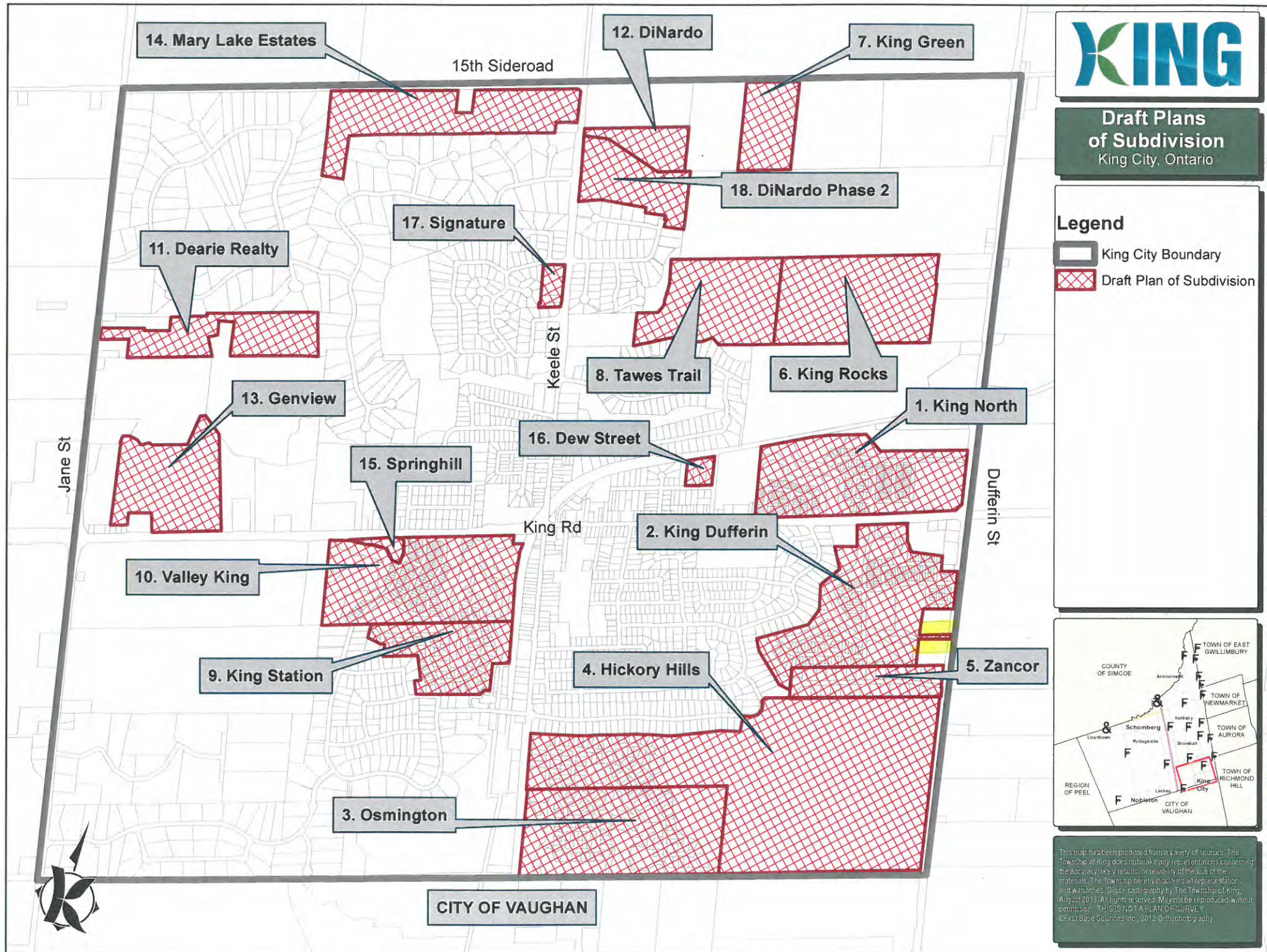
King City, Ontario

### Legend

- King City Boundary
- Draft Plan of Subdivision



The map has been produced from a variety of sources. The Township of King does not make any representations concerning the accuracy, reliability, or liability of the use of the materials. The Township hereby disclaims all representations and warranties. Digital cartography by The Township of King, August 2013. All rights reserved. May not be reproduced without permission. THIS IS NOT A PLAN OF SURVEY. ©First Base Solutions Inc., 2012 Orthophotography



CITY OF VAUGHAN

The Township of King has initiated a review and analysis of water and wastewater infrastructure in King City, Nobleton and Schomberg which will result in a Water/Wastewater Master Plan to support projected growth scenarios outlined in the Township's Official Plan, ensuring that the required level-of-service can be provided throughout the communities. A Municipal Class Environmental Assessment has been undertaken to guide this process.

Public consultation is a key component of the Class EA process. The recommended draft Master Plan was previously presented to the Public in July 2015. Subsequent to this, the Township finalized an updated Official Plan and has since reviewed this in the context of the draft Water/Wastewater Master Plan. We would like to invite you, to participate in the Public Consultation Centre to re-familiarise yourself with the preferred servicing solutions.

**Due to COVID 19 Guidelines, we are conducting this Public Consultation as a Virtual Webinar format.** At the virtual PCC, you will have the opportunity to ask us questions, share your thoughts and opinions. Your input will help ensure there is adequate water and wastewater infrastructure in place for your community that can also support mandated growth in King Township. Your participation in PCCs is important to us.

**VIRTUAL PCC DATE: MONDAY MAY 25<sup>th</sup> at 2:00 – 4:00PM**

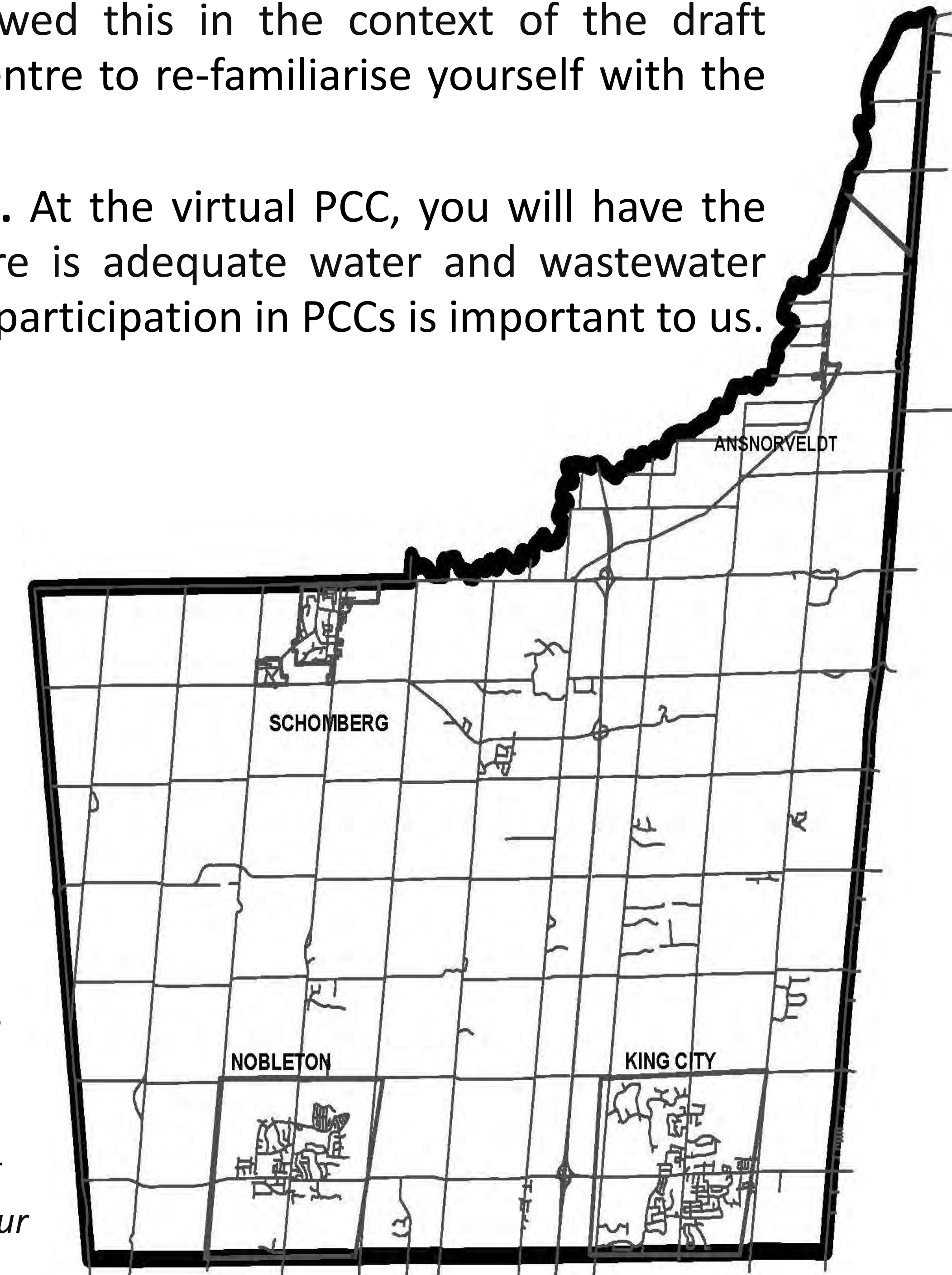
Public wishing to participate in the session can do so in the following three ways:

- 1. Participate Online:** A live webinar format will be established for this purpose. Details will be provided on the Project Website
- 2. Participate by Telephone:** You will be able to download the presentation, and call-in to the Virtual PCC for Audio.
- 3. Review Independently:** You can also request the presentation materials be mailed to you, and submit comments and/or questions via phone or e-mail

Further details will be available at <http://www.king.ca/WaterMasterPlans>.

You may also send an e-mail to [KingWaterMasterPlans@tmig.ca](mailto:KingWaterMasterPlans@tmig.ca), or contact the Township's Project Manager directly: **Wayne Pinkney**, King Township Engineering and Public Works: (905) 833-4575

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*



**WATER/WASTEWATER MASTER PLANS  
CLASS ENVIRONMENTAL ASSESSMENT**

**PUBLIC INFORMATION  
LIVE BROADCAST**

May 25, 2020

**PROJECT CONTACTS:**

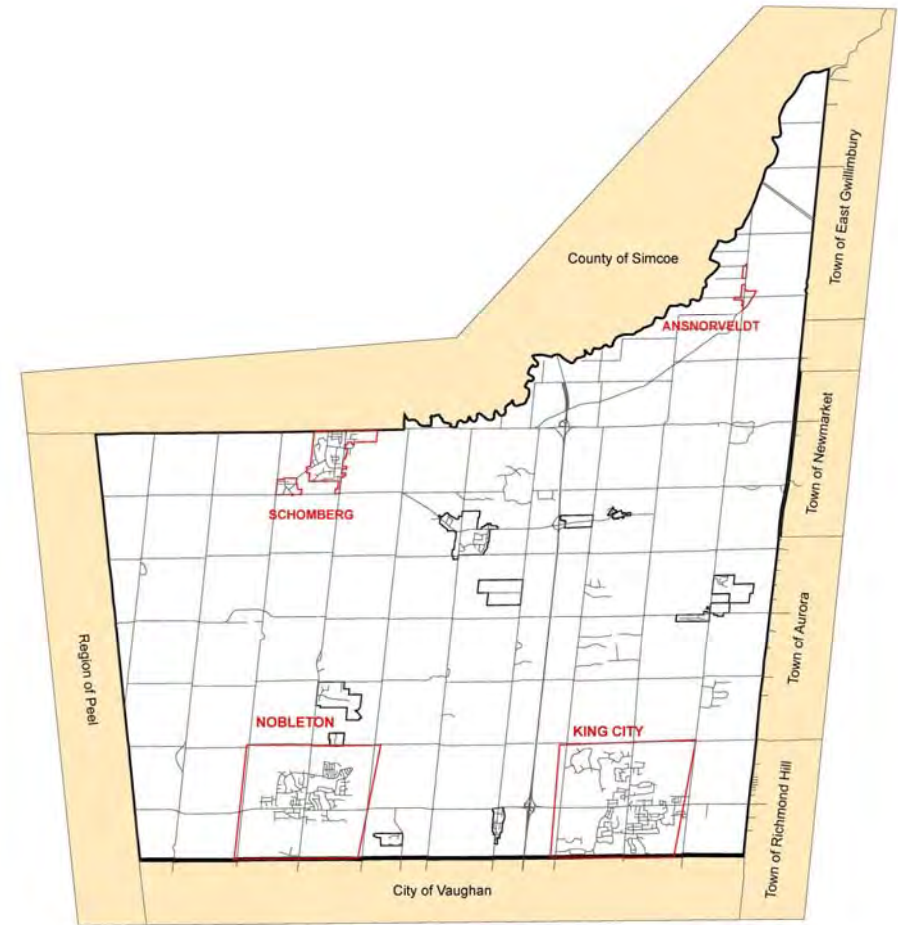
**Mr. Wayne Pinkney, C.E.T.,**  
**King Township, Engineering and Public Works**  
2585 King Rd.  
King City, ON L7B 1A1  
Tel: (905) 833-4575  
Fax: (905) 833-2300  
Email: wpinkney@king.ca

**Mr. Kevin Brown, P.Eng.**  
**TMIG | The Municipal Infrastructure Group Ltd.**  
8800 Dufferin Street, Suite 200  
Vaughan, ON L4K 0C5  
Tel: (905) 738-5700 Ext. 247  
Fax: (905) 738-0065  
Email: kbrown@tmig.ca

*Due to Provincial Restrictions on Social Gatherings in the wake of the COVID-19 Pandemic, this Information Session is being broadcast live.*

The communities of **King City**, **Nobleton** and **Schomberg** are serviced via municipal water, wastewater and storm sewer networks, and are currently experiencing growth. The community of **Ansnorveldt** has a municipal water distribution system.

