

# **B3.** Notice of PIC No. 2

- Notice
- Municipal Project Website
- Property Owner/Indigenous Community/Agency/Stakeholder Notification Letters / Emails
- PIC No. 2 Material
- Comments Received / Response Provided



## **Notice**



# TOWN OF MIDLAND Waterworks Master Plan Update Notice of Public Information Centre No. 2

#### The Project

In November 2018 the Town of Midland initiated an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. The proposed update to the existing Waterworks Master Plan will provide a comprehensive water servicing infrastructure plan for the community for the next 20 years and will also support the Town's Official Plan Review and Development Charges Study currently underway. Background information pertaining to this project was presented via Public Information Centre (PIC) No. 1 in an online format made available on the municipality's website at <a href="https://www.midland.ca">www.midland.ca</a> starting February 6, 2019.

#### **The Process**

This undertaking is being completed in accordance with the *Municipal Class Environmental Assessment (Oct. 2000, as amended 2007, 2011 & 2015)* with the intent of addressing Phases 1 and 2 of the Class EA process thereby fulfilling the

requirements for the Schedule 'A', 'A+', and 'B' projects identified within the document. The final notice for this Master Plan update will be considered the *Notice of Completion* for the Schedule 'B' projects.

### Public Information Centre (PIC) No. 2

Following PIC No. 1 and a review of comments received, the municipality has confirmed the deficiencies affecting the water system and developed a series of alternative solutions to address these deficiencies. A second PIC is now scheduled to allow all interested parties an opportunity to review the solutions under consideration and to discuss the project further with the study team. PIC No. 2 will utilize an informal, drop-in style format and is scheduled as follows:

**Date:** Thursday, May 30, 2019. **Time:** 5:00 p.m. to 8:00 p.m.

**Location:** North Simcoe Sports and Recreation Centre

527 Len Self Boulevard Midland, ON L4R 5N6

#### **Comments Invited**

Public input is encouraged throughout this process and will be given consideration during the planning and design of this project. The deadline for the submission of comments following PIC No. 2 will be **June 30, 2019.** Information will be collected in accordance

with the *Municipal Freedom* of *Information and Protection of Privacy Act*. Except for personal information, all comments will become part of the public record. To obtain additional information, provide comments, or to be placed on a mailing list for this project, please visit the project website at <a href="www.midland.ca">www.midland.ca</a> or contact either of the following members of the Project Team as follows:

Chuck Fiddy Manager Town of Midland 200 Bay Street

Midland, ON L4R 1J5

Tel: 705-526-4268 Ext. 4202 Fax: 705-528-6072

Email: cfiddy@midland.ca

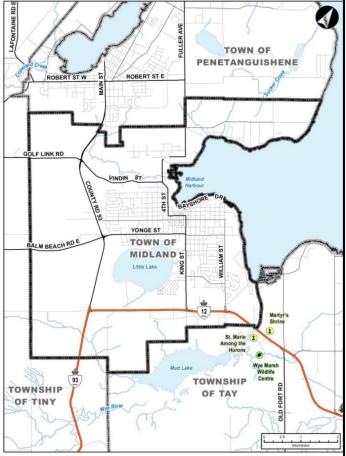
Andrea Potter, B.E.S. Senior Environmental Planner AECOM

55 Cedar Pointe Drive, Suite 620

Barrie, ON L4N 5R7 Tel: 705-797-3278 (Direct)

Fax: 705-734-0764

Andrea.Potter@aecom.com



This notice first issued May 16, 2019.



# Town of Midland Waterworks Master Plan Update Notice of Public Information Centre No. 2



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Chuck Fiddy Manager Town of Midland 200 Bay Street Midland, ON L4R 1J5 Tel: 705-526-4268 Ext. 4202

Fax: 705-528-6072 cfiddy@midland.ca

Andrea Potter, B.E.S. Senior Environmental Planner AECOM

55 Cedar Pointe Drive, Suite 620 Barrie, ON L4N 5R7

Tel: 705-797-3278 (Direct)

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527 Len Self Boulevard Midland, ON L4R 5N6

#### **Comments Invited**

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Fax: 705-528-6072 cfiddy@midland.ca

Andrea Potter, B.E.S. Senior Environmental Planner AECOM

55 Cedar Pointe Drive, Suite 620 Barrie, ON L4N 5R7

Tel: 705-797-3278 (Direct) Fax: 705-734-0764

1 ax. 705-754-0704

Andrea.Potter@aecom.com



Municipal Project Website



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(https://www.instagram.com/townofmidland/)

(https://www.youtube.com/channel/UCZyTTENGQfUuN7M6vwFjLFw)

Search

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LIVING IN MIDLAND (/PAGES/RESIDENTS.ASPX)

**TOWN HALL (/PAGES/TOWNHALL.ASPX)** 

COUNCIL (/PAGES/COUNCIL.ASPX)

<u>Midland (https://www.midland.ca)</u> > <u>Living in Midland (/Pages/residents.aspx)</u> > Waterworks Master Plan



**Public Information Centre (PIC) No. 2** 

PIC No. 2 will be held on Thursday, May 30, 2019, at the North Simcoe Sports and Recreation Centre, where residents will have the opportunity to see potential solutions to current deficiencies, and the next steps for the project. Residents will also be able to submit comments/feedback at the meeting or later through the contacts listed at the bottom of this page.

This is a drop-in style of meeting. There will be no formal presentation.

Waterworks Master Plan - Public Information Centre No. 2
Thursday, May 30, 2019
5:00 p.m. to 8:00 p.m.
North Simcoe Sports and Recreation Centre - 527 Len Self Boulevard, Midland

# **Background**

## **The Project**

The Town of Midland has retained the services of AECOM to undertake an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. The Town of Midland is identified as a Primary Urban Settlement Area in the Growth Plan for the Greater Golden Horseshoe (2017) and is anticipating continued growth and development in the community. The existing population of Midland is approximately 16,864 and is expected to reach 22,500 by the year 2031. The proposed update to the existing Waterworks Master Plan will provide a comprehensive water servicing infrastructure plan for the community for the next 20 years. It will also support the Town's Official Plan Review and Development Charges Study. The project study area includes the limits of the Town of Midland as well as a several key stakeholders located within the neighboring Tay Township (i.e. St. Marie Among the Hurons, Martyr's Shrine, and Wye Marsh Wildlife Centre) that are currently serviced by the Town of Midland.

## The Process

This undertaking will be completed in accordance with the Municipal Class Environmental Assessment (Oct. 2000, as amended 2007, 2011 & 2015) with the intent of addressing Phases 1 and 2 of the Class EA process thereby fulfilling the requirements for the Schedule 'A', 'A+', and 'B' projects identified within the document. The final notice for this Master Plan update will be considered the Notice of Completion for the Schedule 'B' projects.

## **Public Information Centre (PIC) No. 1**

PIC No. 1 will be presented in an online format with material available February 6, 2019 on the Town of Midland website. PIC No. 1 will introduce the project, outline the rationale behind it, identify existing deficiencies, and provide a brief overview of the Class EA process. The website will also include a location to submit comments and a water user questionnaire. A second PIC will be scheduled at a future date and advance notification will be provided.

## Click here

(/Shared%20Documents/Waterworks%20Master%20Plan%20page/605 93529%20Midland%20MP%20PIC%20No.%201%20Feb-05<u>2019%20FINAL.pdf</u>) to view the Midland Waterworks Master Plan PIC presentation.

## **Comments Invited**

Public input is encouraged throughout this process and will be given consideration during the planning and design of this project. The deadline for the submission of comments following PIC No. 1 will be February 22, 2019. Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Except for personal information, all comments will become part of the public record. To obtain additional information, provide comments, or to be placed on a mailing list for this project, please contact either of the following members of the Project Team as follows:

## **Chuck Fiddy**

Water/Wastewater Manager
Town of Midland
200 Bay Street
Midland, ON L4R 1J5
T: 705-526-4268 ext. 4202
F: 705-528-6072
cfiddy@midland.ca
(mailto:cfiddy@midland.ca)

## Andrea Potter, B.E.S.

Senior Environmental Planner AECOM

55 Cedar Pointe Drive, Suite 620 Barrie, ON L4N 5R7

> T: 705-797-3278 F: 705-734-0764

<u>Andrea.Potter@aecom.com</u> (mailto:Andrea.Potter@aecom.com)

Waterworks Master Plan
Public Information Centre #2
Click to view

(/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%2 0PIC%20No.%202%20May-24-2019%20FINAL%20rev 24x36.pdf)

(/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%2 0PIC%20No.%201%20Feb-05-2019%20FINAL.pdf)

> Waterworks Master Plan PIC 2 Comment Sheet Click to view

(/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%2 0PIC%20No.%202%20Comment%20Sheet%20DRAFT.pdf)

**Download/Print/Submit** 



(/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%2 OPIC%20No.%201%20Feb-05-2019%20FINAL.pdf)

## **Town of Midland Municipal** Office

575 Dominion Avenue, Midland,

ON L4R 1R2

Phone: 705-526-4275 Fax: 705-

526-9971

TTY: 705-526-4275 ext.2824

admin@midland.ca

(mailto:admin@midland.ca)

Monday to Friday 8:30 a.m - 4:30

p.m

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(/ layouts/15/Authenticate.aspx)

## **Scent Sensitivity in our** Workplace

The Town of Midland is a scent sensitive environment, we ask those who will be entering our facilities to please refrain from using or wearing scented products.

Thank you for your cooperation. Site Map (/sitemap) | Contact Us (/contact) | Staff

(https://portal.office.com/)



Property Owner / Indigenous Community / Agency / Stakeholder Notification Letters / Emails

# Agency Notification Letters

#### Town of Midland Waterworks Master Plan Update Notice of Public Information Centre No. 2 PROJECT CONTACT LIST

Title F	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Provincial & Federal Agencies										
Mr. F	Rob	Dobos	Manager, Environmental Assessment Section	Environment Canada - Environmental Protection Operations Division - Ontario Region	867 Lakeshore Road	P.O. Box 5050	Burlington, ON	L7R 4A6	905-336-4953	rob.dobos@ontario.ca
Ms. (	Chunmei	Liu	County of Simcoe)	Central Region Ministry of Environment, Conservation and Parks	5775 Yonge Street	8th Floor	North York, ON	M2M 4J1	416-326-4886	chunmei.liu@ontario.ca
Ms.	Cindy	Hood	District Manager	Barrie District Office Ministry of Environment, Conservation and Parks	54 Cedar Point Drive	Unit 1201	Barrie, ON	L4N 5R7	705-739-6436	cindy.hood@ontario.ca
Mr.	Shawn	Carey	District Manager	Midhurst District Ministry of Natural Resources and Forestry	2284 Nursery Road		Midhurst, ON	LOL 1X0	705-725-7561	shawn.carey@ontario.ca
Mr. L	Usman	Akhtar	Corridor Management Officer	Corridor Management Office Ministry of Transportation	159 Sir William Hearst Ave.	7th Floor	Toronto, ON	M3M 0B7	416-235-3509 direct 1-866-636-0663	usman.akhtar@ontario.ca
Ms.	Karla	Barboza	Team Lead, Heritage Program Unit	Programs and Services Branch Ministry of Tourism, Culture & Sport	401 Bay Street	Suite 1700	Toronto, ON	M7A 0A7	416-314-7120	karla.barboza@ontario.ca
Ms.	Carol	Neumann	Rural Planner	Ontario Ministry of Agriculture, Food and Rural Affairs	6484 Wellington Rd. 7	Unit 10	Elora, ON	N0B 1S0	519-846-3393	carol.neumann@ontario.ca
Mr.	John	Jeffery		Ontario Federation of Agriculture	100 Stone Road West	Ontario Agricentre, Suite 206	Guelph, ON	N1G 5L3		
Mr.	Jason	Mackenzie	Executive Director	Ontario Farmland Trust	50 Stone Road East	Richards Building	Guelph, ON	N1G 2W1		
Ms.	Julie	Cayley	Executive Director	Severn Sound Environmental Association	489 Finlayson Street	P.O. Box 460	Port McNicoll, ON	L0K 1R0	705-534-7283	JCayley@severnsound.ca
Ms.	Melissa	Carruthers	Risk Management Official / Risk Management Inspector	Severn Sound Environmental Association	489 Finlayson Street	P.O. Box 460	Port McNicoll, ON	L0K 1R0	705-534-7283 ext. 205	MCarruthers@severnsound.ca
Mr.	Chris	Hibberd	Director, Watershed Management Services	Nottawasaga Valley Conservation Authority	John Hix Administration Centre	8195 8th Line	Utopia, ON	LOM 1T0	705-424-1479 ext. 229	c.hibberd@nvca.on.ca
Mr.	Derrick	Toigo	Senior Vice President Rail Infrastructure Team	Infrastructure Ontario	777 Bay Street	6th Floor, Suite 602	Toronto, ON	M5G 2C8	416-327-0262	Derrick.Toigo@infrastructureontario.ca
Mr.	Chris	Gauer	Executive Vice President Major Projects, Roads & Transit	Infrastructure Ontario	777 Bay Street	6th Floor, Suite 602	Toronto, ON	M5G 2C8	416-327-8037	Chris.Gauer@infrastructureontario.ca
Mr.	Tim	Haldenby	Municipal Planning Advisor - Team Lead Central Ontario	Ministry of Municipal Affairs and Housing	777 Bay Street	13th Floor	Toronto, ON	M5G 2E5	416-585-6559	tim.haldenby@ontario.ca
Local Government, Adjacent Municipalities & Other Agencies										
Mr.	Christian	Meile	Director, Construction & Transportation Maintenance	County of Simcoe	1110 Highway 26 West		Midhurst, ON	LOL 1X0	705-726-9300	christian.meile@simcoe.ca
Mr.	Dave	Parks		County of Simcoe	1110 Highway 26 West		Midhurst, ON	LOL 1X0	705-726-9300	dave.parks@simcoe.ca
Ms.	Barb	Fox	Planning Officer	Simcoe Muskoka Catholic District School Board	46 Alliance Blvd.		Barrie, ON	L4M 5K3	705-722-3559 ext. 252	bdfox.smcdsb.on.ca
Ms.	Holly	Spacek	Planning Officer	Simcoe County District School Board	1170 Highway 26		Midhurst, ON	LOL 1X0	705-728-7570 ext. 11311	hspacek@scdsb.on.ca
Mr.	Miguel	Ladouceur	Director of Building, Maintenance and Planning	Conseil Scolaire Viamonde	116 Cornelius Parkway		Toronto, ON	M6L 2K5	1-416-614-5917	ladouceurm@csviamonde.ca
Ms.	Nathalie	Huard	Transportation Technician, Service de Transport Francobus	Association Franco-Ontarienne Des Conseils Scolaires Catholiques	138 rue Main Est	Bureau 205	Welland, ON	L3B 3W6	1-800-749-0002	huardn@francobus.ca
Mr.	Michael	Crawley	Transportation Coordinator	Simcoe County Student Transportation Consortium	64 Cedar Pointe Drive	Unit 1403	Barrie, ON	L4N 5R7	705-733-8965, ext. 113	mcrawley@scstc.ca
Att:			President	Simcoe County Historical Association		P.O. Box 144	Barrie, ON	L4M 4S9	705-796-7649	earl.elliott@rogers.com
Mr.	Robert	Lamb	Chief Administrative Officer	Township of Tay	450 Park Street	P.O. Box 100	Victoria Harbour, ON	L0K 2A0	705-534-7248 ext. 222	
Mr.	Peter	Dance	Director of Public Works	Township of Tay	450 Park Street	P.O. Box 100	Victoria Harbour, ON	L0K 2A0	705-534-7248 ext. 224	
Mr.	Doug	Luker	Chief Administrative Officer	Township of Tiny	130 Balm Beach Road West		Tiny, ON	LOL 2J0	705-526-4204 ext. 224	dluker@tiny.ca
Mr.	Tom	Leitch	Director of Public Works	Township of Tiny	130 Balm Beach Road West		Tiny, ON	LOL 2J0	705-526-4204 ext. 243	tleitch@tiny.ca
Mr.	Jeff	Lees	Chief Administrative Officer	Town of Penetanguishene	10 Robert Street West	P.O. Box 5009	Penetanguishene, ON	L9M 2G2	705-549-7453	
Mr.	Bryan	Murray	Director of Public Works	Town of Penetanguishene	10 Robert Street West	P.O. Box 5009	Penetanguishene, ON	L9M 2G2	705-549-7992	
Emergency Services										
Mr.	JC	Gilbert	Deputy Chief Operations	County of Simcoe Paramedic Services	1110 Highway 26		Midhurst, ON	LOL 1X0	705-726-9300	jc.gilbert@simcoe.ca
Mr.	Paul	Ryan	Director of Fire Services / Fire Chief	Midland Fire Department	550 Bayshore Drive		Midland, ON	L4R 5E7	705-526-4279 ext. 2239	pryan@midland.ca
Mr. E	Brian	Thomas	Fire Chief / Community Emergency Management Coordinator	Tay Township Fire Department	450 Park Street	P.O. Box 100	Victoria Harbour, ON	L0K 2A0	705-534-7248 ext. 245	
Mr.	Ray	Millar	Director of Fire and Emergency Services / Fire Chief	Township of Tiny Fire and Emergency Services	130 Balm Beach Road West		Tiny, ON	LOL 2JO	705-322-1161	rmillar@tiny.ca
Mr.	Paul	Potter	Acting Staff Sergeant	Southern Georgian Bay OPP	P.O. Box 250		Midland, ON	L4R 4K8	705-526-3761	paul.potter@opp.ca

#### Town of Midland Waterworks Master Plan Update Notice of Public Information Centre No. 2 PROJECT CONTACT LIST

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Special Int	pecial Interest Groups									
Ms.	Denise	Hayes	General Manager	Southern Georgian Bay Chamber of Commerce (represents Midland, Penetang, Tay & Tiny)	208 King Street (Upper Level)		Midland, ON	L4R 3L9	705-526-7884 ext. 202	dhayes@sgbchamber.ca
Mr.	lan	Kirkpatrick	General Manager	Midland Golf and Country Club	9536 Highway 93 North		Midland, ON	L4R 4K6	705-526-5822	genmanager@midlandgolfcc.com
Ms.	Katharine	Rowe-Bailey	Operations General Manager	Raytheon Elcan Optical Technologies	450 Leitz Road		Midland, ON	L4R 5B8	705-526-5401 ext. 104	katharine.rowe-bailey@raytheon.com
Mr.	Manfred	End		TRW Canada Ltd Occupant Safety Systems	16643 Hwy 12		Midland, ON	L4R 4L5	705-526-8791	
Ms.	Mary-ann	Milne	Executive Director	Wye Marsh Wildlife Centre	16160 Highway 12 East		Midland, ON	L4R 4K6	705-526-7809 ext. 201	mmilne@wyemarsh.com
Mr.	Rod	Khaled	Project Manager, Engineering Corporate Services and Finance Branch	Environmment and Climate Change Canada	867 Lakeshore Road		Burlington, ON	L7S 1A1	905-336-8912	rod.khaled@canada.ca
Mr.	Chad	Moreau	Maintenance Foreman	Sainte-Marie Among the Hurons	16164 Highway 12 East	Box 160	Midland, ON	L4R 4K8	705-526-7838 705-528-7687 direct	chad.moreau@ontario.ca
Ms.	Katharine	McCracken	Manager of Operations	Sainte-Marie Among the Hurons	16164 Highway 12 East	Box 160	Midland, ON	L4R 4K8	705-526-7838 705-528-7688 direct	katharine.mccracken@ontario.ca
Att:			Manager of Operations	Martyrs' Shrine	16163 ON-12		Midland, ON	L4R 4K6	705-526-3788	
Key Stake	holders									
Mr.	Michael	Scherloski	General Manager	Brooklea Golf and Country Club	8567 Highway 93	P.O. Box 97	Midland, ON	L4R 4K6	705-527-4653	
Mr.	Veeran	Kota	President	Brooklea Golf and Country Club	8567 Highway 93	P.O. Box 97	Midland, ON	L4R 4K6	705-527-4653	vkota@brookleagolf.com
Mr.	Brian	Goodreid	Planner	Goodreid Planning Group (representing Brooklea Golf and Country Club)	274 Burton Avenue	Suite 1201	Barrie, ON	L4N 5W4	705-331-5717	goodreidplanninggroup@gmail.com
Att:			Property Owner	1165 Brunelle Side Road			Midland, ON			
Mr.	Stephen	O'Reilly	Vice President/Sales Representative Tenant Representation Group (representing 1165 Brunelle Sideroad)	Jones Lang LaSalle Bay Adelaide East	22 Adelaide St. West,	Suite 2600	Toronto, ON	M5H 4E3	1-416-238-4421 1-416-219-1140 (cell)	Stephen.Oreilly@am.jll.com
Ms.	Vivian	Patel	Urban Planner (representing 1165 Brunelle Sideroad)	Jones Lang LaSalle Bay Adelaide East	22 Adelaide St. West,	26th Floor	Toronto, ON	M5H 4E3	1-416-304-6000 ext. 6971	vivian.patel@am.jll.com
Mr.	Don	Pratt	President	Pratt Developments						dpratt@prattdevelopment.ca
Mr.	Enzo	Bertucci	VP	Kaitlin Group						ebertucci@kaitlincorp.com
Mr.	Richard	Weldon	VP	ROMSPEN						richardweldon@romspen.com
Mr.	Michal	Kuchar	President	Tiffin by the Lake						tiffinlake@sympatico.ca
Mr.	Gino	Bifolchi	President	Lisgar Construction						info@lisgarconstruction.ca
Mr.	Chris	Bratty	President	Remington Group						cbratty@remingtongroupinc.com
Mr.	Mark	Hanson	President	Hanson Group						mhanson99@hotmail.com
Mr.	David	White	President	Hwy 12 Developments						white@realcapital.ca
Mr.	David	Colagiacomo	VP	Coland Development						david@tripar.ca
Mr.	David	Jarlette	President	Jarlette Health Services						djarlette@jarlette.com
Mr.	Adam	Bourgeois	President	Bourgeois Motors						adam@bourgeoismotors.com
Mr.	Luigi	DeSantis	President	#Co						momsres@rogers.com
Mr.	Richard	Davies	President	Midland Honda						rdavies@midlandhonda.com
Mr.	Tom	Barber	President	Barber & Haskill						Tom@BarberandHaskill.com
Mr.	Terry	Coughlin	Managing Partner	North American Development Group						tcoughlin@nadg.com
Mr.	Gary	Breda	President	Midland Corners Inc (Bremont Homes)						gbreda@mybremont.ca
Ms.	Erika	Lindner	Unsure	Midland Bay Estates						kelindner@rogers.com
Mr.	Sterling	White	Project Manager	Retail REIT			1			sterling.white@plaza.ca
Aboriginal	I Consultation									
	Att: Consultation Unit			Ministry of Indigenous Affairs	160 Bloor St. East	9th Floor	Toronto, ON	M7A 2E6	416-326-4757 1-866-381-5337	maa.ea.review@ontario.ca

#### Town of Midland Waterworks Master Plan Update Notice of Public Information Centre No. 2 PROJECT CONTACT LIST

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
(INAC (for	merly AANDC) not t	to be contacted as pro	oject is not on Aboriginal lands)	Indigenous & Northern Affairs Canada Consultation Unit (formerly Aberiginal Affairs & Northern- Development Canada)	25 St. Clair Avenue East	8th Floor	<del>Toronto, ON</del>	M4T 1M2	1-800-567-9604	
Mr.	Brian	Tucker	Associate Director of Education and Way o Life	f The Metis Nation of Ontario	66 Slater St.	Suite 1100	Ottawa, ON	K1P 5H1	807-274-1386 (direct) 613-798-1488 (Secretary)	Prefers digital - <u>briant@metisnation.org</u> & copy to <u>consultation@metisnation.org</u>
Mr.	Jesse	Fieldwebster, M. Eng.	Manager	Metis Nation of Ontario	355 Cranston Crescent	P.O. Box 4	Midland, ON	L4R 4K6	705-526-6335 ext. 220	JesseF@metisnation.org
Att:			President	Georgian Bay Metis Council	355 Cranston Crescent	P.O. Box 4	Midland, ON	L4R 4K6	705-526-6335	
Mr.	David	Dusome	PCMNO Regional Councillor	The Metis Nation of Ontario, Georgian Bay Tradtional Territory Consultation Committee	355 Cranston Crescent	P.O. Box 4	Midland, ON	L4R 4K6	705-526-6335	daviddusome@rogers.com
Ms.	Lynette	Davis	Director of Operations	Metis National Council	4-340 MacLaren Street		Ottawa, ON	K2P 0M6	613-232-3216	lynetted@metisnation.ca
Mr.	Tony	Muscat	President Interim	Moon River Metis Council	B26360 Cedarhurst Beach Road	R.R. 1	Beaverton, ON	L0K 1A0	705-426-1381	tonymuscat@rogers.com
Indigenou	s Communities									
Chief	Guy	Monague		Beausoleil First Nation	11 O-Gemaa Miikan		Christian Island,ON	L9M 0A9	705-247-2051	bfn@chief@chimnissing.ca
Ms.	Tanya	Roote-Jamieson	Executive Assisstant	Beausoleil First Nation	11 O-Gemaa Miikan		Christian Island,ON	L9M 0A9	705-247-2051 ext. 222	tanyaroote@chimnissing.ca
Mr.	Maxime	Picard	Coordonnateur de projets - Ontario	Huron Wendat First Nation	255, Place Chef Michel-Laveau		Wendake, QC	G0A 4V0	418-843-3767 ext. 2105	maxime.picard@cnhw.qc.ca
Ms.	Tina	Durand	Executive Secretary to Chief and Council	Huron Wendat First Nation	255, Place Chef Michel-Laveau		Wendake, QC	G0A 4V0		tina.durand@cnhw.qc.ca
Mr.	Compton	Khan	Executive Director	Georgian Bay Native Friendship Centre	175 Yonge St.		Midland, ON	L4R 2A7	705-526-5589 ext. 224	edirector@gbnfc.com
Chief	Rodney	Noganosh		Chippewas of Rama First Nation	200-5884-Rama Road		Rama, ON	L3V 6H6	705-325-3611	rodneyn@ramafirstnation.ca
Ms.	Hollie	Nolan	Executive Assistant to the Chief	Chippewas of Rama First Nation	200-5884-Rama Road		Rama, ON	L3V 6H6	705-3253611 ext. 1216	hollien@ramafirstnation.ca
Ms.	Karry	Sandy-McKenzie	Co-ordinator/Negotiator	Williams Treaties First Nation	8 Creswick Court		Barrie, ON	L4M 2J7		k.a.sandy-mckenzie@rogers.com
Chief	Lester	Anoquot		Chippewas of Saugeen First Nation	6493 Highway 21	R.R. 1	Southhampton, ON	N0H 2L0	1-800-680-0744	sfn@saugeen.org
Mr.	Michael	Johnston	Manager	Saugeen Ojibway Nation Environment Office	25 Maadookii Subdivision		Neyaashiinigming, ON	NOH 2TO	519-534-5507	michael.johnston@saugeenojibwaynation.ca
Chief	Donna	Big Canoe		Chippewas of Georgina Island First Nation	R.R. #2	P.O. Box 13	Sutton West, ON	L0E 1R0	705-437-1337	donna.bigcanoe@georginaisland.com
Ms.	Joselyn	Keeshig	Administrator	Chippewas of Nawash First Nation	#135 Lakeshore Blvd.		Neyaashiinigmiing, ON	N0H 2T0	519-534-1689	cnadministrator@nawash.ca
Chief	Greg	Nadjiwon		Chippewas of Nawash First Nation	#135 Lakeshore Blvd.		Neyaashiinigmiing, ON	N0H 2T0	519-372-3069	chiefsdesk@nawash.ca
Chief	Barron	King		Moose Deer Point First Nation		P.O. Box 119	MacTier, ON	P0C 1H0	705-375-0532	barron.king@moosedeerpoint.com
Chief	Phillip	Franks		Wahta Mohawks (Mohawks of Gibson)	2664 Muskoka Road	P.O. Box 260	Bala, ON	P0C 1A0	705-762-2354	phillip.franks@wahtamohawkscouncil.ca
Utilities										
Mr.	Phil	Marley	President & CEO	Midland Power Utility Corporation		P.O. Box 820	Midland, ON	L4R 4P4		tpanak@innservices.co
Ms.	Carol	O'Brien		Bell Canada	136 Bayfield Street	2nd Floor	Barrie, ON	L4M 3B1	705-722-2405	carol.obrien@bell.ca
Mr.	Andrew	Fournier		Bell Canada	136 Bayfield Street	2nd Floor	Barrie, ON	L4M 3B1	705-722-2405	andrew.fournier@bell.ca
Mr.	Anothony	Zita	Planning Analyst	Enbridge Gas	6 Colony Court		Brampton, ON	L6T 4E4	905-458-3822 416-427-9620 cell	Anthony.Zita@enbridge.com
Mr.	Meetpal	Chhina	Supervisor	Enbridge Gas	6 Colony Court		Brampton, ON	L6T 4E4	905-458-3822	meetpal.chhina@enbridge.com
Mr.	Graham	McPherson	Planning	Rogers	1 Sperling Drive		Barrie, ON	L4M 6B8	705-737-4660 x6914	Graham.McPherson@rci.rogers.com

To receive invitiation to attend special hour in advance of main PIC 2 meeting dedicated to key stakeholders

**AECOM** 

AECOM

55 Cedar Pointe Drive, Suite 620

Barrrie, ON L4N 5R7 Canada

www.aecom.com

705-721-9222 tel 705-734-0764 fax

May 16, 2019.