A review and analysis of the existing services in King City, Nobleton, Schomberg and Ansnorveldt will allow the Township to coordinate municipal infrastructure planning with its Official Plan update, to ensure that the policies developed in each are compatible with one another and that the services are available in time to service the projected growth.



Milestone	Date
Project Initiation	January 8, 2014
Notice of Commencement	March 6, 2014
Develop Problem Statement	April 2014
Phase 1 Public Consultation	May 13, 2014
Develop and Review Alternative Solutions	June 2014-May 2015
Phase 2 PCC (Schomberg)	July 15, 2015
Phase 2 PCC (King City)	July 16, 2015
Phase 2 PCC (Nobleton)	July 21, 2015

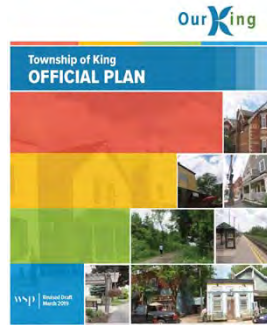
Milestone	Date
Update King City Density Projections	Late-2015
Consultation with TRCA	August 2016
Presentation to Council	November 1, 2016
Updated Analysis to Reflect the New Official Plan	March-August 2017
Planning Updates and Re-Finalize Project File	2018
Public Update (Live Webcast)	May 25, 2020
Finalize Master Plan	Mid-2020



## Problem Statement / Study Background

Like all municipalities in the Greater Golden Horseshoe, the Township of King has to accommodate growth in order to help the Province achieve the growth objectives identified in the *Places to Grow* initiative.

King Township has initiated Master Plan studies that will support the Township's Official Plan and the individual Community Plans, while ensuring that the level of service for the existing serviced areas is maintained. The studies will consider all lands currently designated for development, plus an allowance to accommodate intensification within the existing development limits as established by York Region and the provincial Growth Plan (Places to Grow).



### King Township Official Plan

King has completed their Official Plan:

The new Parent Official Plan will help develop a vision for how King is going to evolve and grow over the long-term, and how to achieve it.

Objective is for conformity with the Greenbelt Plan, the Growth Plan for the Greater Golden Horseshoe, the Lake Simcoe Protection Plan, and Source Protection Plans.

This is the basis for this Water/Wastewater Master Plan



### Transportation Master Plan

The Township of King has also completed a Transportation Master Plan (TMP) Study. The TMP Study will guide the development of the Township's long-term transportation vision for the next twenty years.

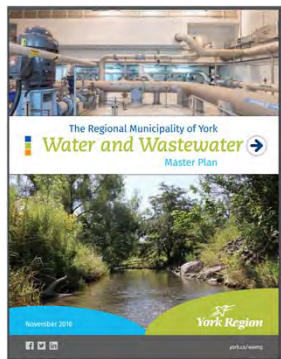
This Study reflects the Township's desire to develop a sustainable transportation system with a strong focus on efficient use of existing infrastructure, transit, active transportation and Transportation Demand

### York Region 2016 Water and Wastewater Master Plan

The Region has updated their Water and Wastewater Master Plan, which was previously updated in 2009. As York Region supplies King Township with treated drinking water, and also receives King Township's Wastewater and conveys it to the Region's Water Resource Recovery Facilities, it is important that the Township and the Region share a common understanding of how water demands, and wastewater flows will change over time, ensuring that both systems are capable of supporting the projected growth throughout the serviced areas of the Township.

The following projects within King Township are identified in the Region's Master Plan:

- **W28 - Nobleton Water Supply Expansion:** Increase supply capacity to support proposed Nobleton community expansion through addition of new wells and/or revision of existing Permit to Take Water limit.
- **WW21- Nobleton Water Resource Recovery Facility Expansion:** Increase capacity of Nobleton Water Resource Recovery Facility from 2.9 MLD to 4.2 MLD, including the adding a third treatment train, upgrades to the filtration system and modification to existing headworks and pump station. The expansion is required to accommodate growth in Nobleton.



Criterion	Value	Note
Residential Average Day Demand	370 Lpcd	-
Maximum Day Factor	King City: 2.00 Nobleton: 2.00 Schomberg: 2.00	From Township's Design Standards
Peak Hour Factor	King City: 2.75 Nobleton: 2.75 Schomberg: 2.75	From Township's Design Standards
Commercial / Industrial / Institutional	86 persons/ha	Equivalent residential population
Fire Flows	Per Fire Underwriters Survey	-
System Pressures – Peak Hour	275 to 700 kPa	40 to 100 psi
System Pressures – Maximum Day plus Fire	140 to 700 kPa	20 to 100 psi

Category	Structure Characteristics	Calculated Fire Flow	Example
Residential	260 m <sup>2</sup> (2,800 ft <sup>2</sup> ) 'Ordinary' Construction Limited Combustible Content Not Sprinklered	63 L/s (3,780 L/min)	
Main Street Commercial	300 m <sup>2</sup> /storey (3,200 ft <sup>2</sup> ) Two Storeys (apartment above) 'Ordinary' construction Combustible Content NFPA 13 Sprinkler System	103 L/s	
Major Retail/Industrial	5,000 m <sup>2</sup> (55,000 ft <sup>2</sup> ) 'Non-Combustible' Construction Combustible Content NFPA 13 Sprinkler System	187 L/s	

Criterion	Value	Note
Residential Average Day Flow	370 Lpcd	
Infiltration Allowance	0.21 L/s/ha	Applies to Residential Lands only
Commercial Flows	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking
Industrial Flows (Light)	35 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Industrial Flows (Heavy)	55 m <sup>3</sup> /gross lot ha/day	Peak per MOE Design Guidelines
Institutional Flows	65 m <sup>3</sup> /gross lot ha/day	Includes infiltration and peaking

## TECHNICAL MERIT

- **Functionality** – Ability to meet demands and integrate with existing infrastructure
- **Constructability** – Ease of construction, length of routes, construction methods and crossings

## NATURAL

- **Impact on Natural Environment**
  - Need for Greenbelt/ORM crossings or on-Greenbelt/on-ORM construction
  - Impact on terrestrial and aquatic environments

## SOCIO-ECONOMIC

- **Cultural Environmental Impact** – Cultural heritage impact & disruption to surrounding area
- **Transportation Impact** – Impact on traffic patterns, road closures/detours, public transit disruption
- **Residential and Business Impact**
  - Proximity of work to residences, businesses & institutions, public safety and perception
  - Odour & air quality

## FINANCIAL

- 25-Year Capital Cost

## Alternative 1 - Do Nothing

- Proceed with Community Plan projections, without any material changes to the Township's existing water distribution and wastewater collection infrastructure.

## Alternative 2 – Limit Community Growth

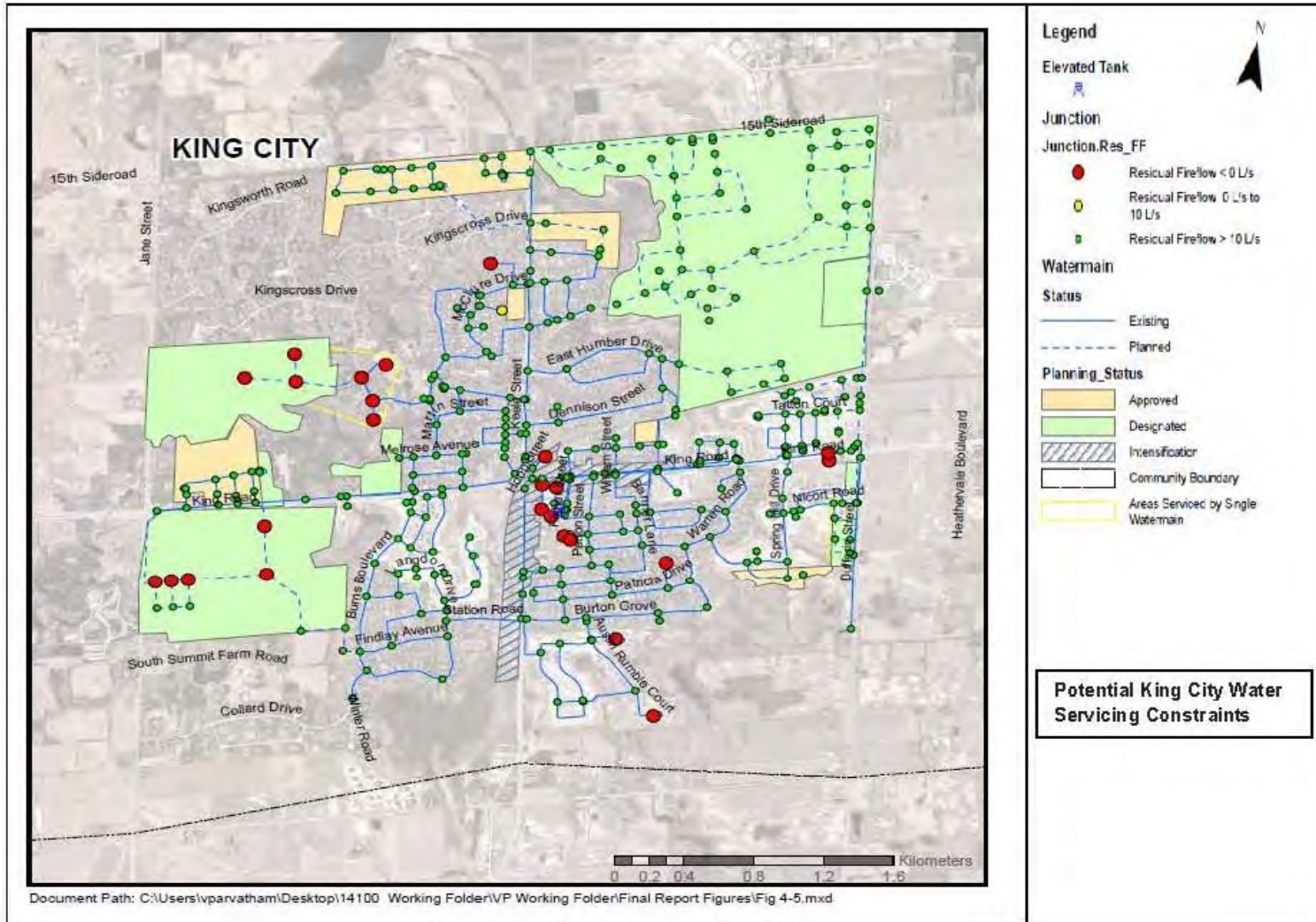
- Limit growth within each of the individual communities to that which can be supported by the existing water and wastewater infrastructure.

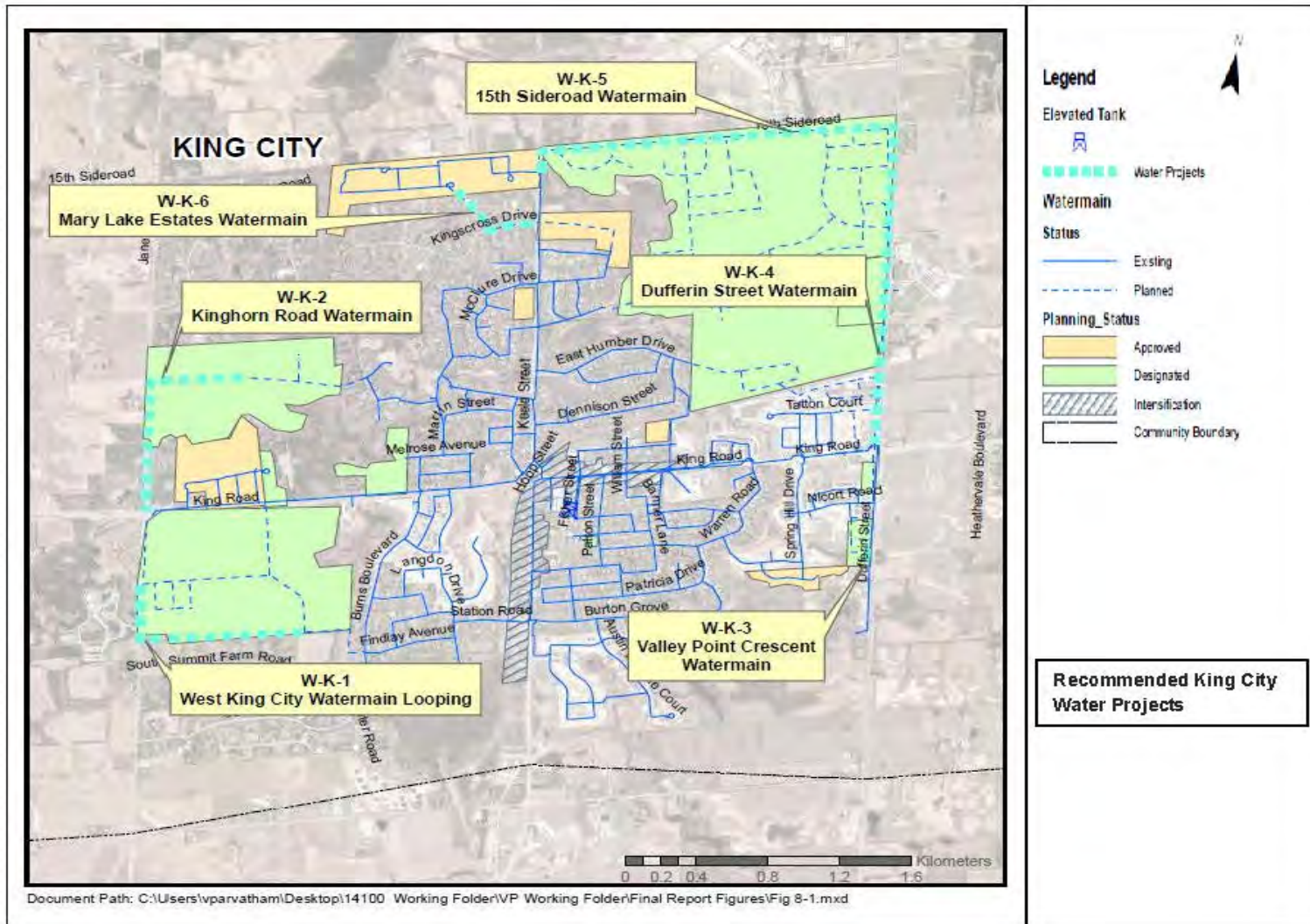
## Alternative 3 – Water Conservation (Water & Wastewater) and I/I Reduction (Wastewater)

- Provide for mandated growth solely by reducing water consumption and wastewater generation Township-wide..