File No. 60593529

### **SAMPLE AGENCY LETTER**

«First» «Last»
«Title2»
«Company»
«Address\_1», «Address\_2»
«Town», «PC»

Dear «Title» «Last»:

RE: Town of Midland

Midland Waterworks Master Plan Update Municipal Class Environmental Assessment Notice of Public Information Centre No. 2

The Town of Midland has retained the services of AECOM to undertake an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This project is following the Master Planning Process Approach #2 as identified in the *Municipal Class Environmental Assessment* (Oct. 2000, as amended 2007, 2011 & 2015) which will fulfill the requirements for the Schedule 'A', 'A+', and select Schedule 'B' projects identified within the Master Plan.

The purpose of this letter is to inform you of an upcoming Public Information Centre scheduled for this project. Please refer to the attached notice for additional details regarding the project, including the date and time of Public Information Centre No. 2.

Should you have any questions or concerns regarding this project, please contact the undersigned or Mr. Chuck Fiddy, Manager at the Town of Midland, at 705-526-4268 ext. 4202 or via email at <a href="mailto:cfiddy@midland.ca">cfiddy@midland.ca</a>.

Sincerely,

#### **AECOM**

Andrea Potter, B.E.S. Senior Environmental Planner

Tel: (705) 797-3278

Email: andrea.potter@AECOM.com

cc C. Fiddy Town of W. Crown Town of

Town of Midland, Manager

Town of Midland, Director of Planning & Building Services

Town of Midland, Senior Project Manager

R. Provencal M. Choudhary

AECOM, Project Manager AECOM, Deputy Project Manager

K. Grueneis

AECOM, Senior Environmental Planner

Encl. Notice

M. Sobil

# Key Stakeholder Notification Letters / Emails



**AECOM** 

55 Cedar Pointe Drive. Suite 620

Barrrie, ON L4N 5R7 Canada

www.aecom.com

May 16, 2019.

File No. 60593529

705-721-9222 tel

705-734-0764 fax

#### SAMPLE KEY STAKEHOLDER LETTER

(Issued to key stakeholders including Land Developers and their consultants, adjacent municipalities (Tay, Tiny & Penetanguishene), and relevant agencies (i.e. Ministry of Transportation, Severn Sound Environmental Association). Email also sent to Land Developers on May 16, 2019).

«Name» «Position» «Organization»

«Address»

Dear «Name»:

RE: **Town of Midland** 

Midland Waterworks Master Plan Update **Municipal Class Environmental Assessment** Notice of Public Information Centre No. 2

The Town of Midland has retained the services of AECOM to undertake an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This project is following the Master Planning Process Approach #2 as identified in the Municipal Class Environmental Assessment (Oct. 2000, as amended 2007, 2011 & 2015) which will fulfill the requirements for the Schedule 'A', 'A+', and select Schedule 'B' projects identified within the Master Plan.

The purpose of this letter is to inform you of an upcoming Public Information Centre scheduled for this project. Please refer to the attached notice for additional details regarding the project, including the date and time of Public Information Centre No. 2. Please note that the municipality has scheduled an hour timeslot in advance of the main public session specifically for key stakeholders. The municipality would like to extend an invitation to you to attend PIC No. 2 from 4:00 pm to 5:00 pm to discuss this project with members of the Project Team and receive input.

Should you have any questions or concerns regarding this project, please contact the undersigned or Mr. Chuck Fiddy, Manager at the Town of Midland, at 705-526-4268 ext. 4202 or via email at cfiddy@midland.ca.

Sincerely,

**AECOM** 

#### Andrea Potter, B.E.S. **Senior Environmental Planner**

Tel: (705) 797-3278

Email: andrea.potter@AECOM.com

C. Fiddy Town of Midland, Manager

Town of Midland, Director of Planning & Building Services W. Crown M. Sobil

Town of Midland, Senior Project Manager

R. Provencal M. Choudharv K. Grueneis

AECOM, Project Manager AECOM, Deputy Project Manager AECOM, Senior Environmental Planner

Encl. Notice Property Owner

Notification Letters



AECOM

55 Cedar Pointe Drive, Suite 620

Barrrie, ON L4N 5R7 Canada

www.aecom.com

May 16, 2019.

File No. 60593529

705-721-9222 tel

705-734-0764 fax

#### SAMPLE PROPERTY OWNER LETTER

(Issued to property owners within a 120 m radius of the short listed alternatives.

Approximately 300 residents were notified).

«Name» «Position» «Organization» «Address»

Dear «Name»:

RE: Town of Midland

Midland Waterworks Master Plan Update Municipal Class Environmental Assessment Notice of Public Information Centre No. 2

The Town of Midland has retained the services of AECOM to undertake an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This project is following the Master Planning Process Approach #2 as identified in the *Municipal Class Environmental Assessment* (Oct. 2000, as amended 2007, 2011 & 2015) which will fulfill the requirements for the Schedule 'A', 'A+', and select Schedule 'B' projects identified within the Master Plan.

The purpose of this letter is to inform you of an upcoming Public Information Centre scheduled for this project. Please refer to the attached notice for additional details regarding the project, including the date and time of Public Information Centre No. 2.

Should you have any questions or concerns regarding this project, please contact the undersigned or Mr. Chuck Fiddy, Manager at the Town of Midland, at 705-526-4268 ext. 4202 or via email at cfiddy@midland.ca.

Sincerely,

#### **AECOM**

Andrea Potter, B.E.S. Senior Environmental Planner

Tel: (705) 797-3278

Email: andrea.potter@AECOM.com

cc C. Fiddy Town of Midland, Manager

W. Crown Town of Midland, Director of Planning & Building Services

M. Sobil Town of Midland, Senior Project Manager

R. Provencal M. Choudhary K. Grueneis AECOM, Project Manager
AECOM, Deputy Project Manager
AECOM, Senior Environmental Planner

Encl. Notice

# Indigenous Community Notification Letters

**AECOM** 

AECOM

55 Cedar Pointe Drive, Suite 620

Barrrie, ON L4N 5R7 Canada

www.aecom.com

File No. 60593529

705-721-9222 tel

705-734-0764 fax

May 16, 2019.

#### SAMPLE FIRST NATION LETTER

«Name» «Position» «Organization» «Address»

Dear «Name»:

**RE:** Town of Midland

Midland Waterworks Master Plan Update Municipal Class Environmental Assessment Notice of Public Information Centre No. 2

The Town of Midland has retained the services of AECOM to undertake an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This project is following the Master Planning Process Approach #2 as identified in the *Municipal Class Environmental Assessment* (Oct. 2000, as amended 2007, 2011 & 2015) which will fulfill the requirements for the Schedule 'A', 'A+', and select Schedule 'B' projects identified within the Master Plan.

Through the Environmental Assessment Process we are notifying you as part of the Town's obligation under the Environmental Assessment Act of an upcoming Public Information Centre and the opportunity to provide input regarding the study. Please refer to the attached notice for additional details regarding the project, including the date and time of Public Information Centre No. 2. If you are unable to attend, the display boards will be made available for review and comment following the PIC on the Town's website at <a href="www.midland.ca">www.midland.ca</a>. Please note that members of the Study Team are also available to meet with you at any time during this process, if requested.

Should you have any questions or concerns regarding this project, please contact the undersigned or Mr. Chuck Fiddy, Manager at the Town of Midland, at 705-526-4268 ext. 4202 or via email at cfiddy@midland.ca.

Sincerely,

**AECOM** 

Andrea Potter, B.E.S. Senior Environmental Planner

Tel: (705) 797-3278

Email: andrea.potter@AECOM.com

cc C. Fiddy Town of Midland, Manager

W. Crown Town of Midland, Director of Planning & Building Services

M. Sobil Town of Midland, Senior Project Manager

R. Provencal M. Choudhary

AECOM, Project Manager AECOM, Deputy Project Manager

K. Grueneis

AECOM, Senior Environmental Planner

Encl. Notice



PIC No. 2 Material









# MIDLAND WATERWORKS MASTER PLAN UPDATE

Municipal Class Environmental Assessment PUBLIC INFORMATION CENTRE NO. 2



# **WELCOME!**



- The Town of Midland is completing an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes.
- The proposed Master Plan Update will provide a comprehensive, cost effective, and sustainable water servicing infrastructure plan for the next 20 years.
- The Town has initiated several other studies that include a Wastewater Master Plan, Transportation Master Plan, Parks Master Plan and Official Plan Update. Water servicing infrastructure improvements will give consideration to the aforementioned studies to make certain that servicing infrastructure can accommodate future growth.
- Public Information Centre (PIC No. 1 was presented in an online format with material available February 6, 2019 on the Town of Midland website at www.midland.ca

## This presentation will:

- Provide the project background including need for water supply and servicing improvements;
- Provide an overview of existing and future conditions;
- ✓ Present the screening and evaluation of water supply and servicing alternatives; and
- ✓ Present preliminary recommended Water Supply and Servicing Strategy including proposed infrastructure projects and Next Steps.

## What We Heard from PIC #1

- Development community interest in Study.
- Need to consider neighbouring municipality opportunities and comply with drinking water legislation



# **MUNICIPAL CLASS EA PROCESS**



- The Town must meet the requirements of Ontario's Environmental Assessment (EA) Act for infrastructure projects.
- This Study requires completion of Phase 1 (Problem and Opportunity Statement) and Phase 2 (Alternative Solutions) of the Class EA process. We are currently in Phase 2.
- At the end of the EA process, a Master Plan Update Report will be prepared for public review and comment to document the planning process followed.

## Phase 1: Problem or Opportunity Statement

Identify problem or opportunity

Online PIC 1 available (February 6, 2019)
Water User Questionnaire & Comment Sheet

- The Master Plan will be filed under Approach #2 of the MEA Class EA Approach for Master Planning.
- The Master Plan Update will meet the planning requirements for Schedule A, A+ and select Schedule B projects and provide the basis for future investigations of identified Schedule B and C projects.

# Phase 2: Alternative Solutions

Identify alternative solutions to problem or opportunity

Inventory natural, cultural and socio-economic environment

Consult the public, agencies and other stakeholders regarding problem or opportunity, existing and future conditions and high level alternative solutions

Identify impacts of alternative solutions on the environment and mitigating measures

Evaluate alternative solutions and identify recommended solutions

Consult the public, agencies and other stakeholders regarding the recommended solutions and strategies

Select preferred solutions

Master Plan Update Report placed on public record

Notice of Completion issued for Schedule 'B'
Projects, 30 Day Review Period

## Implementation

Complete drawings and documents

Proceed to construction and operation

Monitor for environmental provisions and commitments

PIC 2 (May 30, 2019)



# PROBLEM STATEMENT



### **PROBLEM:**

Moderate near and long term growth is expected in the Town of Midland. As such, there is a need for improving water production/supply and servicing in a sustainable manner that can be logically phased. Additional infrastructure and improvements to the existing system must be in place in a timely and orderly manner to service approved growth. A detailed cost phasing and implementation plan is required to allow the Town to develop a capital works program and budget.

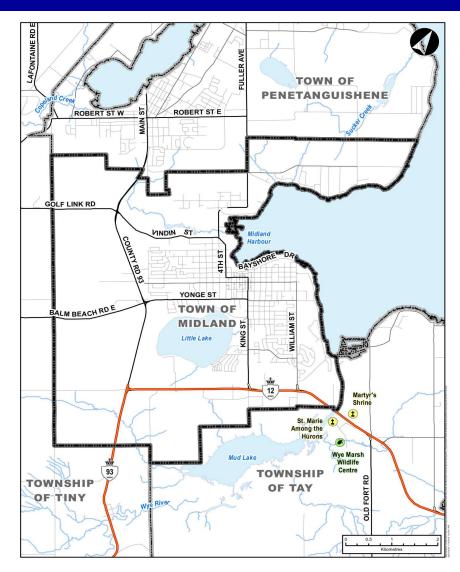
## **OPPORTUNITIES:**

To develop a water utility-infrastructure master plan or "road map" that will support future capital works planning and funding opportunities and meet the needs of existing and future water customers.

# PROJECT STUDY AREA



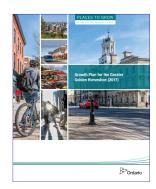
- The Town of Midland water system (groundwater based) serves approximately 5,400 residential and commercial customers with potable water and also supplies water for approximately 475 fire hydrants.
- The Project Study Area encompasses the entire limits of the Town of Midland, as illustrated in the adjacent study map.
- Since the Town of Midland also provides water services to Sainte-Marie Among the Hurons, Wye Marsh Wildlife Centre, and the Martyrs' Shrine this portion of the neighboring Township of Tay will also be included in the study area.
- The study is also exploring water supply opportunities between the adjacent municipalities.





# ANTICIPATED GROWTH





- The Town of Midland is identified as a Primary Urban Settlement Area in the *Growth Plan for the Greater Golden Horseshoe (2017)* and is therefore anticipating continued growth and development in the community.
- The existing population of Midland is approximately 16,864. The Province of Ontario, through its *Growth Plan for the Greater Golden Horseshoe* (2017), has allocated a population for the Town of Midland of 22,500 with 1,800 new jobs by the year 2031.
- Given the growth anticipated for the municipality, it will be important that the municipal servicing infrastructure can sufficiently accommodate the demand required.

The table below illustrates the population forecasts and employment projections for the Town of Midland for the next 20 years.

# Population and Employment Forecasts for the Town of Midland

Town of Midland	2006	2031	2036*	2041*
Population Forecasts	16,900	22,500	24,663	26,881
<b>Employment Projections</b>	12,000	13,800	15,127	18,487

\*Note: The 2036 and 2041 forecasts are estimates only and have not been allocated by the County of Simcoe.

- A population trends and comparative analysis completed by the Town in January 2018 determined that growth in the municipality has been slow and steady over the past 15 years.
- It also revealed that the population of Midland is aging with those over the age of 65 now representing 25.17% of the total population, which is an increase of almost 7% from 2001.

# PLANNED DEVELOPMENT



In accordance with the *Growth Plan for the Greater Golden Horseshoe (2017)*, Settlement Areas shall be the focus of population and employment growth.

### Settlement Area:

The Town of Midland Settlement Area boundary is aligned with the municipal boundary as illustrated in the adjacent map.

### Draft Plans:

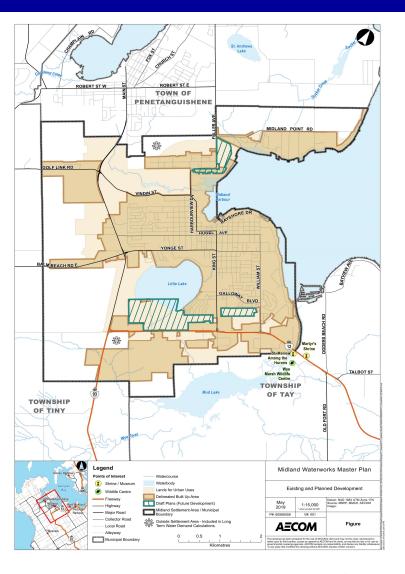
This layer as shown identifies lands that are subject to Draft Plan approval and that will eventually be developed in the near future. The areas as shown include those currently under review and those that have been approved.

## Delineated Built-Up Area:

This layer as shown represents the concentrated developed area and includes vacant lands or lands where intensification could occur. Within settlement areas, growth is to be focused in the Delineated Built-up Areas. (Growth Plan, S. 2.2.1 c)).

### **Lands for Urban Uses:**

The County of Simcoe Official Plan defines *Lands for Urban Uses* as lands that are not designated for agricultural uses or rural uses within the settlement area. The *Lands for Urban Uses* as shown represents greenfield lands / developable lands. Greenfield Areas are lands within settlement areas (outside of the Delineated Built-up Areas) that have been designated for development in the Town's Official Plan.

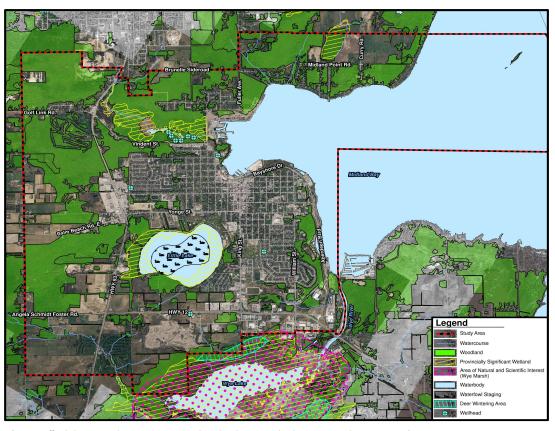




# **EXISTING CONDITIONS: NATURAL ENVIRONMENT**



As part of the Class EA process, the existing conditions within the study area environment (technical, natural, socio-economic and cultural) are inventoried to identify any areas of potential constraint.



(Source: Official Plan Review Planning Issue #1 Natural & Cultural Heritage, The Planning Partnership, August 2012).

The Project Team uses this information when reviewing alternative solutions including the siting and operation of municipal water infrastructure.

#### **NATURAL ENVIRONMENT**

- Natural heritage features present within the study area include:
  - o Woodlands, (i.e. deciduous / mixed forest and conifer plantations);
  - Several Provincially Significant Wetlands;
  - An Area of Natural and Scientific Interest (i.e. Wye Marsh Regional Life Science ANSI);
  - o Waterfowl Staging Area (i.e. Little Lake & Wye Marsh); and
  - Deer Wintering Area (i.e. Wye Marsh).
- The Town of Midland abuts Georgian Bay and there is a small lake (Little lake) and several watercourses that include the Wye River and Sucker Creek located within the area of study.
- Significant groundwater recharge areas as well as a sensitive aquifer and a number of drinking water wells are also present. The Town of Midland is subject to the South Georgian Bay Lake Simcoe Source Protection Plan.
- The natural heritage features present within the study area may provide habitat for terrestrial and aquatic species, including Species at Risk protected under the Endangered Species Act.
- There is the potential for Species at Risk vegetation (i.e. Butternut Tree) to be present within the vegetated areas. Several Provincially rare plant species (i.e. S-2 and S-3 rank) may also be found within the wetland and aquatic habitats.
- This project is not located within the Greenbelt Area, the Oak Ridges Moraine Area or the Niagara Escarpment Plan Area.



# **EXISTING CONDITIONS: SOCIO-ECONOMIC & CULTURAL**



#### CULTURAL ENVIRONMENT

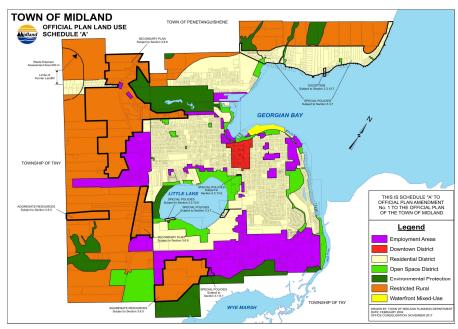
#### **Built Heritage and Cultural Heritage Landscapes:**

Within the area of study there are a number of properties designated under the Ontario Heritage Act as identified below:

- Hillside Home at 310 Fifth Street
- Midland Public Library at 320 King Street
- Heritage Animal Hospital at 687 King Street
- Letherby House at 4225 King St.
- William Wilson Cemetery at 17007 Highway 12
- Drummond Wall at 353 Fuller Avenue

#### Archaeological:

- The County of Simcoe has initiated an Archaeological Management Plan (AMP) with the intent of identifying, protecting, and conserving the archaeological features within the County, which includes the Town of Midland.
- Parts of the study area may exhibit archaeological potential and other areas may not given previous deep and extensive land disturbance or low and wet conditions.
- Areas of archaeological potential may warrant localized analysis if there is the potential for impact from the proposed improvements.



(Source: Town of Midland Official Plan, January 2017).

#### SOCIO-ECONOMIC ENVIRONMENT

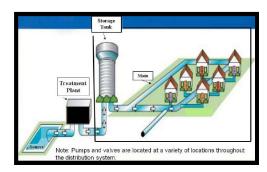
- Land use designations within the area of study are identified in the above Land Use map taken from the Town of Midland Official Plan.
- An Official Plan Review (OPR) is currently underway and is expected to be completed in the spring of 2019. The OPR is giving consideration to a number of factors that will include waterfront development, downtown revitalization and active transportation.
- The Town of Midland is situated on the shores of Georgian Bay and is a popular tourist destination.
- Sainte-Marie Among the Hurons, the Wye Marsh Wildlife Centre, and the Martyrs' Shrine are also located in proximity and provide economic benefit to the community.



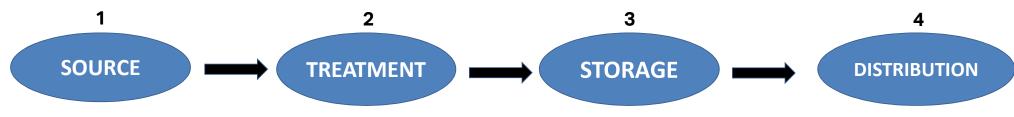
# **COMPONENTS OF A MUNICIPAL WATER SYSTEM**



The Town of Midland municipal water system is comprised of four main components as follows:



(Source: LinkedIn Learning, Hydraulics Chapter 4, Dr. Siddique).



Municipal water is sourced from groundwater (i.e. aquifer)

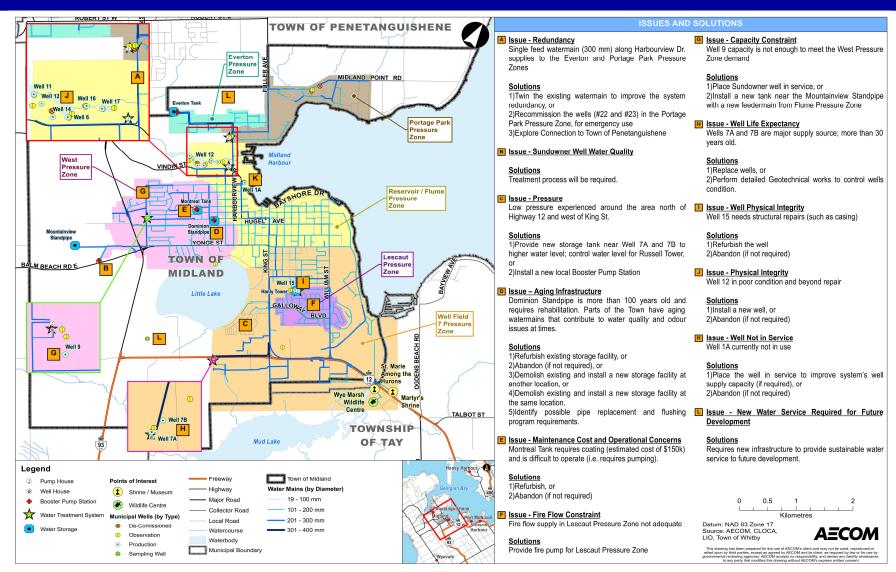
Groundwater is treated at each well house to comply with drinking water quality objectives and to make it suitable for public consumption.

The treated water is stored in above ground tanks or elevated tanks to be utilized for pressure equalization, and / or to maintain adequate flows for the peak hour water demand and for fire fighting.

The treated water is distributed to the community via underground watermain infrastructure.

# **EXISTING ISSUES AND POTENTIAL SOLUTIONS**





# STORAGE, PUMP CAPACITY, AND WELL PRODUCTION CAPACITY EVALUATION: RESULTS SUMMARY



- East pressure zone does not have sufficient storage capacity. Requires additional storage capacity of 4.67 ML
- Lescaut and Sunnyside pressure zones do not have sufficient pump capacity to meet projected water demands and fire flow demands.
- Insufficient well production by 2041 in the system. Requires additional well capacity of 1.37 MLD

# MASTER PLAN STUDY ALTERNATIVES FOCUS AND PROCESS



## 1) Storage

- Need for capacity expansion to meet current and future demands and fire/emergency.
- New storage can allow decommissioning of older storage facilities.

## 2) Water Supply

 Municipal well system - need for additional water supply considering Average/Max Day Demand and current/future demands.

## 3) Pumping Stations and Pipes (watermains)

 Need to move treated water through the system and reach customers, in addition to areas experiencing low water pressure.

## 4) Increase Water Conservation

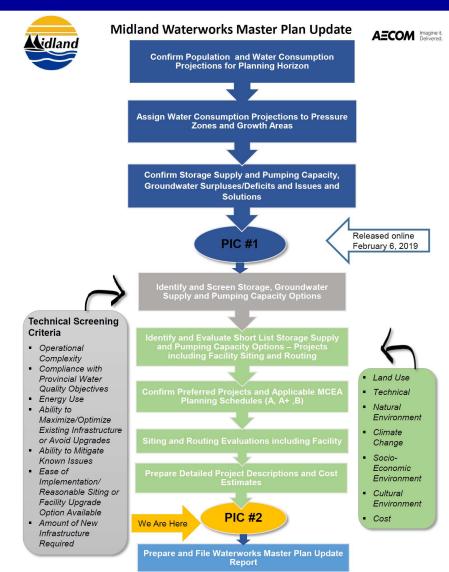
 Carry forward in combination with above (can not address demand on its own).

## 5) Do Nothing

 Screened out (doesn't address the problem/opportunity statement).

## 6) Limit Growth

- Screened out (doesn't address the problem/opportunity statement).
- Would require major revision to County and Town planning documents.



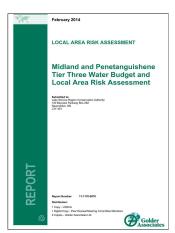


# OTHER WATER SUPPLY AND SERVICING CONSIDERATIONS



# **Source Water Protection**

• Midland and Penetanguishene Tier Three Water Budget and Local Area Risk Assessment evaluates risk that a municipality may not be able to meet current or planned water demands.

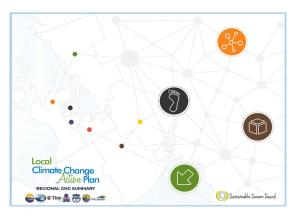


- Provides recommendations on monitoring groundwater supply and well systems.
- Recommend Master Plan Update to reflect removal of Wells1A and 12

# **Climate Change**

Increased temperatures, and potential worsening drought, may increase stress on aquifers over time.