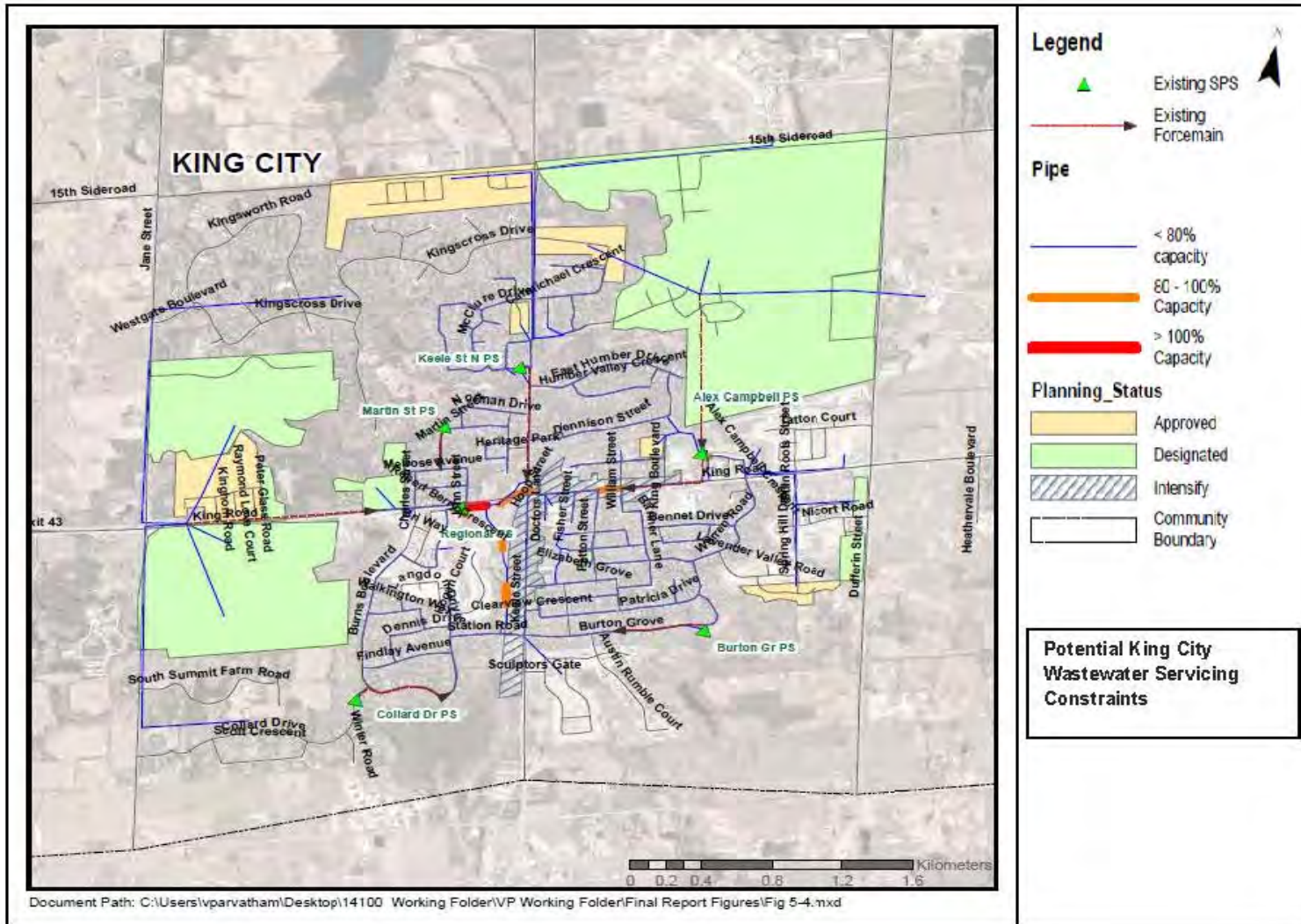
## Alternative 4 – Expand & Enhance Existing Water and Wastewater Infrastructure

- Provide for mandated growth through a combination of enhancements of the existing system or extension of the existing system into new growth areas.

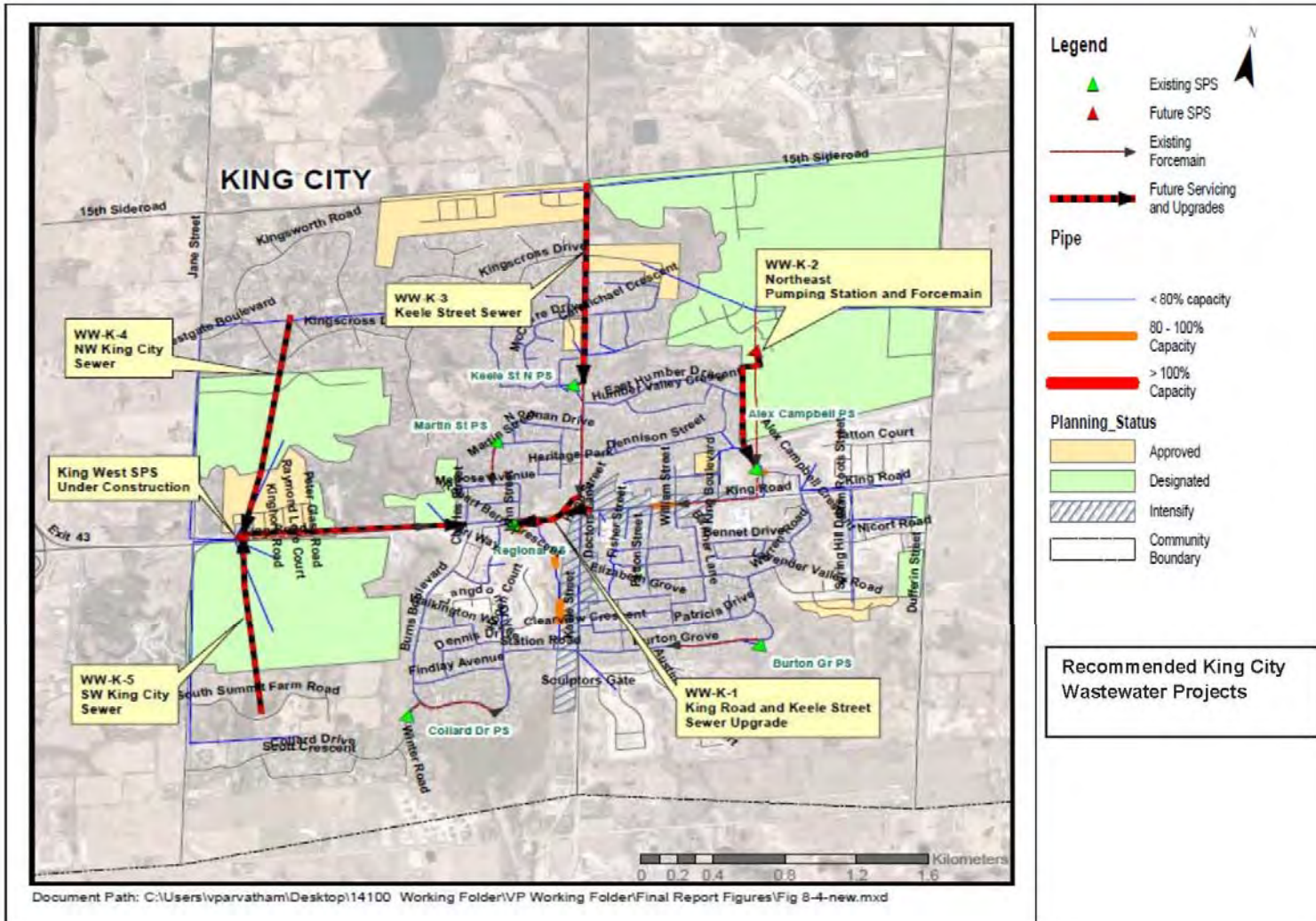




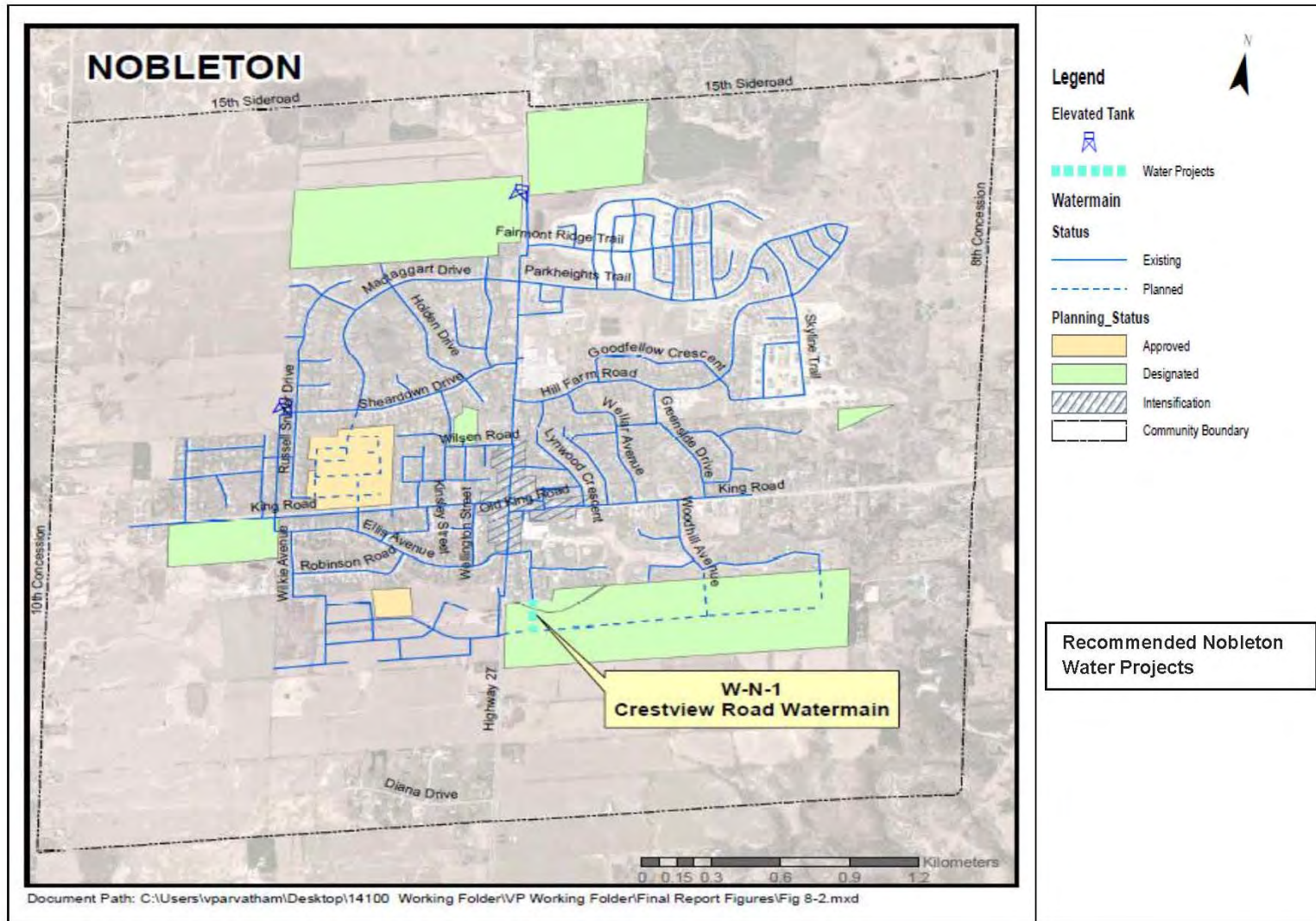


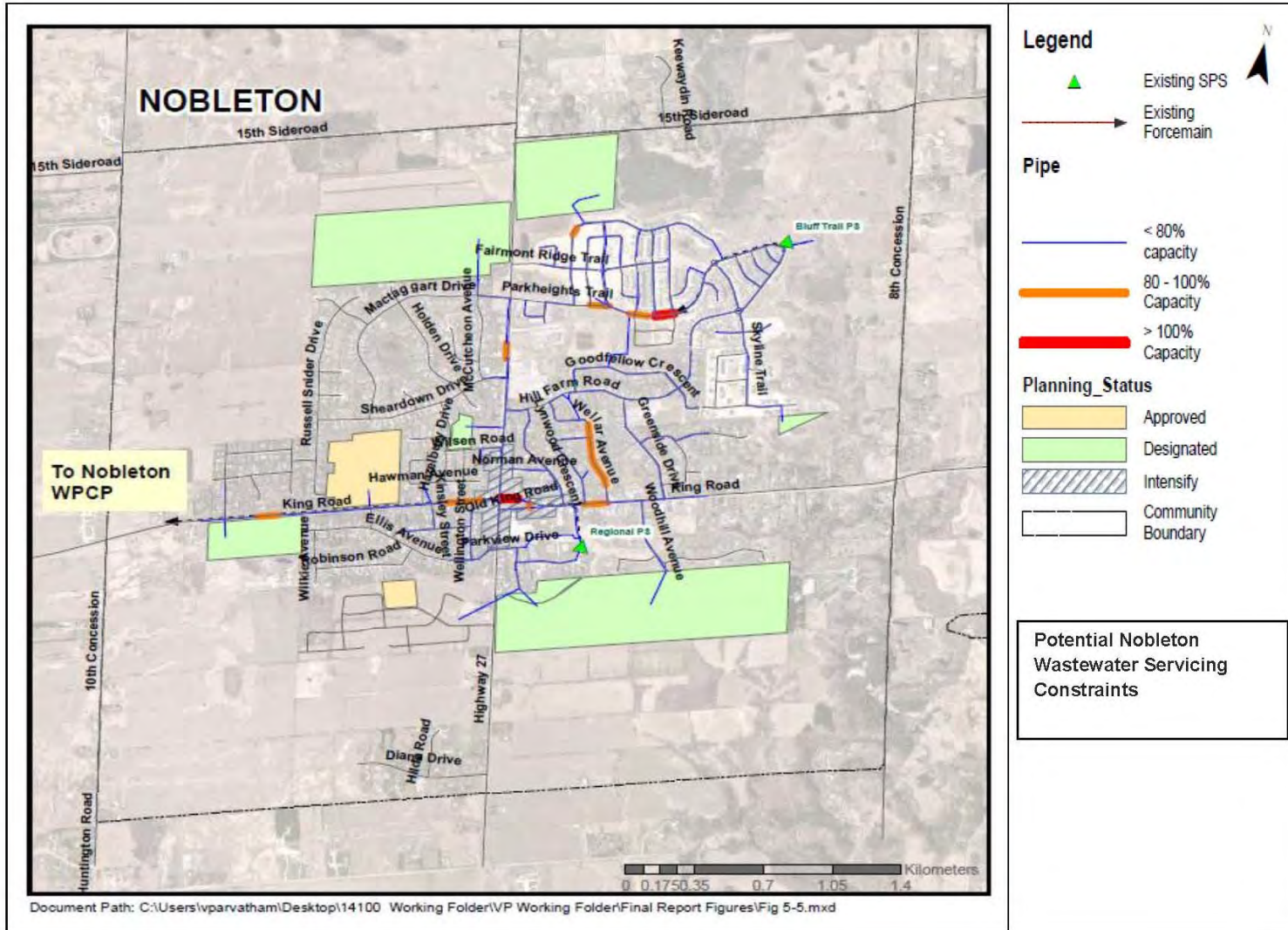


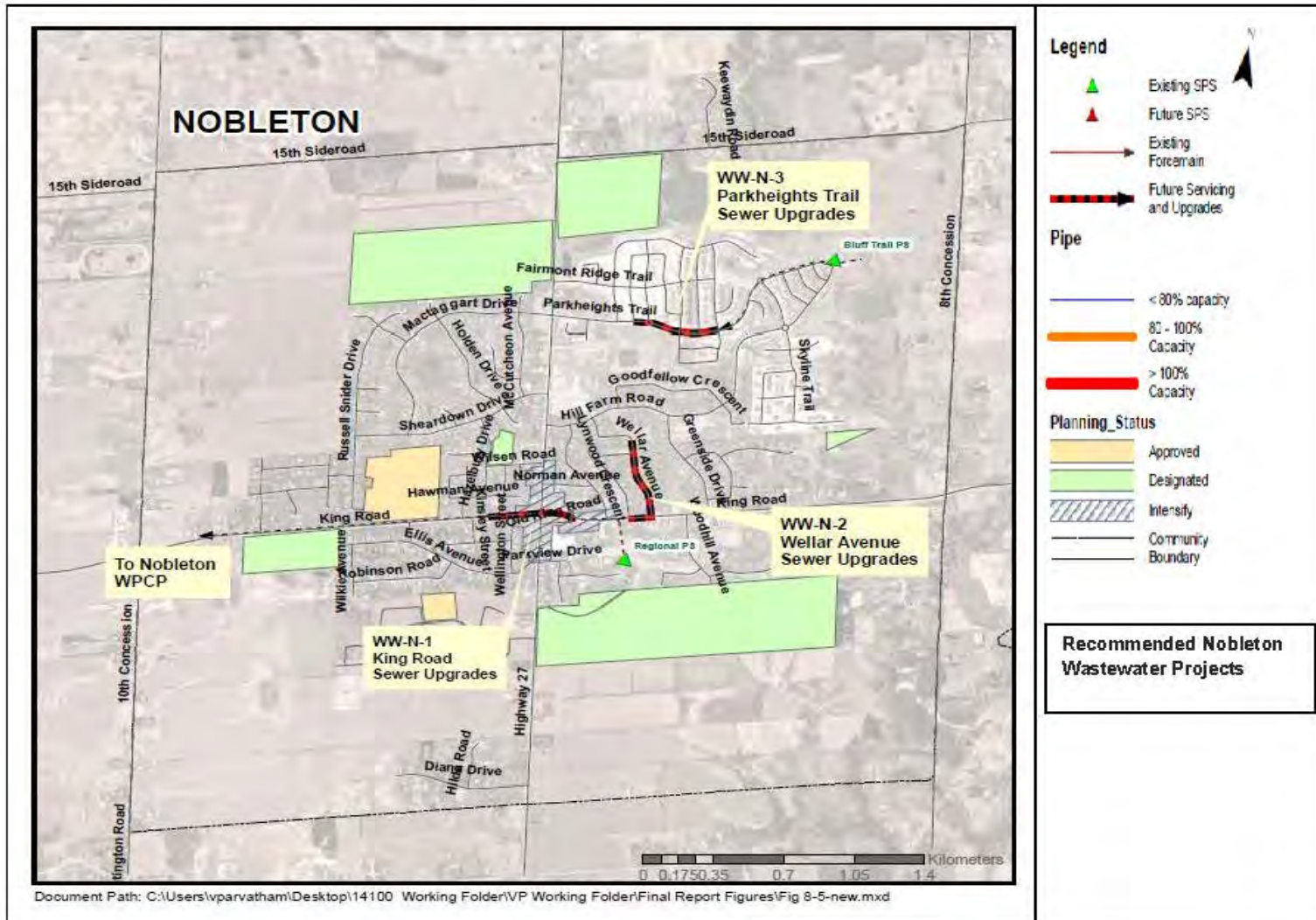
# Recommended Wastewater Projects – King City