Comply with Local Climate Change Action Plan Recommendation
 No. 3 – "Establish a community-based water education program to increase water conservation, encouraging and



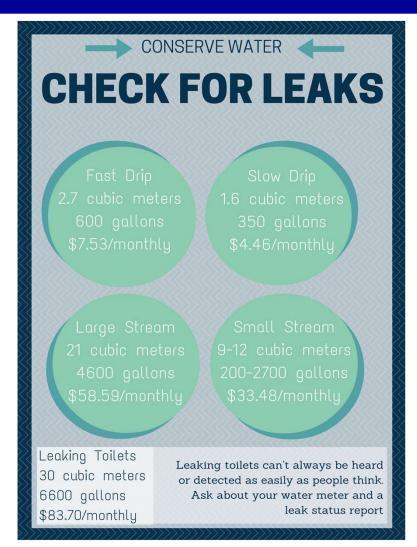
incentivizing practices such as low-flow toilets and shower-heads, rainwater collection (i.e. barrels and cisterns) and xeriscaping (droughtresistant plantings)".

 Climate change criteria are integrated into the Alternatives Evaluation Criteria.



# OTHER WATER SUPPLY AND SERVICING CONSIDERATIONS





**Water Conservation** 

- Per capita water demands are steadily decreasing with implementation of water conservation initiatives (e.g. building code, low flow fixtures).
- Water savings off-set need for more water necessary to meet growth. Savings also reduce energy demand and greenhouse gas emissions (address climate change)
- Water conservation by itself can not meet future demand requirements due to growth.
- Recognizing its benefits, the Town will continue to explore ways to conserve water.
- Reducing Non-Revenue Water (e.g. loss from pipe leaks) in Midland is the Town's operational objective.

Tow of Midland – Responsibility for Water Consumption https://www.midland.ca/Pages/watersewer.aspx

# OTHER WATER SUPPLY AND SERVICING CONSIDERATIONS



# **Water Conservation and its Benefits**

- Operations and Maintenance cost savings by reducing the volume of water treated
- Future cost savings through deferral of capital investment as a result of population growth and expansion
- Environmental benefits less water could be removed from the environment for human purposes, and more water is available to support downstream aquatic life and important riparian habitat
- Competing beneficial uses more water could be available for competing beneficial uses such as watercourse health and environment, and recreational activities
- Stewardship utilities that conserve water demonstrate leadership in resource management
- Regulatory compliance government/regulatory agencies require water conservation plans to qualify for permits, grants and loans
- Public perception the public often insists on a demonstration of efficient use of existing water supply before supporting expansion of supply to meet new water needs.



# **SCREENING OF LONG LIST OPTIONS**



- Long List Options were screened based on ability to meet technical criteria
- Short List Options were carried forward for a full EA evaluation (see Exhibits 19-23)

# ISSUE: NEED MORE STORAGE IN EAST ZONE (EAST, SUNNYSIDE, LESCAUT)

- ✓ Alt. 1A New Tank in East Zone Install new tank in area of Wells 7A/7B well field
- ✓ Alt. 1B New Tank in East Zone Install new tank near intersection of Hwy 12 and King Stree
- \* Alt. 1C New Tank in East Zone Flume wellfield or Well 1A
- ✓ Alt. 1D New Tank in East Zone Install new tank at existing Dominion Standpipe Location
- Alt. 1E New Tank in East Zone Existing Hanly Elevated Tank Location
- Alt. 1F New Tank in Sunnyside Zone Existing Everton Tank Location
- \* Alt. 1G New Tank in Lescaut Zone William Street Location
- Alt. 1H New Tank in New Zone Along Highway 12 in the South of the Town

### **ISSUE: NEED MORE GROUNDWATER SUPPLY**

- ✓ Alt. 2A Commission Sundowner Well Site Existing Sundowner Well can be commissioned to provide supply to West Zone.
- \* Alt. 2B Commission Well 1A Existing Well 1A can be commissioned to provide water supply to East Zone.
- ✓ Alt. 2C Commission New Well Find a new well location within the Town limits to provide additional supply of groundwater into the system.
- \* Alt. 2D Increase Well 7A/7B Supply Capacity Replace existing well pumps with higher capacity pumps. Requires geotechnical study to understand if increase in pumping is possible without impacting the groundwater aquifers
- \* Alt. 2E: Increase Well 12 Supply Capacity Replace existing well pumps with higher capacity pumps. Requires geotechnical study to understand if increase in pumping is possible without impacting the groundwater aquifers
- ✓ Alt. 2F Connect to Penetanguishene via Fuller Avenue Opportunity to connect to existing Penetanguishene water system



# **SCREENING OF LONG LIST OPTIONS**



- Long List Options were screened based on ability to meet technical criteria.
- Short List Options were carried forward for a full EA evaluation (see Exhibits 19-23)

# ISSUE: NEED MORE PUMP CAPACITY IN LESCAUT AND SUNNYSIDE

- ✓ Alt. 3A Increase Pump Capacity in Lescaut Install additional duty pump and fire pump with capacity of 79 l/s at existing Hanly Booster Pump Station
- ✓ Alt. 3B: Dedicate Well 15 to Lescaut Zone Dedicate Well 15 to supply to Lesaut Zone and install fire pump with capacity of 79 l/s
- ✓ Alt. 3C: Increase Pump Capacity of Sunnyside Install additional duty pump and fire pump with capacity of 64 l/s at Everton Booster Pump Station.

# ISSUE: LOW PRESSURE IN AREA SOUTH OF LITTLE LAKE ON HIGHWAY 12 BETWEEN KING STREET AND COUNTY ROAD #93.

- ✓ Alt. 4A New Pressure Zone Hwy 12 & King St. Area Create new pressure zone near Hwy 12 & King St. area with Booster Pump Station
- ✓ Alt. 4B: Connect to West Pressure Zone Connect area south of Little Lake to West Pressure Zone via County Road 93

# ISSUE: NEED REDUNDANCY OF SUPPLY IN THE SUNNYSIDE ZONE

- ✓ Alt. 5A Twin Watermain on Harbourview Rd. Twin existing 300mm watermain along Harbourview Drive between Vindin Street and Bayport Blvd.
- ✓ Alt. 5B Connect to Penetanguishene Water System Provide a connection to Penetang via Fuller Avenue between Robert Street and Midland Point Road
- ★ Alt. 5C Commission New Well Commission a new groundwater supply well in the Sunnyside area





# **TABLE 1: EVALUATION OF SHORT LIST STORAGE OPTIONS**

EV	VALUATION CRITERIA	ALT 1 Do Nothing	ALT 1A Install New Tank in Area of Wells 7A/7B	ALT 1B Install New Tank near Intersection of Hwy 12 / King St.	ALT 1D Install New Tank at Existing Dominion Standpipe Location	RATIONALE ESEND LESET Preferred Most Preferred
<b>\$</b>	TECHNICAL ENVIRONMENT Operational Complexity Energy Use Ability to Mitigate Known Issues Ease of implementation/ complexity of phasing Amount of new infrastructure required	0		•	•	<ul> <li>While Alt. 1 will not result in increased energy use or new infrastructure it does not address key deficiencies affecting the system.</li> <li>Alts. 1A, 1B, and 1D all propose the installation of a new tank allowing for the decommissioning of the Montreal Standpipe and Booster Pump Station which are difficult to operate.</li> <li>Alts. 1A, 1B, and 1D will permit the Montreal Tank to be abandoned (Issue 'E'); allow for the construction of a new storage tank with capacity of 5.38ML that can replace the aging Dominion Standpipe (Issue 'D'); partially address low pressure at Hwy 12 and King St (Issue 'C'); and address additional infrastructure required to meet future development/growth (Issue 'L'). In addition, Alt. 1A will address low pressure at Hwy 12 and King St (Issue 'C').</li> <li>For Alt. 1A sufficient vacant land is available in the area east of Well 7A/7B. For Alt. 1B vacant land is available near Highway 12 and King St, but negotiations will be required. Alt. 1D will maximize the existing Dominion Standpipe location; however, a large tank would take up most of the lot.</li> <li>Alts. 1A &amp; 1B require a new tank (5.38 ML), some pumping upgrades at selected wells and the installation of some localized linear infrastructure for the connection of the new tank to the existing water distribution system. Alt. 1D will also require a new tank (5.38 ML) and linear infrastructure upgrades around the new tank.</li> </ul>
	NATURAL ENVIRONMENT Terrestrial Wildlife (including Species at Risk) & Vegetation Fisheries / Aquatic Surface Water / Groundwater		•		•	Since Alt. 1 proposes no new infrastructure there is no potential to impact area wildlife, vegetation, aquatic species, surface water or groundwater. Alts. 1A and Alt. 1B propose the construction of a new tank on vacant lands which has increased potential to impact area wildlife and vegetation during the construction process in comparison to Alt. 1D which proposes the re-construction of an existing tank on existing municipal property. There is a low potential for Alts. 1A, 1B & 1D to impact surface water and aquatic species given that there are no watercourses in proximity to the proposed locations. All three options will have a similar low potential to impact groundwater during construction (i.e. dewatering).
**	SOCIAL ENVIRONMENT  Land Use / Residential & Business Impacts  Noise / Air Quality / Aesthetics  Climate Change		•	•	0	<ul> <li>Alt. 1 proposes no changes to the system so it cannot accommodate planned growth and is therefore not in conformance with land use policies. Alt. 1A, 1B, and 1D all propose improvements to accommodate planned growth and are in conformance with land use policies.</li> <li>Alt. 1 proposes no improvements and therefore no potential to impact noise or air quality. Alt. 1D will require construction at an existing municipal site in a residential area and has an increased potential to impact area residents/businesses, noise and air quality during the construction period in comparison to the other alternatives. Climate Change – While Alts. 1A &amp; 1B propose construction of the facility at a new site which may result in vegetation removal, the new locations could be sited to minimize vulnerability to extreme weather events (i.e. flooding) and utilize energy efficient construction/technologies.</li> </ul>
Î	CULTURAL ENVIRONMENT  Archaeological  Built Heritage and Cultural Heritage Landscapes	•	•	•	•	<ul> <li>Alt. 1 proposes no construction so there is no potential to impact heritage resources. Alts. 1A &amp; 1B propose construction on vacant lands and have an increased potential to impact heritage resources in comparison to Alt. 1 D which proposes construction on an existing municipal property that has been previously disturbed. Further investigation will likely be required to confirm.</li> </ul>
	Construction Costs / Property acquisition & Operating & Maintenance Costs	0			•	<ul> <li>Alt. 1 proposes no construction &amp; no property acquisition is required; however, there may be increased operating and maintenance costs over time as the system deteriorates.</li> <li>Alts. 1A &amp; 1B propose construction on vacant lands and require property acquisition. Alt. 1D will incur slightly increased costs associated with the demolition of the existing facility. All three options will have similar operating and maintenance costs.</li> </ul>
	OVERALL SCORING	0		•	•	ED STORAGE ALTERNATIVE

PREFERRED STORAGE ALTERNATIVE

NOTE: The "Do Nothing" alternative (Alt 1) does not address key deficiencies and is not considered a viable option. As part of the Class EA process it is included as a benchmark to gauge the potential for impact.





# **TABLE 2: EVALUATION OF SHORT LIST WATER SUPPLY OPTIONS**

EV	ALUATION CRITERIA	ALT 2 Do Nothing	ALT 2A Commission Sundowner Well	ALT 2C Commission New Well	ALT 2F Connect to Penetang Water System	RATIONALE  Rest Control Referred Referr
<b>ॐ</b>	TECHNICAL ENVIRONMENT  Operational Complexity  Energy Use Ability to Mitigate Known Issues  Ease of implementation/ complexity of phasing Amount of new infrastructure required					<ul> <li>Alt. 2 proposes no changes to the system and while there will be no impacts to operational complexity or energy use this option does not address key deficiencies.</li> <li>Alt. 2A utilizes an existing licensed well with sufficient land available for expansion of well footprint, if required. Additional on-site water treatment will be required to meet water quality objectives. Alt. 2A will address several issues: Improved Sundowner Well water quality (Issue "B"); increased West Zone capacity (Issue "G"); relief from dependency on Well 7A/7B (Issue "H"); postpones refurbishing of Well 15 (Issue "I"); allows for abandonment of Well 12 (Issue "J") and Well 1A (Issue "K"); and provides more sustainable water service for future development (Issue "L"). It will result in increased energy use related to operating a new well and associated treatment process (Alt. 2A), but there will be energy savings since pumping requirements from Dominion BPS will be reduced.</li> <li>Alt. 2C proposes a new well site and will require new infrastructure to connect to existing system. Alt. 2A will address several issues: allow the Sundowner Well to be abandoned (Issue "B"), increase supply capacity (Issue "G"), relieve dependency on Wells 7A/7B (Issue "H") and possible abandonment of Wells 15, 1A, and 12 if new well has sufficient capacity (Issues "I", "r", "K"). It may also provide a more sustainable water service for future development (Issue "L") and allow the Town to select a site that does not need additional treatment. Alt. 2C would require the completion of a separate Schedule 'C' Class EA including a groundwater exploration program with test wells to find a new location and acquisition of MECP Permit to Take Water. It will result in increased energy use related to operating a new well, but will incur energy savings since the pumping requirements from Dominion BPS will be reduced.</li> <li>Alt. 2F requires approximately 2 km of 450mm diameter watermain to connect to the existing water system and possibly a booster station</li></ul>
***	NATURAL ENVIRONMENT  Terrestrial Wildlife (including Species at Risk) & Vegetation  Fisheries / Aquatic  Surface Water / Groundwater	•	•	0		Since Alt. 2 proposes no changes there is no potential to impact area wildlife, fish/fish habitat, vegetation, surface water or groundwater. Alt. 2A will have a low potential to impact natural heritage features given that it utilizes an existing municipal site. Alt. 2C will have the greatest potential to impact the natural environment (depending on location) since it requires a new site. In comparison, Alt. 2F will have a reduced potential for impact since it proposes construction within an existing municipal right-of-way.
**	SOCIAL ENVIRONMENT     Land Use / Residential & Business Impacts     Noise / Air Quality / Aesthetics     Climate Change	•	•	•	•	<ul> <li>Alt. 2 proposes no changes to the system so it cannot accommodate planned growth and is therefore not in conformance with land use policies. Alts. 2A, 2C, and 2F all propose improvements to accommodate planned growth and are in conformance with land use policies.</li> <li>Alt. 2A will have the least potential to impact aesthetics, noise, and air quality given that it utilizes an existing well. Alt. 2C &amp; 2F propose new construction and will have a similar potential for impact .</li> <li>Climate Change - Alt. 2A has the lease potential to impact climate change given that it proposes use of an existing well.</li> </ul>
Î	CULTURAL ENVIRONMENT     Archaeological     Built Heritage and Cultural     Heritage Landscapes			$\circ$		<ul> <li>Alt. 2 proposes no construction and Alt. 2A utilizes an existing well site so there is limited potential to impact heritage resources. Alt.</li> <li>2C has an increased potential for impact given that it proposes a new well site &amp; will likely require additional study to confirm. Alt. 2F proposes construction within an existing, previously disturbed right-of-way.</li> </ul>
<b>S</b>	Construction Costs / Property acquisition & Operating & Maintenance Costs	0		•	0	<ul> <li>Alt. 1 proposes no construction, but operating/maintenance costs may increase over time as the system deteriorates.</li> <li>Alts. 2A utilizes an existing municipal property. Alt. 2C will require property and &amp; Alt. 2F may require property to accommodate a booster pump station. Alt. 2A will incur costs associated with water treatment, but will be the least expensive to implement. Alt. 2F will incur greater costs associated with construction of linear infrastructure.</li> </ul>
	OVERALL SCORING					

NOTE: The "Do Nothing" alternative (Alt 2) does not address key deficiencies and is not considered a viable option. As part of the Class EA process it is included as a benchmark to gauge the potential for impact.