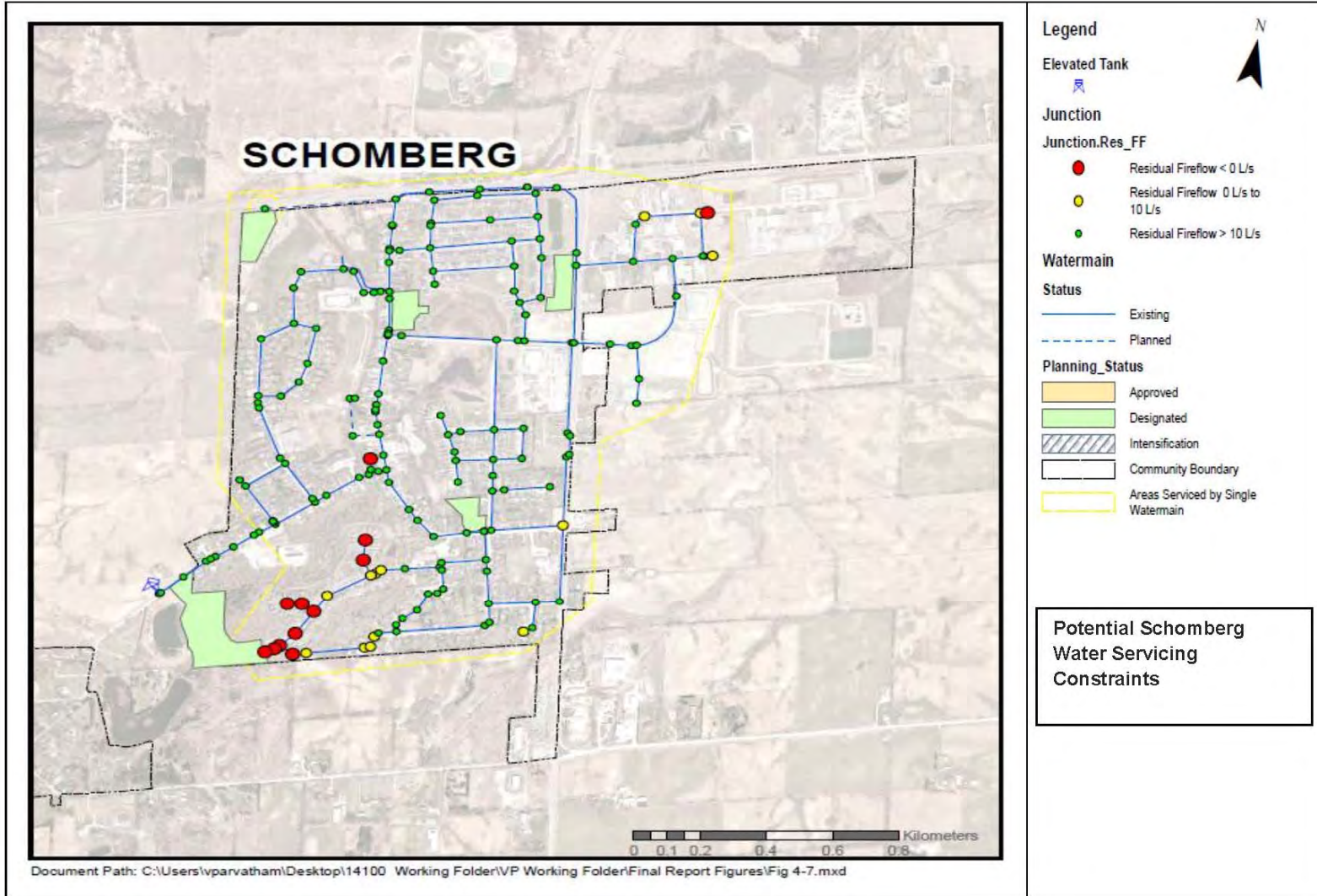


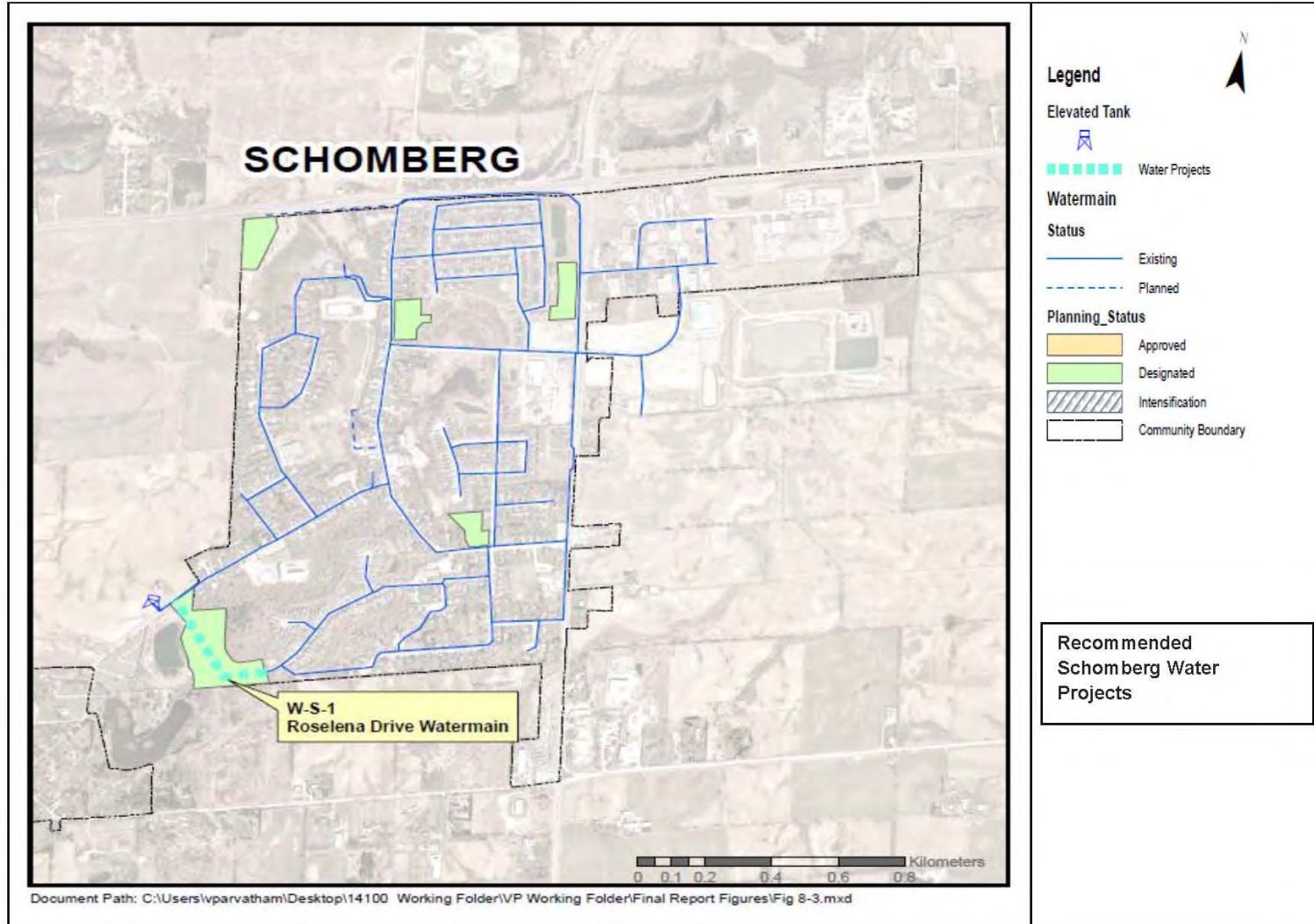




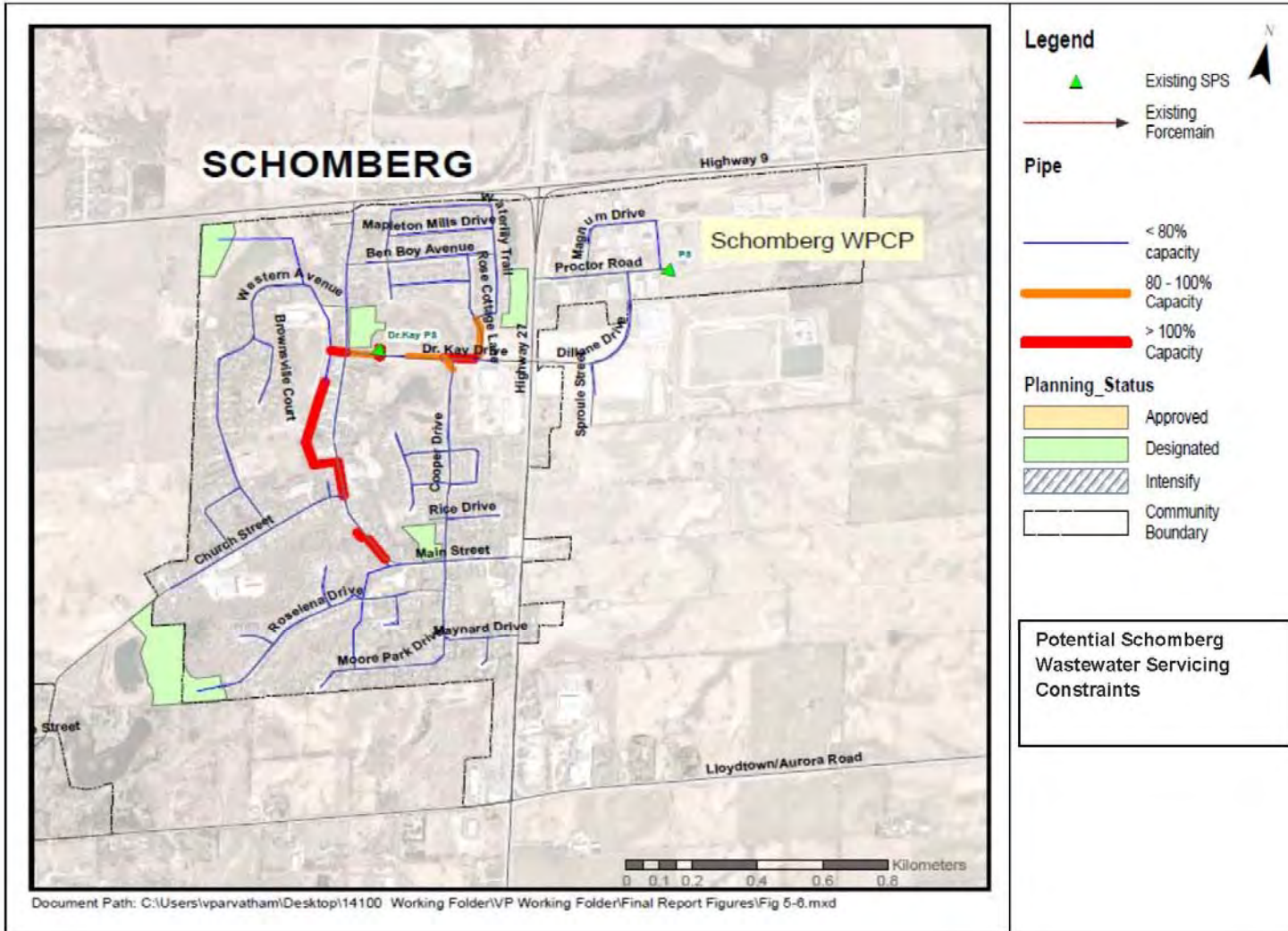


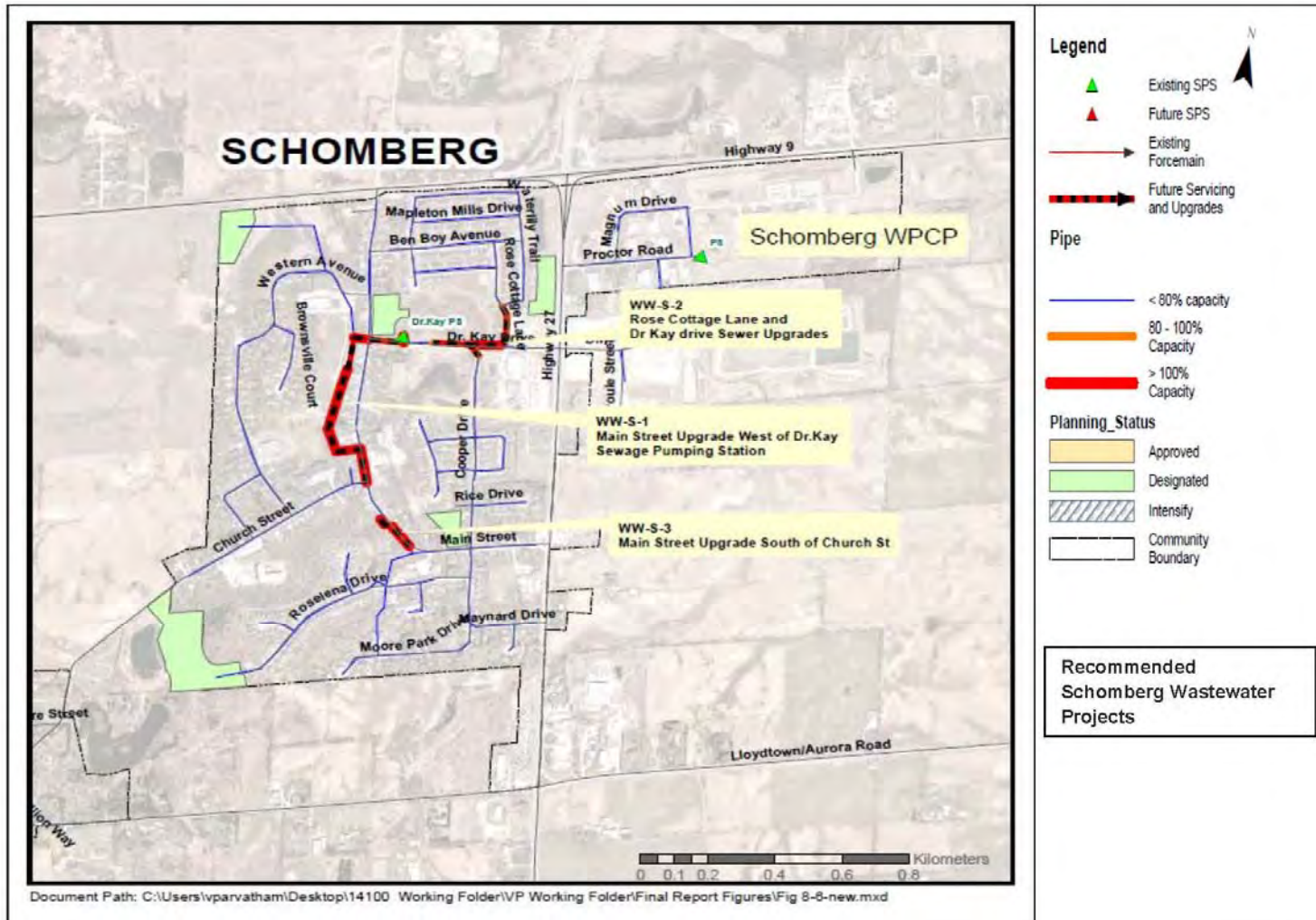


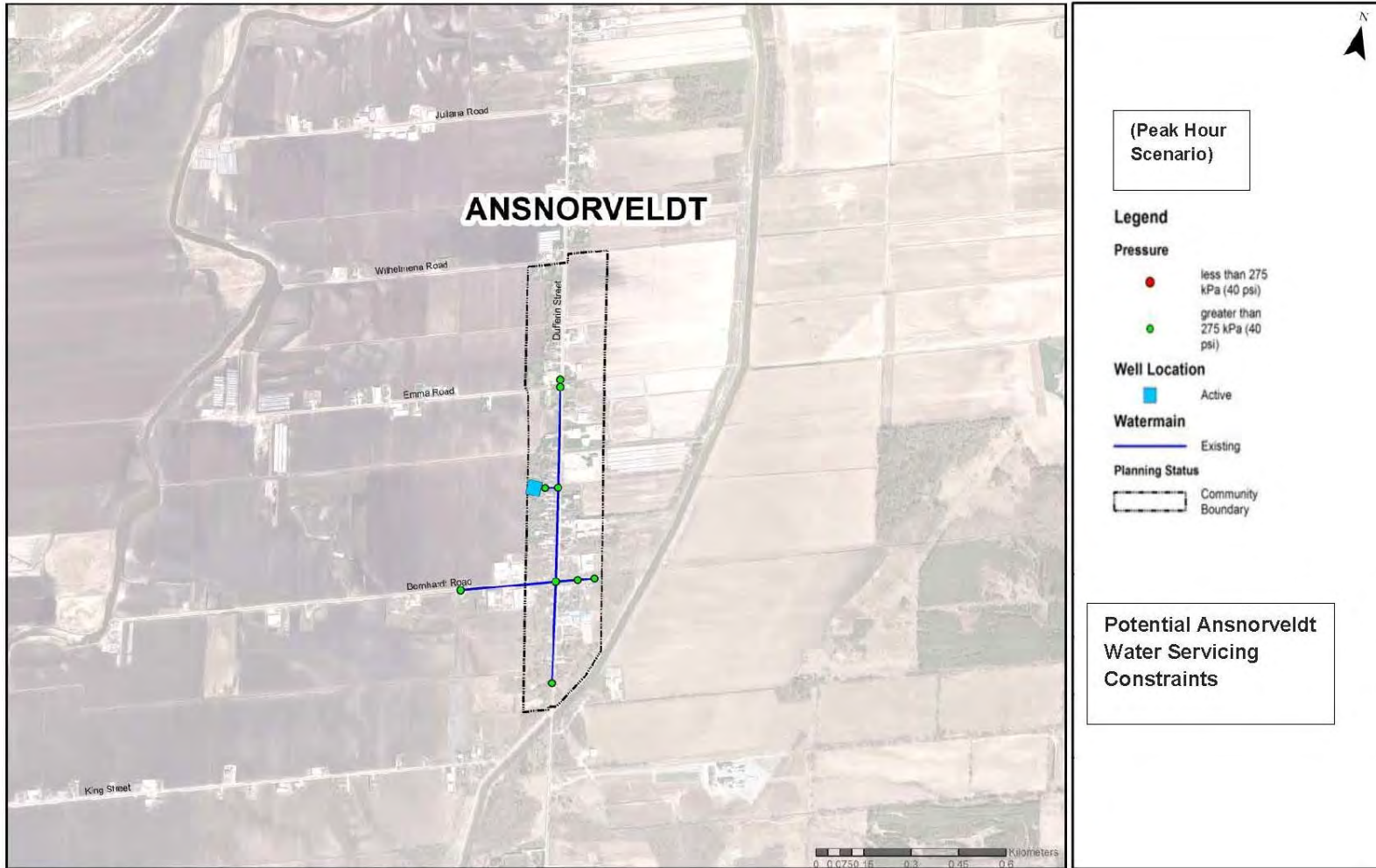












Document Path: G:\Projects\2014\14100 - King Township Master Plans\MAPS\PIC#2\Water\GA\_Ansnorveldt-Water Constraints.mxd

Project ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2018 Dollars)
W-K-1A	West King Watermain Looping (Jane Street Portion)	Providing sufficient fire flows at the minimum required pressure to support development of the employment lands.	A+	\$583,000
W-K-1B	West King Watermain Looping (Private lands portion)	Providing sufficient fire flows at the minimum required pressure to support development of the employment lands.	Exempt <sup>(1)</sup>	\$689,000
W-K-2	Kinghorn Road Watermain (Jane Street Portion)	Dead end water networks within developments west of Manitou Dr. and northeast of Jane St. and King Rd.	A+	\$424,000
W-K-2	Kinghorn Road Watermain (Private Lands Portion)	Dead end water networks within developments west of Manitou Dr. and northeast of Jane St. and King Rd.	Exempt <sup>(1)</sup>	\$212,000
W-K-3	Valley Point Crescent Watermain	Dead end water network at Valley Point Cres.	Exempt <sup>(1)</sup>	\$106,000
W-K-4	Dufferin Street Watermain	Servicing of future development in northeast King City and Country Day School	A+	\$1,484,000
W-K-5	15th Sideroad Watermain	Servicing of future development in northeast King City and Seneca College	A+	\$1,696,000
W-K-6	Mary Lake Estates Watermain [Completed]	Security of supply to approved development.	Exempt <sup>(1)</sup>	\$318,000
W-N-1	Crestview Road Watermain	Dead end water network at Crestview Rd.	Exempt <sup>(1)</sup>	\$132,500
W-S-1	Roselena Drive Watermain	Low available fire flows along Roselena Dr.	Exempt <sup>(1)</sup>	\$291,500

*1. This project is to be undertaken by Private Sector developers and considered exempt from the EA Act.*

Project ID	Description	Trigger	Anticipated Class EA Schedule	Estimated Cost (2018 Dollars)
WW-K-1	King Road and Keele Street Sewer Upgrade	Development of northeast King City, and lands along 15th Side Road (including Seneca College and Country Day School)	A+	\$1,166,000
WW-K-2	Northeast Pumping Station and Forcemain	Development of northeast King City, (including Country Day School)	Exempt <sup>(1)</sup>	\$5,300,000
WW-K-3	Keele Street Sewer [Completed]	New gravity sewers are required to service lands along 15th Side Road (including Seneca College)	A+	\$1,484,000
WW-K-4	Northwest King City Sewer	Potential future servicing of the currently-developed lands in northwest King City	Deferred <sup>(2)</sup>	\$1,484,000
WW-K-5	Southwest King City Sewer	Potential future servicing of the currently-developed lands in southwest King City	Deferred <sup>(2)</sup>	\$1,590,000
WW-N-1	King Road and Hwy 27 Sewer Upgrade	Developments in West Nobleton (Growth Areas 2 and 9)	A+	\$1,166,000
WW-N-2	Wellar Avenue Sewer Upgrade	Developments in East and North Nobleton (Growth Areas 4 and 10)	A+	\$1,160,000
WW-N-3	Parkheights Trail Sewer Upgrade	Developments in East and North Nobleton (Growth Areas 4 and 10)	A+	\$1,400,000
WW-S-1	Main Street Sewer Upgrade	Currently undersized, based on the Township's Design Criteria.	A+	\$1,000,000
WW-S-2	Dr. Kay Drive Sewer Upgrade East of Dr. Kay Sewage Pumping Station	Currently undersized, based on the Township's Design Criteria.	A+	\$1,150,000
WW-S-3	Main street Sewer Upgrade South of Church St.	Developments near Main St and Cooper Dr. (Growth Area 5)	A+	\$1,150,000

1. This project is to be undertaken by Private Sector developers and considered exempt from the EA Act.

2. As there is no current plan to service these already-developed lands, a separate Class EA should be undertaken if servicing is determined to be required.

This Master Plan establishes the ultimate servicing strategy for this existing neighbourhood, based on the existing development density. The design capacity of the Kingsview Sewage Pumping Station (which would receive flow from this neighbourhood) is not limiting the serviceability of these lands.

## Master Plans Followed the Class Environmental Assessment Process

- Ensures that all reasonable Alternatives are considered
- Public and Stakeholder Consultation is Mandatory
- Decision includes reviewing impacts to various Elements of the 'Environment'

## High-Level Outcomes

- Overall, King Township's Water and Wastewater systems are appropriately sized to accommodate the planned growth of the communities

## Required Upgrades

- Some network upgrades are required, and these will be funded by development

- **This is a Plan** – It will guide Staff over time in terms of reviewing development applications with respect to serviceability of individual proposals. It also establishes where new infrastructure will service multiple landowners/developments
- **This is a “Living” Plan**, and it will be reviewed and updated over time as Planning projections evolve.
- The identified projects will be studied further to determine exactly **when they need to be implemented**, and whether there are opportunities to mitigate the need to proceed.

Task	Timing (approx.)
Host On-Line Public Consultation (Webinar Format)	May 25, 2020
Council Working Session (following this Webinar)	May 25, 2020
Receive and Address Public/Stakeholder Comments	June 16, 2020
Finalise the Master Servicing Plan	June 22, 2020
Public Notice of Study Completion	July 9, 2020
30-Day Public Review of the Report	July-August 2020
Implement the Recommendations (Township)	(Ongoing)



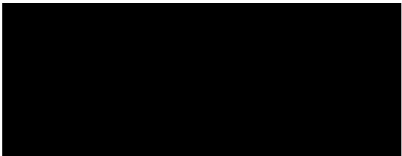
# Live Web Event Attendee Report

Prefix	First Name	Last Name	Email	Home Address 1	Home Address 2	Home City	Home State/Province	Home Postcode	Home Country	Home Phone	Mobile Phone	In which community do you reside?	How do you intend to Participate?	Company
												Other	Online - Computer/Mobile	Schaeffer & Associates Ltd.
												Other	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	University of Technology
												Nobleton	Online - Computer/Mobile	WSP
												Other	Online - Computer/Mobile	
												Nobleton	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	The Remington Group Inc.
												King City	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	Schaeffer & Associates Ltd.
												Nobleton	Offline - Review Independently	
												Other	Online - Computer/Mobile	
												King City	Online - Computer/Mobile	
												Other	Online - Computer/Mobile	Waterford City & County Council
												Nobleton	Online - Computer/Mobile	Tribute Communities
												Other	Online - Computer/Mobile	Township of King
												Other	Online - Computer/Mobile	Aplin Martin
												Other	Online - Computer/Mobile	
												Nobleton	Online - Computer/Mobile	King
												King City	Online - Computer/Mobile	
													Online - Computer/Mobile	
													Online - Computer/Mobile	WSP
													Online - Computer/Mobile	Paradise Developments
													Online - Computer/Mobile	Armlandgroup


# Live Event Q&A

Source	Type	Identity	Content
Attendee	Question	Anonymous (Unverified)	
Attendee	Question	Anonymous (Unverified)	Do we know when the Nobleton expansions on water supply and wastewater treatment are planned for by the Region?
Attendee	Question	Anonymous (Unverified)	Water Servicing Constraints - where the fire flows are less than ideal (shown in red) is this modelled using the existing water dsitribution systems, or with the proposed (future) water distribution systems?
Attendee	Question	Anonymous (Unverified)	Water Servicing Constraints - where the fire flows are less than ideal (shown in red) is this modelled using the existing water dsitribution systems, or with the proposed (future) water distribution systems?
Moderator	Response	Vardhini Parvatham	Water servcing constrains map is showing the futer demands on the existing water distribution system. This is to understand the area in need to improvements. (Water Servicing Constraints - where the fire flows are less than ideal (shown in red) is this modelled using the existing water dsitribution systems, or with the proposed (future) water distribution systems?)
Attendee	Question	Anonymous (Unverified)	Has allocation been given for the development areas being noted as "Designated"?
Attendee	Question	Anonymous (Unverified)	Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?
Attendee	Response	Anonymous (Unverified)	Is anyone there?(Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?)
Moderator	Response	KingWaterMasterPlans	Yes - still working on the response(Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?)
Attendee	Response	Anonymous (Unverified)	Thanks(Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?)
Attendee	Response	Anonymous (Unverified)	Might this be an area for more conservation? Built too small the first time?(Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?)
Attendee	Response	Anonymous (Unverified)	Thank you very much. Susan Beharriell(Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?)

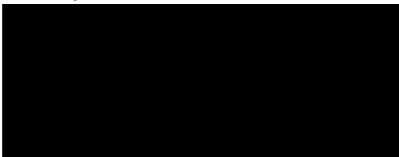
# Live Event Q&A

Attendee Question	Anonymous (Unverified)	Can you explain the specifics of the Crestview Road Watermain project? Is this connection into the future development within the Boynton Farm lands?
Attendee Question	Anonymous (Unverified)	Has allocation been given for the development areas being noted as "Designated"?
Moderator Response	Vardhini Parvatham	Allocation has not been given for the Designated areas, the development application would fall under the the approval through Planning(Has allocation been given for the c areas being noted as "Designated"?)
Attendee Question	Anonymous (Unverified)	Do we know when the Nobleton expansions on water supply and wastewater treatment are planned for by the Region? Notices/water%20and%20wastewaterservicingin%20thenobletoncommunity/!ut/p/z1/tZdNU9swElb_Cj3kaCRL_IB6c00S2yE1FALEF8YfsqNiS8FWkubfVwnM0A4koQX5IktevZ uQMLTFatSyQRPa9WfJc79JLRhiH0YxWcDar3p8GaMp1MEYwxudwYIWU5gKgMYxASGQ_fCPiOBCccIJOpz6I3CBir-RbxoQdJL0lugQMbgxuQgGSRswLMnJQSSkhp5P1- aVikQEzmWsQgZUFNbnI0be31jmXCzkHs017nwsuKZc9uBHtg-p0ksnlbiCt68Uyq1nOhWQ57XpwnUranqS8OFmnaS7bkfbFcsZrxg_kXPKRvZTKXgummbJmdw8H- _A_pP34IF7Hg8ew3N7jH9yWP52C-zIDnYGLx403b7y4Hf_-nKCElx5bfDKxRFIqIpKt-Hi8QyTCiQtLWIL29Nlq4bnUi66rz2ovLBen1ZCVDU9VZR78K0pc9FJcPe3JZgpEu4-
Moderator Response	Vardhini Parvatham	
Attendee Question	Anonymous (Unverified)	has improvement includes the "designated" development areas?
Attendee Question		Though living in the other side of the planet, I just would like to thank you for let me in this webinar, it is good to listen to your experience in this sector, wishing you all best your plan.
Moderator Response	Vardhini Parvatham	Thanks for your interests.
Attendee Question	Anonymous (Unverified)	Can you explain the specifics of the Crestview Road Watermain project? Is this connection into the future development within the Boynton Farm lands?
Moderator Response	Vardhini Parvatham	Crestview road watermain - addresses the low pressure and vulnerable to a watermain break by connection to watermain in development in Boynton lands. this is improved existing system along with servicing new development(Can you explain the specifics of the Crestview Road Watermain project? Is this connection into the future developme Boynton Farm lands?)
Attendee Question	Anonymous (Unverified)	Nobleton WW map. The property at the s/w corner at King Road and Witherspoon, south side of King Road. What property is this?
Attendee Question	Anonymous (Unverified)	there will be sanitary sewer extension to faciliate the designated area west of Hwy 27 south of 15 Sideroad, will this be included in the Master Plan?

# Live Event Q&A

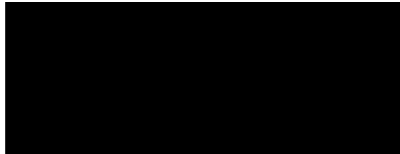
Attendee Question	Anonymous (Unverified)	when will the presentation be available or will it be emailed?
Attendee Question	Anonymous (Unverified)	when will the presentation be available or will it be emailed?
Moderator Response	Vardhini Parvatham	presentation and video will be available for public in project website and speaking website mostly by end of day tomorrow. (when will the presentation be available or will it be emailed?)
Attendee Question	Ian Hilley (Unverified)	Good afternoon & thank you for hosting this webinar. Is there a site where the slides can be reviewed over again please? Thank you.
Attendee Question	Anonymous (Unverified)	there will be sanitary sewer extension to facilitate the designated area west of Hwy 27 south of 15 Sideroad, will this be included in the Master Plan?
Moderator Response	Vardhini Parvatham	yes, that development will be connected to Town system as part of Master plan. (there will be sanitary sewer extension to facilitate the designated area west of Hwy 27 south of Sideroad, will this be included in the Master Plan?)
Attendee Question	Anonymous (Unverified)	I joined the presentation late. Are there any projects planned for King City?
Attendee Question	Anonymous (Unverified)	for nobleton area is there any timing for the Park height Trail sanitary sewer update?
Attendee Question		Good afternoon & thank you for hosting this webinar. Is there a site where the slides can be reviewed over again please? Thank you.
Moderator Response	Vardhini Parvatham	The presentation slides will be posted on project website and speaking page mostly by tomorrow end of day. (I(Anonymous) asked "Good afternoon & thank you for hosting this webinar. Is there a site where the slides can be reviewed over again please? Thank you.")
Attendee Question	Anonymous (Unverified)	The Nobleton WW map. What is the property located at the s/w corner of King Road and Witherspoon. Are these lands within the urban boundary?
Attendee Question	Anonymous (Unverified)	for nobleton area is there any timing for the Park height Trail sanitary sewer update?