PREFERRED WATER SUPPLY ALTERNATIVE



# **TABLE 3: EVALUATION OF SHORT LIST CAPACITY ALTERNATIVES**



EV	ALUATION CRITERIA	ALT 3 Do Nothing	ALT 3A Pump Station Upgrades at Hanley St.	ALT 3B Dedicate Well 15 to Lescaut Zone	ALT 3C Pump Station Upgrades at Everton	RATIONALE    Continuous   Conti
<b>\$</b>	TECHNICAL ENVIRONMENT  Operational Complexity  Energy Use Ability to Mitigate Known Issues  Ease of implementation/ complexity of phasing  Amount of new infrastructure required	0	•	•	•	<ul> <li>Alt. 3 proposes no changes to the system so there would be no changes to the operational complexity and it would not address key deficiencies.</li> <li>Alt. 3B dedicates Well 15 to the Lescaut Pressure Zone and utilizes/optimizes existing infrastructure, while still requiring a new fire pump at Hanly PS</li> <li>Alt. 3A and 3C both propose upgrades to the an existing pump station in the form of additional duty pump and a fire pump and will have a similar positive impact. Both alternatives will result in a new operating procedure and a higher pump capacity with new pumps to maintain.</li> <li>Alt. 3A and 3C both propose upgrades that will result in increased energy use due to higher capacity pumps. Alt. 3B will have minimal impact on energy use.</li> <li>Alt. 3 proposes no improvements so existing deficiencies would continue with no optimization. Alts. 3B, 3A and 3C propose upgrades that maximize existing infrastructure.</li> <li>Alts. 3B &amp; 3A will provide increased fire flow supply capacity in Lescaut Zone (issue "F")</li> <li>Alt. 3C will provide more sustainable water service for future development (issue "L").</li> <li>Alts. 3B, 3A and 3C propose upgrades that can be accommodated at the existing location and facilitate future phasing.</li> <li>Alt. 3A and 3C propose upgrades and will require a similar amount of new infrastructure. Alt. 3A and Alt 3C require new duty and fire pump at the Hanly BPS and at the Everton BPS respectively. Alt. 3B requires only new fire pump.</li> </ul>
	NATURAL ENVIRONMENT  Terrestrial Wildlife (including Species at Risk) & Vegetation  Fisheries / Aquatic  Surface Water / Groundwater	•	•	•	•	<ul> <li>Since Alt. 3 proposes no changes there is no potential to impact area wildlife, fish/fish habitat, vegetation, surface water or groundwater. Alts. 3A, 3B and Alt. 3C propose upgrades that will not change the overall footprint and will therefore have a similar low potential to impact area natural heritage features.</li> </ul>
**	SOCIAL ENVIRONMENT     Land Use / Residential &     Business Impacts     Noise / Air Quality / Aesthetics     Climate Change	$\circ$	•	•	•	<ul> <li>Alt. 3 proposes no changes to the system so it cannot accommodate planned growth and is therefore not in conformance with land use policies. Alts. 3A, 3B, and 3C propose improvements to accommodate planned growth and are in conformance with land use policies.</li> <li>Alts 3A, 3B and 3C propose upgrades within an existing facility; however, Alt. 3C is situated in a rural area and will have a lower potential to impact area residents &amp; businesses, aesthetics, noise and etc.</li> <li>Climate Change – All three options propose the use of existing infrastructure which will minimize impacts to the area environment which will minimize impacts to climate change. The upgrades at the pump stations could include energy efficiencies to assist in reducing impacts to climate change.</li> </ul>
Î	CULTURAL ENVIRONMENT     Archaeological     Built Heritage and Cultural     Heritage Landscapes	•	•	•		<ul> <li>Alt. 3 proposes no construction so there is no potential to impact heritage resources. Alts. 3A, 3B and Alt. 3C propose upgrades that will not change the overall footprint and will therefore have a low potential to impact heritage resources.</li> </ul>
	Construction Costs / Property acquisition & Operating & Maintenance Costs					<ul> <li>Alt. 3 proposes no construction, but operating/maintenance costs may increase over time as the system deteriorates.</li> <li>Property acquisition is not required to accommodate any of the alternatives under consideration.</li> <li>Dedicating a well as proposed with Alt. 3B will be cheaper than an upgrade as proposed with Alts. 3A or 3C and will also have cheaper operating / maintenance costs.</li> </ul>
	OVERALL SCORING	$\bigcirc$		•		

NOTE: The "Do Nothing" alternative (Alt 3) does not address key deficiencies and is not considered a viable option. As part of the Class EA process it is included as a benchmark to gauge the potential for impact.

- PREFERRED CAPACITY ALTERNATIVES



# **TABLE 4: EVALUATION OF LOW PRESSURE ALTERNATIVES**



EV	ALUATION CRITERIA	ALT 4 Do Nothing	ALT 4A  New Pressure Zone &  Booster Pump Station at Hwy 12 & King  Street Area	ALT 4B Connect Area South of Little Lake to West Pressure Zone Via County Rd. 93	RATIONALE  EVALUATION Lesst Preferred  Most Preferred
\$	TECHNICAL ENVIRONMENT  Operational Complexity  Energy Use  Ability to Mitigate Known Issues  Ease of implementation/ complexity of phasing  Amount of new infrastructure required	$\bigcirc$	•		<ul> <li>Alt. 4 proposes no changes to the system so there would be no changes to the operational complexity.</li> <li>Alt. 4A requires the commission and operation of a new Booster Pumping Station (BPS) which will require backup power in case of emergency and staff training. It will require increased energy use for the new BPS, but will eliminate the need to build a new watermain on County Road 93. A BPS is required under current conditions, but there is little space available for a new BPS at Highway 12 and King St. area.</li> <li>Alt. 4B requires a new watermain on County Road 93. It will result in an increase in pumping and operation of Dominion BPS and reliance on this BPS to supply the West Zone and south of Little Lake. Staff training will be required for the new configuration. There will be increased energy use associated with the additional pumping for the Dominion BPS, but it avoids the need to build a new BPS. A drawback of Alt. 4B is that a new watermain is required under existing conditions; however, funding through development charges may not be available until development occurs along County Road 93 between Balm Beach Road and Highway 12, which may not take place until after 2031.</li> <li>Both Alts. 4A &amp; 4B provide a more sustainable water service for future development (Issue "L") and address the low pressure at Hwy 12 and King St (Issue "C").</li> </ul>
<b>N</b>	NATURAL ENVIRONMENT  Terrestrial Wildlife (including Species at Risk) & Vegetation Fisheries / Aquatic Surface Water / Groundwater	•	•	•	<ul> <li>Since Alt. 4 proposes no new infrastructure there is no potential to impact area wildlife, vegetation, aquatic species, surface water or groundwater.</li> <li>Alt. 4A requires a new property to accommodate a new BPS and has the potential to impact natural heritage features (depending on location). Alt. 4B requires the construction of servicing infrastructure within and existing right-of-way (i.e. County Road 93) which also has the potential to impact natural heritage features during construction (i.e. water crossings, vegetation removal etc.)</li> </ul>
**	SOCIAL ENVIRONMENT     Land Use / Residential & Business Impacts     Noise / Air Quality / Aesthetics     Climate Change	0	•	•	<ul> <li>Alt. 4 proposes no changes to the system so it cannot accommodate planned growth and is therefore not in conformance with land use policies. Alts. 4A &amp; 4B both propose improvements that will accommodate planned growth and are in conformance with land use policies.</li> <li>Alt. 4A requires the construction of a new BPS facility that may have the potential to impact area aesthetics, residents and businesses (depending on location). Alt. 4B which proposes construction within an existing right-of-way will have an increased potential to impact area residents/businesses during the construction process as construction will be required on County Road 93.</li> <li>Climate Change – Alt. 4A proposes a new facility which will result in increased energy usage and the loss of some vegetation and has potential to impact climate change. Alt. 4B proposes construction within an existing municipal right-of-way which minimizes vegetation removal and subsequent carbon dioxide removal. The re-construction of the corridor(s) may provide opportunity to implement Low Impact Development (LID) features to increase infiltration. There is the potential to site the Alt. 4A BPS away from a water feature to minimize its vulnerability to extreme weather events (flooding).</li> </ul>
Î	CULTURAL ENVIRONMENT  - Archaeological  - Built Heritage and Cultural Heritage Landscapes	•	•	•	<ul> <li>Alt. 4 proposes no construction so there is no potential to impact heritage resources Alt. 4A proposes construction at a new site and there is an increased potential to impact BH &amp; CHL or archaeological resources and further investigation will likely be required to confirm. Alt. 4B which proposes construction within an existing right-of-way, an area already disturbed.</li> </ul>
	Construction Costs / Property acquisition & Operating & Maintenance Costs		•	•	<ul> <li>Alt. 4 proposes no construction, but operating/maintenance costs may increase over time as the system deteriorates.</li> <li>Alt. 4A will require property acquisition to accommodate a BPS facility. Alt. 4B will not require property.</li> <li>Alt. 4A &amp; 4B are expected to have similar construction costs, but Alt. 4B will have less operation/maintenance costs in comparison to Alt. 4A.</li> </ul>
	OVERALL SCORING	$\bigcirc$			

NOTE: The "Do Nothing" alternative (Alt 4) does not address key deficiencies and is not considered a viable option. As part of the Class EA process it is included as a benchmark to gauge the potential for impact.

PREFERRED LOW PRESSURE ALTERNATIVE



# **TABLE 5: EVALUATION OF REDUNDANCY ALTERNATIVES**



EV	ALUATION CRITERIA	ALT 5 Do Nothing	ALT 5A Construct Twin 300mm watermain on Harbourview Rd.	ALT 5B Connect to Penetanguishene Via Fuller Ave.	RATIONALE  EVALUATION LIGITION
<b>\$</b>	TECHNICAL ENVIRONMENT  Operational Complexity Energy Use Ability to Mitigate Known Issues Ease of implementation/ complexity of phasing Amount of new infrastructure required	0	•	•	<ul> <li>Alt. 5 proposes no changes to the system so there would be no changes to the operational complexity.</li> <li>Alt. 5A proposes to construct twin 300 mm watermain on Harbourview Road. ALT. 5B proposes a connection to Penetanguishene via Fuller Avenue.</li> <li>Alt. 5A would have a reduced operational complexity in comparison to Alt. 5B which would require an agreement between Midland and Penetanguishene on the quantity of water provided as well as a dedicated watermain between reservoirs in the system and potentially a BPS.</li> <li>Alts. 5A avoids a connection to Penetanguishene and the commissioning of a new well or recommissioning an old well in Sunnyside area. It may result in a possible conflict with major utilities along Harbourview Drive (hydro, sanitary sewers forcemains, existing watermain) and may require road improvement/widening.</li> <li>Alts. 5A and 5B would have a similar limited increase in energy use. Both Alts. 5A &amp; 5B will equally address the redundancy issue in Sunnyside (i.e. Issue 'A').</li> <li>Alt. 5B avoids twinning a watermain along Harbourview Drive and the commissioning a new well or recommissioning an old well in Sunnyside area. Alt. 5B would require the routing of a new watermain along Fuller Avenue.</li> <li>Alt. 5A can be sized for Penetanguishene if interconnection concept moves forward.</li> </ul>
	NATURAL ENVIRONMENT  Terrestrial Wildlife (including Species at Risk) & Vegetation  Fisheries / Aquatic  Surface Water / Groundwater	•	•	•	<ul> <li>Since Alt. 5 proposes no changes to the existing system and no new infrastructure there is no potential to impact natural heritage features.     Both Alts. 5A &amp; 5B require the construction of a new watermain within an existing right-of-way; however, Alt. 5A may require road widening which will result in an increased footprint and increased potential to impact area natural heritage features.</li> <li>Alts. 5A &amp; 5B have the potential to impact water crossings and associated aquatic habitat during construction within the right-of-way.</li> <li>Alts. 5A &amp; 5B have the potential for impacts during construction (i.e. dewatering).</li> </ul>
**	Land Use / Residential & Business Impacts     Noise / Air Quality / Aesthetics     Climate Change	$\bigcirc$	•	•	<ul> <li>Alt. 5 proposes no changes to the system so it cannot accommodate planned growth and is therefore not in conformance with land use policies. Alts. 5A &amp; 5B propose improvements to accommodate planned growth and are in conformance with land use policies.</li> <li>Alts. 5A &amp; 5B will have a similar potential to impact area aesthetics, noise, and air quality during the construction process.</li> <li>Climate Change – Both options propose construction within an existing municipal right-of-way which minimizes vegetation removal and subsequent carbon dioxide removal. The re-construction of the corridor(s) may provide opportunity to implement Low Impact Development (LID) features to increase infiltration. The location in proximity to a watercourse may make it vulnerable to extreme weather events (flooding).</li> </ul>
Î	Archaeological     Built Heritage and Cultural Heritage     Landscapes	•	•	•	<ul> <li>Alt. 5 proposes no construction so there is no potential to impact heritage resources. Alts. 5A &amp; 5B require construction within an existing, previously disturbed municipal right-of-way that is unlikely to offer any further archaeological potential. Both options will have a similar low potential to impact BH &amp; CHL resources.</li> </ul>
	Construction Costs / Property acquisition & Operating & Maintenance Costs  ECONOMIC ENVIRONMENT  ACQUISITION ACCUISITION ACCUISITION ACQUISITION ACCUISITION ACCUISITI ACCUISITI ACCUISIT			•	<ul> <li>Alt. 5 proposes no construction, but operating/maintenance costs may increase over time as the system deteriorates.</li> <li>Alts. 5A &amp; 5B will have similar construction costs and similar operation/maintenance costs.</li> </ul>
	OVERALL SCORING	$\bigcirc$		•	

NOTE: The "Do Nothing" alternative (Alt 5) does not address key deficiencies and is not considered a viable option. As part of the Class EA process it is included as a benchmark to gauge the potential for impact.