# Live Event Q&A

Moderator Announcement	Vardhini Parvatham	<a href="https://forms.office.com/Pages/ResponsePage.aspx?id=_uwSTN1K7k-JcMfSUBdvysCclNUcukVAkj_UKraeog1UQOpRWEYzUFVYT0tQTjRORIIWQVY4NjI5TC4u">https://forms.office.com/Pages/ResponsePage.aspx?id=_uwSTN1K7k-JcMfSUBdvysCclNUcukVAkj_UKraeog1UQOpRWEYzUFVYT0tQTjRORIIWQVY4NjI5TC4u</a>
Attendee Question	Anonymous (Unverified)	I joined the presentation late. Are there any projects planned for King City?
Moderator Response	Vardhini Parvatham	yes there are a number of projects. and we will do a run through King city presentation for you. (I joined the presentation late. Are there any projects planned for King City?
Attendee Question	Anonymous (Unverified)	has improvement includes the "designated" development areas?
Attendee Question	Anonymous (Unverified)	with regards to the timing of the improvment works is the works be done by the Developers and DC Credited or Town will prepare RFP concurrently with the development of the designated area?
Attendee Question	Anonymous (Unverified)	Given that the Park Heights development was just recently built in Nobleton, why are so many upgrades already needed?
Attendee Question		How close to capacity is the waste water treatment plant BEFORE the addition of any new projects?
Attendee Question	Anonymous (Unverified)	The Nobleton WW map. What is the property located at the s/w corner of King Road and Witherspoon. Are these lands within the urban boundary?
Moderator Response	Vardhini Parvatham	yes it is included in the new official plan(The Nobleton WW map. What is the property located at the s/w corner of King Road and Witherspoon. Are these lands within the urban boundary?)
Attendee Question	Anonymous (Unverified)	with regards to the timing of the improvment works is the works be done by the Developers and DC Credited or Town will prepare RFP concurrently with the development of the designated area?
Moderator Response (Archiv	Vardhini Parvatham	yes it is included in the new official plan(with regards to the timing of the improvment works is the works be done by the Developers and DC Credited or Town will prepare RFP concurrently with the development of the designated area?)
Attendee Question	Anonymous (Unverified)	Nobleton WW map. The property at the s/w corner at King Road and Witherspoon, south side of King Road. What property is this?

# Live Event Q&A

Attendee Question



How close to capacity is the waste water treatment plant BEFORE the addition of any new projects?

Attendee Question

Anonymous (Unverified)

for the sanitary capacity constraint, was it based on monitoring or therotical?

Attendee Question

Anonymous (Unverified)

for the sanitary capacity constraint, was it based on monitoring or therotical?

Moderator Response (Archiv Vardhini Parvatham

Based on Theoretical - question for the sanitary capacity constraint, was it based on monitoring or therotical?

Moderator Announcement Vardhini Parvatham

Please do provide your comments in the link below.

Moderator Announcement Vardhini Parvatham

[https://forms.office.com/Pages/ResponsePage.aspx?id=\\_uwSTN1K7k-JcMfSUBdvysCclNUcukVAkj\\_UKraeog1UQ0pRWEYzUFVYT0tQTjRORIIWQVY4Nji5TC4u](https://forms.office.com/Pages/ResponsePage.aspx?id=_uwSTN1K7k-JcMfSUBdvysCclNUcukVAkj_UKraeog1UQ0pRWEYzUFVYT0tQTjRORIIWQVY4Nji5TC4u)

Moderator Announcement Vardhini Parvatham

Broadcast will end shortly.

Moderator Announcement Vardhini Parvatham

Please do send in your queries to email. [wpinkney@king.ca](mailto:wpinkney@king.ca),

# Live Event Comments form Responses

<b>First Name</b>	
<b>Last Name</b>	
<b>Address</b>	
<b>City</b>	
<b>Postal Code</b>	
<b>E-mail:</b>	
<b>Phone:</b>	
<b>Did you attend the previous Public Consultation Centre (July 2015)?</b>	No
<b>How would you prefer to receive information?</b>	E-mail;
<b>What was the most valuable part of this Public Consultation Centre?</b>	Viewing the Information boards presented;The project team explanation;Providing feedback regarding the project;
<b>Did you find the presentation helpful and informative?</b>	No
<b>If not, what additional information would you like to receive?</b>	it a bit hard with read the detail on the online meeting
<b>Are you satisfied with the outcome of the Master Servicing Plan?</b>	would like to see the report.
<b>How could we improve this virtual Public Consultation Center in the future?</b>	the figures are a bit hard to read due to resolution.

# Live Event Comments form Responses

<b>First Name</b>	
<b>Last Name</b>	
<b>Address</b>	
<b>City</b>	
<b>Postal Code</b>	
<b>E-mail:</b>	
<b>Phone:</b>	
Did you attend the previous Public Consultation Centre (July 2015)?	Yes
How would you prefer to receive information?	E-mail;
What was the most valuable part of this Public Consultation Centre?	The project team explanation;
Did you find the presentation helpful and informative?	Yes
If not, what additional information would you like to receive?	
Are you satisfied with the outcome of the Master Servicing Plan?	Yes
How could we improve this virtual Public Consultation Center in the future?	



# Live Event Comments form Responses

<b>First Name</b>	
<b>Last Name</b>	
<b>Address</b>	
<b>City</b>	
<b>Postal Code</b>	
<b>E-mail:</b>	
<b>Phone:</b>	
Did you attend the previous Public Consultation Centre (July 2015)?	No
How would you prefer to receive information?	E-mail;
What was the most valuable part of this Public Consultation Centre?	Viewing the Information boards presented;The project team explanation;Providing feedback regarding the project;
Did you find the presentation helpful and informative?	Yes
If not, what additional information would you like to receive?	
Are you satisfied with the outcome of the Master Servicing Plan?	Not familiar with this plan.
How could we improve this virtual Public Consultation Center in the future?	Could not register, but staff assisted. Well done!

# Live Event Comments form Responses

<b>First Name</b>
<b>Last Name</b>
<b>Address</b>
<b>City</b>
<b>Postal Code</b>
<b>E-mail:</b>
<b>Phone:</b>

Did you attend the previous Public Consultation Centre (July 2015)?	No
How would you prefer to receive information?	E-mail;
What was the most valuable part of this Public Consultation Centre?	Can ask questions;Viewing the Information boards presented;Providing feedback regarding the project;
Did you find the presentation helpful and informative?	Yes
If not, what additional information would you like to receive?	
Are you satisfied with the outcome of the Master Servicing Plan?	on May 25, 2020. It was informative and helpful. We would like to thank the Township for the opportunity to comment on it on behalf of our client, Nobleton York.
How could we improve this virtual Public Consultation Center in the future?	

## Vardhini Parvatham

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**From:** Wayne Pinkney <wpinkney@king.ca>  
**Sent:** Monday, June 15, 2020 10:08 AM  
**To:** Vardhini Parvatham  
**Cc:** Kevin Brown  
**Subject:** FW: Township of King 2020-Water Wastewater Master Plan  
**Attachments:** Letter from New Scotland Group Incorporated Water-Wastewater Master Plan.pdf

Hi Vardhini,

Please find attached document submitted for the MSP. Please add as a stakeholder...

Regards,

### Wayne Pinkney C.E.T.

Project Manager  
2585 King Road – **New Address**  
King City, ON L7B 1A1  
905-833-4575

**Attention- Office/Facility Closure- Attention**

#### **NOTICE:**

Due to the fact all levels of government are enacting stricter containment measures to slow the spread of COVID-19, King Township is extending the closure of its facilities and cancellation of recreational programs until further notice. This decision was made with guidance from York Region Public Health, the Province of Ontario and the Government of Canada in order to slow the spread of COVID-19 and to protect our citizens and staff. All essential services will continue, including Fire and Emergency Services, water, wastewater, waste collection and road and sidewalk maintenance. Some non-essential services may be impacted. Please regularly visit King's [COVID-19](#) and [COVID-19 Impacted Services](#) website pages as information is updated frequently as the situation continues to unfold. Citizens can still do business with King on our website at, by phone at 905-833-5321 or by email at [serviceking@king.ca](mailto:serviceking@king.ca).

We thank the public for their patience.



The information contained in this message is directed in confidence solely to the person(s) named above and may not be otherwise distributed, copies or disclosed. This message may contain information that is privileged, confidential and exempt from disclosure under the Municipal Freedom of Information and Protection of Privacy Act. If you have received this message in error, please notify the sender immediately advising of the error and delete the message without making a copy. Thank you.

Please consider the environment before printing.

**From:** [REDACTED]  
**Sent:** Monday, June 15, 2020 9:49 AM  
**To:** Wayne Pinkney  
**Subject:** Township of King 2020-Water Wastewater Master Plan

**CAUTION:** This email originated from **outside your organization**. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good morning Wayne,

Please see attached letter, we are in support of the Township of King 2020 Water-Wastewater Master Plan and would like to be updated on the progress of the project.

Kindest regards,



Notice of Confidentiality: This transmission contains information that may be confidential and that may also be proprietary: unless you are the intended recipient of the message (or authorized to receive it for the intended recipient) you may not copy, forward, or otherwise use it, or disclose its contents to anyone else. If you have received this transmission in error, please notify us immediately and delete it from your system. Laceby Real Estate Limited

## Vardhini Parvatham

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**From:** Wayne Pinkney <wpinkney@king.ca>  
**Sent:** Monday, June 15, 2020 2:59 PM  
**To:** Vardhini Parvatham  
**Cc:** Kevin Brown; Carolyn Ali  
**Subject:** FW: 4038 Nobleton York Holdings Inc. Water/Wastewater Master Plan Environmental Assessment  
**Attachments:** Pages from Public Consultation 3 (PCC).pdf; 2019-09-16-4038-FSR no appendix.pdf; 4038.pdf

Hi Vardhini,

For the project file and perhaps TMIG has a history regarding this development. If TMIG can prepare a response to Schaeffer's in Draft for the Township Staff to review

Regards,

### Wayne Pinkney C.E.T.

Project Manager  
2585 King Road – **New Address**  
King City, ON L7B 1A1  
905-833-4575

**Attention- Office/Facility Closure- Attention**

#### **NOTICE:**

Due to the fact all levels of government are enacting stricter containment measures to slow the spread of COVID-19, King Township is extending the closure of its facilities and cancellation of recreational programs until further notice. This decision was made with guidance from York Region Public Health, the Province of Ontario and the Government of Canada in order to slow the spread of COVID-19 and to protect our citizens and staff. All essential services will continue, including Fire and Emergency Services, water, wastewater, waste collection and road and sidewalk maintenance. Some non-essential services may be impacted. Please regularly visit King's [COVID-19](#) and [COVID-19 Impacted Services](#) website pages as information is updated frequently as the situation continues to unfold. Citizens can still do business with King on our website at, by phone at 905-833-5321 or by email at [serviceking@king.ca](mailto:serviceking@king.ca).

We thank the public for their patience.



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 Please consider the environment before printing.

**From:** [REDACTED]  
**Sent:** Monday, June 15, 2020 2:48 PM  
**To:** Wayne Pinkney  
**Cc:** [REDACTED]; kingwatermasterplans@tmig.ca  
**Subject:** 4038 Nobleton York Holdings Inc. Water/Wastewater Master Plan Environmental Assessment

**CAUTION:** This email originated from **outside your organization**. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good afternoon Wayne,

In reference to the Water and Wastewater Master Plan EA presentation on May 25, 2020, please find attached formal feedback letter with the inclusion of support documents as mentioned in the online comments form submitted by myself for your review and consideration. Thank you.

Regards,



Due to the current Covid-19 crisis, we have taken steps to stop the spread of the virus and protect the health and safety of our staff, clients, and business associates. Schaeffers staff have been working remotely from home and will continue to serve our clients by email, telephone, and video conference. We still strive to provide the highest level of professional service during these challenging times. Thank you for your understanding and support.

June 8, 2020

Our File: 2013-4038

Township of King  
Operation Department  
2585 King Road  
King City, Ontario  
L7B 1A1



**SCHAEFFERS**  
CONSULTING ENGINEERS

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6 Ronrose Drive, Concord, Ontario L4K 4R3  
Tel: (905) 738-6100 Fax: (905) 738-6875  
Tor. Line: (416) 213-5590 E-mail: [general@schaeffers.com](mailto:general@schaeffers.com)

**Attn: Mr. Wayne Pinkney, C.E.T.  
Project Manager**

**RE: Water and Wastewater Master Plan Environmental Assessment (“EA”)  
Proposed Residential Subdivision (the “Proposed Development”)  
Southeast Quadrant of Hwy 27 and 15th Sideroad  
Nobleton York Holdings Inc. (“Nobleton York”)**

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Thank you for the EA presentation held virtually on May 25, 2020. It was informative and helpful. We would like to thank the Township for the opportunity to comment on it on behalf of our client, Nobleton York.

In the presentation, specifically the wastewater section of the Nobleton area (page 16), it was indicated that there are surcharges (red colored line) on the Park Height Trail sanitary sewer between Black Duck Trail and Anderson Cove Trail; also, it was indicated that flows at various sections of the sanitary sewer within the existing Noble Ridge Communities are between 80% and 100% of capacity (*viz.*, Paradise Valley Trail between Coppermine Court and Samson Trail, the Park Height Trail between Blueberry Run Trail and Samson Trail, and the Park Height Trail between West Coast Trail and Anderson Cove Trail).

**Can you please provide us with the information used to conclude that the Park Heights Trail sewer is surcharging?** Based upon the as-built records submitted to the Township, and applying the Township’s theoretical flow rate to the existing conditions, the sewer should currently only be at 70% capacity. It should not be surcharging. **If it is not, we ask that the EA presentation and record be corrected.**

In addition, we prepared a functional servicing report (“FSR”) for the Proposed Development (*Functional Servicing Report – Proposed Nobleton York Holdings Inc. Residential Subdivision, September 2019*). It included downstream analysis using the theoretical flow rate to assess capacity of the existing sewers. **Did the Township consider this information in the Master Plan analysis?**

On the same note, we wish to inform the Township that the Proposed Development is within the urban boundary, and that our client has submitted an application for approval of a draft plan of subdivision on its lands, the supporting documents for which include the above-mentioned FSR.

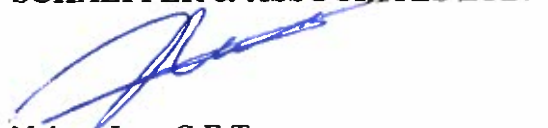
Additionally, if the Township hasn't already done so, **we urge it to conduct flow monitoring to identify the actual capacity available in the existing system.** We believe that this is an appropriate course of action, and an essential part of a complete and thorough EA process.

According to the May 25 presentation, any improvement work deemed to be required by the Master Plan and or flow monitoring exercise will most likely be done concurrent with new development. If this is the case, **how does the Township propose to reimburse front-ending developers for these costs?** Will it be through development charge credits, or some other financial arrangement?

Our client is very supportive of the Township and Region wastewater system improvement initiative. We look forward to the final EA report.

We trust that you will find the foregoing of assistance. Should you have any questions or require further information, please contact our office at your earliest convenience.

Yours truly,  
**SCHAEFFER & ASSOCIATES LTD.**



Nelson Lee, C.E.T.  
Partner

c.c.: Mr. Filipe Dias, Nobleton York  
Mr. Joe Valela, Nobleton York

(F:\4038\4038-Correspondence\4038-letter(Township-Water&WastewaterMasterPlanEA-Presentation)-20-06-15.doc)



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July 29, 2020

Nelson Lee  
Partner  
Schaffer & Associates Ltd.  
6 Ronrose Drive  
Concord  
ON L4K 4R3

Dear Mr Nelson Lee

**Re: King Township Water Wastewater Master Plan  
Response to Comment Letter Dated June 8, 2020  
Proposed Subdivision in South Quadrant of Hwy 27 and 15<sup>th</sup> Sideroad**

Thank you for your comment on our Public information update session on May 25<sup>th</sup>, 2020.

On behalf of the Township of King, below are our responses to the questions which you forwarded to the Township on June 8th.

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**Question 1**

***Can you please provide us with the information used to conclude that the Park Heights Trail sewer is surcharging? Based upon the as-built records submitted to the Township and applying the Township's theoretical flow rate to the existing conditions, the sewer should currently only be at 70% capacity. It should not be surcharging. If it is not, we ask that the EA presentation and record be corrected.***

**Response**

Initially the flow from Nobleton York subdivision was to be routed via the existing Bluff Trail Sewage Pumping station, and then through Park Heights Trail Sewer. After reviewing the FSR submitted, we have updated the Masterplan to reflect the actual connection point to the gravity sewer which drains directly south, avoiding the Bluff Trail SPS. The identified surcharging in sewer downstream of the SPS is therefore removed. Please find the updated Master Plan figure attached.

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**Question 2**

***Additionally, if the Township hasn't already done so, we urge it to conduct flow monitoring to identify the actual capacity available in the existing system. We believe that this is an appropriate course of action, and an essential part of a complete and thorough EA process.***

**Response**

Yes, King Township is considering conducting sewer flow monitoring in existing sewers. This program is being conducted as part of another study in the area. The Master Plan recommendations are identified through the Township's approved design criteria and level-of-service, so the identified projects will remain as part of the ultimate Master Plan recommendations. The results of the flow monitoring program may justify deferring the project.

### Question 3

*According to the May 25 presentation, any improvement work deemed to be required by the Master Plan and or flow monitoring exercise will most likely be done concurrent with new development. **If this is the case, how does the Township propose to reimburse front-ending developers for these costs? Will it be through development charge credits, or some other financial arrangement?***

### Response

Township will conduct a Development Charges Study and draft a DC By-Law. Reimbursing Front-End developers will be addressed through the DC By-Law.

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We trust that you will find the responses satisfactory. Should you have any questions please contact our office.

Sincerely,



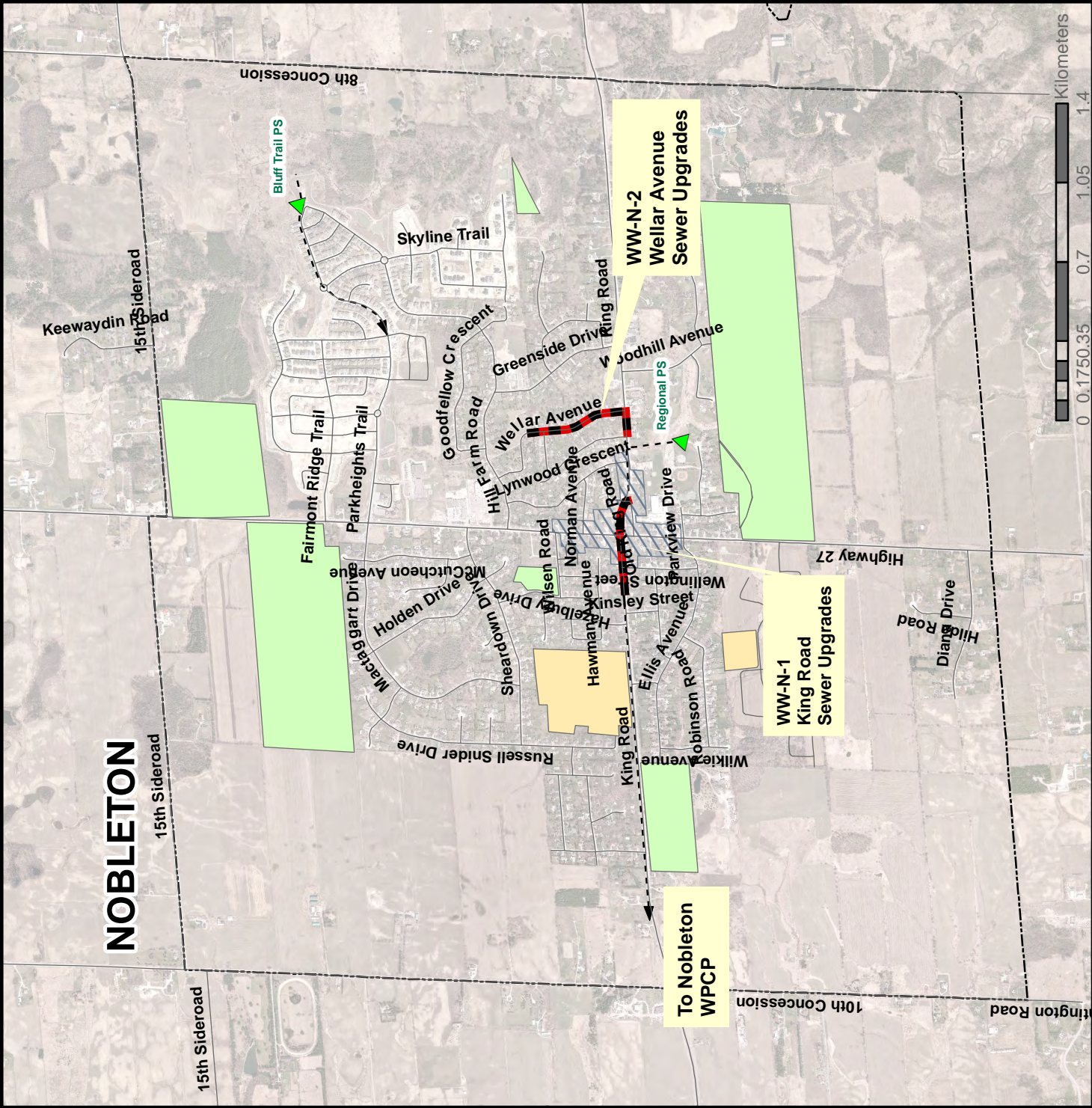
Kevin Brown, P.Eng.  
Project Manager  
**The Municipal Infrastructure Group Ltd**  
[KBrown@tmig.ca](mailto:KBrown@tmig.ca)



Wayne Pinkney, C.E.T.  
Project Manager  
**Township of King**  
[WPinkney@king.ca](mailto:WPinkney@king.ca)

Encl: Wastewater Projects Map

<b>Legend</b> Existing SPS Existing Forcemain Future Upgrades <b>Pipe</b> Q_OVER_Q < 80% capacity 80 - 100% Capacity > 100% Capacity <b>Planning_Status</b> Approved Designated Intensify Community Boundary	<b>Figure No.:</b> <b>8-5</b>
	<b>Date:</b> <b>July 2020</b>
<b>Figure Title:</b> <b>Nobleton Wastewater System Master Plan Projects</b>	
<b>Township of King Water Wastewater Master Plan</b>	





**NOTICE OF COMPLETION**  
**WATER/WASTEWATER MASTER PLAN**



The Township of King has identified the potential need for new water and wastewater projects to accommodate approved growth within the Township of King.

The Township of King has undertaken a Class Environmental Assessment (Class EA) study for this project in accordance with **Schedule 'B'** of the *Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011 & 2015)*. Public consultation is a key component of the Master Plan process.

**PREFERRED SOLUTIONS**

The Preferred Water Servicing Solution is to expand and enhance the existing water distribution system. The Project File identifies 8 water system improvement projects that should be implemented to accommodate the planned growth.

The Preferred Wastewater Servicing Solution is to expand and enhance the existing wastewater collection system. The Project File identifies 11 wastewater system improvement projects that should be implemented to accommodate the planned growth.

The Water and Wastewater Projects fall into the following categories:

• **SCHEDULE A AND A+ PROJECTS:** The Master Plan Class EA fulfills the review requirements for these infrastructure improvement projects, and these projects are considered pre-approved and may proceed to design and construction.

A Project File has been prepared. The report details the problem/opportunity statement, the evaluation of alternative solutions and the preferred solutions, as well as public and agency consultation conducted during the study. The report is available for public review and comment at Township's website and will be open for comments from **July 30, 2020 to August 31, 2020**.

In the wake of COVID-19 restrictions, the Project File Report can be accessed through <http://www.king.ca/WaterMasterPlans/Pages/default.aspx>. If a printed copy is required, please contact the Township to coordinate a curbside pick-up of a printed copy at one of the following locations (arrangements to be coordinated three business days in advance, please):

**King Township**  
2585 King Road, King City  
By Appointment

**Nobleton Library**  
8 Sheardown Dr., Nobleton  
By Appointment

**Schomberg Library**  
77 Main St., Schomberg  
By Appointment

Interested persons may provide written comments to the King Township Representative listed below within the review period:

**Mr. Wayne Pinkney, C.E.T., King Township Public Works**  
2585 King Road, King City, ON. L7B 1A1.

If concerns cannot be resolved through discussions with the Township of King, a person may request the Minister of the Environment, Conservation and Parks issue a Part II Order requesting this project comply with Part II of the *Environmental Assessment Act*. **A Part II Order Request must be received by the Minister at the address below no later than August 31, 2020.**

**Honourable Minister**  
**Ministry of the Environment, Conservation and Parks**  
777 Bay Street, 5<sup>th</sup> Floor, Toronto, ON M7A 2J3

A copy of any Part II Order Request must also be sent to:

**Township of King**  
**Clerk's Department**  
2585 King Road, King City, ON L7B 1A1

**Director, Environmental Assessment Branch**  
**Ministry of the Environment, Conservation and Parks**  
135 St. Clair Avenue West, 1st Floor  
Toronto ON M4V 1P5

*Please note that information related to these studies will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments received will become part of the public record. Thank you for your interest in these studies.*