- PREFERRED REDUNDANCY ALTERNATIVE



# PRELIMINARY RECOMMENDED STRATEGY AND PROJECTS



# Short Term (1 - 5 years)

- Upgrade Everton BPS (Alt. 3C)
- Upgrade Hanly BPS (Alt. 3A)
- Abandon Well 12 (Alt. 2A)
- Abandon Well 1A (Alt. 2A)
- Twin Harbourview Drive (Alt. 5A) Opportunity to coordinate with installation of twin forcemains and road improvements

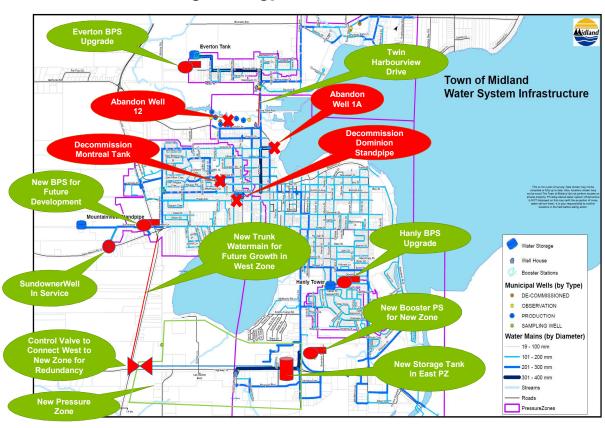
# Mid Term (5 - 10 years)

- New BPS for New Zone in the South (Alt. 4A)
- New "South" Pressure Zone (Alt. 4A)

# Long Term (15 - 20 years)

- New Storage in the East Pressure Zone (Alt. 1B).
   Dominion & Montreal Standpipes to be decommissioned.
- Commission Sundowner Well (Alt. 2A) Subject to 72 hour pump test to confirm Trichloroethylene (TCE) levels and treatment requirements-feasibility (previous test showed TCE levels are within Provincial Water Quality Objectives for human consumption). c

# **Preferred Servicing Strategy**



- New BPS at Balm Beach Road for future development (required long term to avoid low pressure issues)
- New trunk watermain for future growth in the West Zone along Highway 93 (Alt. 4B)



# **MUNICIPAL CLASS EA PROJECT SCHEDULES**



Recommended Strategy	Municipal Class EA Project Schedule
Short Term (1-5 Years)	
Upgrade Everton Booster Pump Station (Alt. 3C)	Schedule A (See Class EA pg. 1-11 Item 2)
Upgrade Hanley Booster Pump Station (Alt. 3B)	Schedule A or B (depending if new structure required) (See Class EA pg. 1-11 Item 2) (See Class EA pg. 1-16 Item 4)
Abandon Well 12 & Well 1A (Alt. 2A)	Schedule A + (See Class EA pg. 1-13, Item 5)
Twin Harbourview Drive (Alt. 5A)	Schedule A+ or B (depending if within or outside right-of-way) (See Class EA pg. 1-13, Item 1) (See Class EA pg. 1-6, Item 1)
Mid Term (5-10 Years)	
New Booster Pump Station for New Zone in South (Alt. 4A)	Schedule A or B  (depending if within existing municipal property)  (See Class EA pg. 1-13, Item 1)  (See Class EA pg. 1-16, Item 1)
New South Pressure Zone (Alt. 4A)	Schedule C (See Class EA pg. 1-19, Item 1)
Long Term (15–20 years)	
New Storage East Pressure Zone (Alt. 1B)	Schedule B (See Class EA pg. 1-16, Item 6)
Commission Sundowner Well (Alt. 2A)	Schedule B (See Class EA pg. 1-17, Item 8)
Decommission Dominion Storage Tank	Schedule A + (See Class EA pg. 1-13, Item 5)
Decommission Montreal Storage Tank	Schedule A + (See Class EA pg. 1-13, Item 5)
New Booster Pump Station at Balm Beach Road	Schedule B (See Class EA pg. 1-16, Item 1)
New Trunk Watermain in West Zone on Hwy 93 (Alt. 4B)	Schedule A or B  (depending if within existing municipal property)  (See Class EA pg. 1-13, Item 1)  (See Class EA pg. 1-16, Item 1)

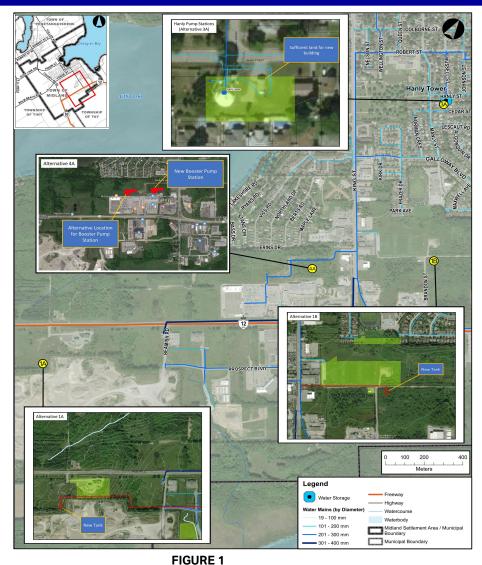
- This undertaking is being completed in accordance with the Municipal Class Environmental Assessment (Oct. 2000, as amended 2007, 2011 & 2015) with the intent of addressing Phases 1 and 2 of the Class EA process thereby fulfilling the requirements for the Schedule 'A', 'A+', and select 'B' projects identified within the document.
- The final notice for this Master Plan update will be considered the Notice of Completion for the Schedule 'B' projects.
- As such, the municipality can proceed to implementation for the Schedule 'A', 'A+', and select 'B' projects without further Class EA requirements.
- Identified Schedule 'C' projects would require the completion of an additional Class EA planning process.

Note: The Municipal Class EA schedule as identified is preliminary and will be confirmed once additional details of work proposed become available.



# SCHEDULE 'B' STORAGE & PUMP STATION SITING OPTIONS





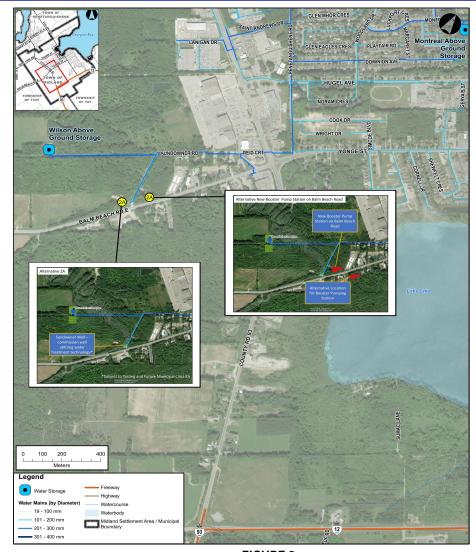


FIGURE 2



# **NEXT STEPS**



# **Summer 2019**

• Following Public Information Centre No. 2, the Project Team will consider your comments regarding the recommended Water Supply and Servicing Strategy (recommended infrastructure projects)

# Fall 2019

- Place Master Plan Update Project File Report on public record
- Publish Notice of Completion and commence 30 day review period
- Respond to comments and document EA process closure

# 2019 to 2020

- Complete Preliminary and Detailed Design for select infrastructure projects
- Obtain approvals and proceed with tender-construction for select infrastructure projects

# **PUBLIC PARTICIPATION**





# We Want to Hear From You!

- Your input is appreciated and will assist the Project Team in defining any issues with the current water system and in developing the preferred water supply and strategy including recommended municipal infrastructure projects. Please feel free to complete a PIC No. 2 Comment Sheet.
- Please submit the completed Comment Sheet to the municipality by June 28, 2019 to either of the following members of the Study Team:

Chuck Fiddy Manager Town of Midland 200 Bay Street Midland, ON L4R 1J5

Tel: 705-526-4268 Ext. 4202

Fax: 705-528-6072

Email: <a href="mailto:cfiddy@midland.ca">cfiddy@midland.ca</a>

Andrea Potter, B.E.S.
Senior Environmental Planner
AECOM

55 Cedar Pointe Drive, Suite 620 Barrie, ON L4N 5R7

Tel: 705-797-3278 Fax: 705-734-0764

Andrea.Potter@aecom.com





To: Andy Campbell, Town of Midland

CC: Chuck Fiddy, Town of Midland Mitch Sobil, Town of Midland Karl Grueneis, AECOM Semyon Chaymann, AECOM AECOM Canada Ltd. 55 Cedar Pointe Drive Suite 620 Barrie, ON L4N 5R7 Canada

T: 705.721.9222 F: 705.734.0764 aecom.com

Project name:

Town of Midland Waterworks Master Plan Update

**Project ref:** 60593529

From: Andrea Potter

**Date:** May 31, 2019.

# Memo

Subject: Town of Midland Waterworks Master Plan

**Public Information Centre No. 2 Summary** 

The purpose of this memo is to provide a brief summary of Public Information Centre (PIC) No. 2 held Thursday, May 30, 2019 for the Town of Midland Waterworks Master Plan Update. This undertaking is being completed in accordance with Master Planning Process Approach #2 as identified in the Municipal Class Environmental Assessment (Oct. 2000, as amended 2007, 2011 & 2015) with the intent of fulfilling the Class EA requirements for the Schedule 'A', 'A+', and select Schedule 'B' projects identified within the Master Plan. PIC No. 2 was scheduled as part of Phase 2 of the Class EA process to present the alternative solutions under consideration.

### 1.0 PIC No. 2 Details

Date: Thursday, May 30, 2019.

Time: 4:00 p.m. to 8:00 p.m. (first hour dedicated to key

stakeholders only)

Location: North Simcoe Sports and Recreation Centre

527 Len Self Boulevard Midland, ON L4R 5N6



# 2.0 Project Representatives in Attendance at the Meeting

The following representatives from the Town and AECOM were in attendance and available to answer questions:

Andy Campbell Town of Midland, Director of Engineering Water and Wastewater

Chuck Fiddy Town of Midland, Project Manager

Mitch Sobil
Town of Midland, Senior Project Manager
Madeline Twitchin
Town of Midland, Executive Assistant
Karl Grueneis
AECOM, Senior Environmental Planner
Andrea Potter
AECOM, Senior Environmental Planner

# 3.0 Format of Presentation

An informal, drop-in style format was utilized for this meeting. A total of 28 exhibits were displayed that presented the following information: Class EA process; project background; the problem / opportunity; anticipated growth and planned development; issues affecting the current water servicing system; summary of existing conditions; long list solutions; evaluation of short listed solutions; the preliminary Recommended Strategy; and the applicable Class EA Project Schedule for the recommended projects.

Comment sheets were provided and the public was advised that the PIC material would be available for download from the Town's website at <a href="https://www.midland.ca">www.midland.ca</a>.

### 4.0 Attendance

A total of 14 people signed in. Attendees included several Land Developers, consultant representatives for property owners, area residents as well as representatives from the Town of Penetang (Moe Lefaive, Chief Water Operator) and the Martyrs' Shrine. A copy of the sign-in sheet is included in Appendix 'A' of this memo.

### 5.0 Main Concerns/Issues

One comment sheet was submitted at the PIC (see Appendix 'B'). The respondent indicated that the issues were well explained and logical and noted that they had no concerns with the Alternative Solutions or Preliminary Recommended Servicing Strategy as presented. They indicated that the justification flowed well with the proposed solutions. In general, feedback from one-on-one discussions was very positive and no objections were stated by attendees.

Some of the key concerns or issues discussed with individuals at the meeting included the following:

- How will my land holdings be serviced?
- What is the implementation schedule for recommended projects?
- Has MTO provided any comments to date?
- How do the projects recommended today differ from the 2013 Waterworks Master Plan Study?
- Interest in extending sanitary sewer system to Tay Township-Martyrs Shrine (currently receives municipal water from Midland).
- Support for connecting the Midland and Penetanguishene municipal water systems when the time is right (recognizing there is mutual benefits to both municipalities).
- How often is the municipal water tested for complying with government guidelines? Where can results be viewed?

### 6.0 Next Steps

This memo and comments received after PIC No. 2 will form part of the EA consultation record.

\\catrt4vfp001\\projects\60593529\400-Technical\431 Class EA\04-Consultation\03-Notice of PIC No. 2\07-PIC 2 Summary\60593529 Midland MP PIC 2 Summary Memo May-31-2019 DRAFT.docx

We want to hear from you! The Town of Midland has initiated an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This proposed update to the existing Waterworks Master Plan will provide a comprehensive water servicing infrastructure plan for the community for the next 20 years. We value your feedback. By filling out this comment sheet your feedback and insights about the EA Study will be documented and considered.

		Please Print Your Name ar	nd Contact Inforn	nation Below:
	Name:			
	Address:			
T	elephone:		Email:	
1.			ation in the futur	
2.	Yes	ind the information presented a  No at additional information would		
3.		ave any comments on the studesthetics, growth in the study a		d opportunities (i.e. water



If yes, please go to

# **COMMENT SHEET**

# MIDLAND WATERWORKS MASTER PLAN UPDATE

4.	Does the evaluation criteria presented capture what is important to you and your community?
	Yes No
	Are there other evaluation criteria that have been missed and should be considered?
5.	Do you have any concerns with the Alternative Solutions under consideration or the Preliminary Recommended Servicing Strategy as identified?
6.	General Comments: Please identify any other issues that you have observed with your current water supply. (Please print)

**THANK YOU!** 

www.midland.ca/pages/waterworks\_master\_plan to complete the questionnaire.

7. Would you like to complete a water user survey?



# Please submit your written comments\* before leaving the meeting or mail / email them by June 30th, 2019

Chuck Fiddy, Manager Town of Midland – Water and Wastewater Services

200 Bay Street Midland, ON L4R 1J5

Tel: 705-526-4268 Ext. 4202

Fax: 705-528-6072

Email: cfiddy@midland.ca

Andrea Potter, Senior Environmental Planner

AECOM

55 Cedar Pointe Drive, Suite 620

Barrie, ON L4N 5R7 Tel: 705-797-3278 Fax: 705-734-0764

Andrea.Potter@aecom.com

\* Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.





Comments Received / Response Provided

### Potter, Andrea

From: Potter, Andrea
Sent: May-30-19 9:46 AM

To: Chuck Fiddy

Cc: Andy Campbell (acampbell@midland.ca); Wesley Crown (wcrown@midland.ca);

Chaymann, Semyon; Grueneis, Karl

Subject: RE: Waterworks Master Plan

### Hi Chuck,

I have added both Giordana Sita and Victoria McCrum to the Project Contact List as requested.

I spoke with Giordana this morning. Their office represents the landowner for the parcel in the northeast quadrant of the intersection of County Road 93 / Highway 12. They are planning to attend the hour timeslot from 4:00 pm to 5:00 pm in advance of the main PIC today.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Chuck Fiddy [mailto:cfiddy@midland.ca]

Sent: May-27-19 3:50 PM

To: Potter, Andrea

Subject: Fwd: Waterworks Master Plan

Please add to the email list

Chuck

Get Outlook for iOS

From: Giordana Sita <gsita@nadg.com> Sent: Monday, May 27, 2019 3:18:28 PM

To: Chuck Fiddy Cc: Victoria McCrum

Subject: Waterworks Master Plan

CAUTION: This email originated from <u>outside of the organisation</u>. Please DO NOT click (or follow) any links, open any attachments or follow any instructions unless you recognise the sender and the intent or you are certain the content is safe.

Remember; if you are in doubt, it is always safer to DELETE the message and initiate contact with the sender directly. If you have any questions, please contact IT Support.

Hi Chuck,

Can you please add myself and my colleague Victoria, cc'd on this email, to the notification list for the Waterworks Master Plan?

Thanks,

# Giordana Sita

Manager, Planning & Research North American Development Group 2851 John Street, Suite One, Markham, Ontario L3R 5R7 P: 905-968-3159 C: 416-825-5916 TF: 1-866-563-9200 E: gsita@nadq.com



# **COMMENT SHEET**

Public Information Centre #2 May 2019

We want to hear from you! The Town of Midland has initiated an update to the existing Waterworks Services Master Plan (2013) to reflect growth in the community, planned development, and operational changes. This proposed update to the existing Waterworks Master Plan will provide a comprehensive water servicing infrastructure plan for the community for the next 20 years. We value your feedback. By filling out this comment sheet your feedback and insights about the EA Study will be documented and considered.

	Please Print Your Name and Contact Information Below:
	Name:
	Address:
	lephone:
	low would you prefer to receive information in the future?
	Regular mail I do not wish to receive further information
	E-mail
	Did you find the information presented at PIC No. 2 helpful and informative?
	Yes No
	f not, what additional information would you like to receive?
	the contract of the contract of the second o
	THE REPORT OF THE PROPERTY OF
	Do you have any comments on the study's problems and opportunities (i.e. water quality aesthetics, growth in the study area, etc.)?
	WE FELT THAT ISSUES WIRE WELL
	CHPLAINER & LOGICAL
	CYPLAINUS Y LOGICAL



# **Public Information Centre #2** May 2019

# **COMMENT SHEET**

	WE TRUST PHE JUDGEMENT OF THE B
5.	Do you have any concerns with the Alternative Solutions under consideration Preliminary Recommended Servicing Strategy as identified?
	NO - JUSTIFICATION FLOWS WHILL
	2 Prayou at a the a raymetter presented as Ellins a heer taken and an a
8	THE THE PERSON OF THE PERSON AND ADDRESS OF THE PERSON OF
6.	General Comments: Please identify any other issues that you have observed current water supply. (Please print)

4. Does the evaluation criteria presented capture what is important to you and your





# COMMENT SHEET

# Please submit your written comments\* before leaving the meeting or mail / email them by June 30th, 2019

Chuck Fiddy, Manager
Town of Midland – Water and Wastewater Services

200 Bay Street

Midland, ON L4R 1J5

Tel: 705-526-4268 Ext. 4202

Fax: 705-528-6072

Email: cfiddy@midland.ca

Andrea Potter, Senior Environmental

Planner AECOM

55 Cedar Pointe Drive, Suite 620

Barrie, ON L4N 5R7 Tel: 705-797-3278 Fax: 705-734-0764

Andrea.Potter@aecom.com

\* Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.





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### Potter, Andrea

From: Potter, Andrea Sent: July-11-19 12:07 PM To: 'Elena Bifolchi'

Cc: Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl; Provencal, Randy; Wan,

Benny; Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca);

Wesley Crown (wcrown@midland.ca) RE: Midland Waterworks Master Plan

Attachments: 711 Aberdeen Blvd - Gino Bifolchi Lisgar Const. zoom in.pdf

### Hi Elena,

Subject:

Thank you for your email. We understand that your area of concern is near 711 Aberdeen Blvd. as illustrated on the attached map. Please note that we are not proposing any new facilities or upgrades in proximity to the identified location.

Our next step in this process is to issue a Master Plan Update Project File Report for public review which will document the Class EA process completed. This is expected to be available in the Fall. I have added you to the contact list so you will receive notification when the document is available for review.

If you have any further questions, please feel free to give me a call.

Andrea Potter, B.E.S. Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Elena Bifolchi [mailto:elena.scave@outlook.com]

Sent: July-11-19 11:03 AM

To: Potter, Andrea

Subject: Re: Midland Waterworks Master Plan

Hi Andrea.

Thank you for your reply. The subject area is in and around at 711 Aberdeen Blvd.

Thanks again for your assistance, Elena Bifolchi

From: Potter, Andrea <andrea.potter@aecom.com>

Sent: July 9, 2019 5:28:14 PM

To: Elena Scave (elena.scave@outlook.com)

Cc: Chaymann, Semyon; Grueneis, Karl; Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca);

Wesley Crown (wcrown@midland.ca); Provencal, Randy

Subject: Midland Waterworks Master Plan

Hello Elena,

I received your voice message regarding the Midland Waterworks Master Plan project. I understand that you work for Mr. Gino Bifolchi of Lisgar Construction and that you would like to see a bigger map that shows the areas affected.

Please note that the PIC No. 2 material is available on the Town's website at the following link....

https://www.midland.ca/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%20PIC%20No.%202%20May-24-2019%20FINAL%20rev\_24x36.pdf

Exhibit 24 summarizes the Preferred Strategy and Exhibit 25 identifies the appropriate Class EA schedule for each of the projects that make up the Preferred Strategy. Exhibit 26 presents more localized mapping for the Schedule 'B' project sites.

In order to provide you with the appropriate mapping that you have requested it would be helpful if you could please confirm the location within the municipality that is of your concern. If you could provide me with a general area then I can let you know of any improvements that are proposed in the subject area.

Please feel free to call me if you want to discuss this further.

Thanks.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
<a href="mailto:andrea.potter@aecom.com">andrea.potter@aecom.com</a>

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### Potter, Andrea

From: Potter, Andrea Sent: July-15-19 4:46 PM To: 'Patel, Vivian'

Cc: O'Reilly, Stephen; Chaymann, Semyon; Grueneis, Karl; Provencal, Randy; Andy

Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca); Wesley Crown

(wcrown@midland.ca)

Subject: RE: Town of Midland Waterworks Master Plan Update File No. 60593529

Hi Vivan,

I received your email below. I apologize for the delay in getting back to you.

Following PIC No. 2 we have been working on some cost estimates and additional analysis to confirm the Preferred Strategy and we are hoping to make the Master Plan Update document available for public review in the Fall. The PIC no. 2 material is currently available on the Town's website at www.midland.ca.

You have been added to the project contact list so you will be forwarded any future notifications regarding the project. In the meantime, if you have any specific questions or concerns, please feel free to give me a call.

### Andrea Potter, B.E.S.

Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

### **AECOM**

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From: Patel, Vivian [mailto:Vivian.Patel@am.jll.com]

Sent: July-02-19 8:57 AM

To: Potter, Andrea Cc: O'Reilly, Stephen

Subject: Re: Town of Midland Waterworks Master Plan Update File No. 60593529

Hi Andrea.

I hope you had a wonderful long weekend!

I wanted to follow up to see if there are any updates available regarding the Waterworks Master Plan, or if any of the notes from the public meeting can be shared.

Thank you,

### **Vivian Patel**

Urban Planner
Bay Adelaide East | 22 Adelaide St. West, 26<sup>th</sup> Floor | Toronto, ON M5H 4E3
Direct (416) 391 6971
<u>Vivian.Patel@am.jll.com</u>
www.JLL.ca



Achieve Ambitions

From: "Potter, Andrea" < andrea.potter@aecom.com>

Date: Wednesday, May 22, 2019 at 4:01 PM

To: "Patel, Vivian" <Vivian.Patel@am.jll.com>, "O'Reilly, Stephen" <Stephen.OReilly@am.jll.com> Subject: [EXTERNAL] RE: Town of Midland Waterworks Master Plan Update File No. 60593529

Hello Vivian and Stephen,

Public Information Centre No. 2 has been scheduled for the above noted project. Please see the attached letter(s) and copy of the notice.

If you have any questions, please feel free to give me a call.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Potter, Andrea Sent: May-14-19 4:47 PM

To: 'Patel, Vivian'

Cc: Jane Wilson (jwilson@jlrichards.ca); Wesley Crown (wcrown@midland.ca); Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca); Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl; Wan, Benny; Stephen

O'Reilly; Provencal, Randy

Subject: Town of Midland Waterworks Master Plan Update File No. 60593529

Hello Ms. Patel,

Thank you for your email received April 15, 2019 regarding the Town of Midland Waterworks Master Plan Update. Please note that the focus of this email is the water servicing component. While the Town is coordinating the completion of both Master Plans, any updates regarding the Wastewater Master Plan will be addressed separately by JL Richards.

As per our discussion earlier this week, I understand that you represent a landowner at 1165 Brunelle Sideroad in Midland and that you would like to receive information regarding the Waterworks Master Plan Update currently underway. Please note that I have added you to the Project Contact List and you will be forwarded all future notifications regarding this project.

Please note that the municipality initiated the Waterworks Master Plan Update in November 2018. PIC No. 1 was presented in an online format on the Town's website starting February 6, 2019. You can access this information at the following link...

# www.midland.ca/Pages/Waterworks\_Master\_Plan.aspx

We are in the process of scheduling PIC No. 2 for this project to present the alternative solutions under consideration and to provide opportunity for interested parties to discuss the project further with the Project Team. PIC No. 2 is tentatively scheduled for May 30<sup>th</sup>, 2019. A notice regarding PIC No. 2 will be issued shortly.

Please note that it is the intent to schedule an hour timeslot in advance of the main public meeting specifically for key stakeholders (i.e. neighboring municipalities, area developers, and relevant agencies). An invitation to attend this special hour in advance of the main public meeting will be included in the correspondence to be issued to key stakeholders. We have identified you as a key stakeholder on the Project Contact List and the letter to be issued to your office will include this invitation.

As mentioned in our April 29th, 2019 phone discussion, your colleague, Mr. Stephen O'Reilly, also submitted a comment regarding the same property at 1165 Brunelle Sideroad and as we agreed, I have copied him on this email so that everyone involved is kept informed.

If you have any further questions or concerns, please feel free to give me a call.

Thanks.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Patel, Vivian [mailto:Vivian.Patel@am.jll.com]

Sent: April-15-19 8:54 AM

To: Provencal, Randy; jwilson@jlrichards.ca Subject: Water & Waste Master Plan

Good Morning Jane and Randy,

I hope this email finds you well.

I was referred to you both by Angela Zhou, Planner at the Town of Midland. I am working on behalf of a land owner in Midland and I am reaching out for two reasons—firstly, I would like to be added to the contact list to receive documents and notice about public hearings regarding the waste and water master plan.

Secondly, I would like to gain any insight or update on which stage the master plan is in. Have any specific studies been completed? If so, which studies and are there copies I can have access to. Are there any drafts that are publicly available, again, if so, can I have a copy.

Thank you in advance.

### Vivian Patel

Urban Planner
Bay Adelaide East | 22 Adelaide St. West, 26<sup>th</sup> Floor | Toronto, ON M5H 4E3
Tel (416) 304-6000 ext. 6971 | Fax (416) 304-6001
vivian.patel@am.jll.com
www.jll.ca



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### Potter, Andrea

From: Potter, Andrea Sent: July-11-19 12:07 PM To: 'Elena Bifolchi'

Cc: Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl; Provencal, Randy; Wan,

Benny; Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca);

Wesley Crown (wcrown@midland.ca) RE: Midland Waterworks Master Plan

Attachments: 711 Aberdeen Blvd - Gino Bifolchi Lisgar Const. zoom in.pdf

### Hi Elena,

Subject:

Thank you for your email. We understand that your area of concern is near 711 Aberdeen Blvd. as illustrated on the attached map. Please note that we are not proposing any new facilities or upgrades in proximity to the identified location.

Our next step in this process is to issue a Master Plan Update Project File Report for public review which will document the Class EA process completed. This is expected to be available in the Fall. I have added you to the contact list so you will receive notification when the document is available for review.

If you have any further questions, please feel free to give me a call.

Andrea Potter, B.E.S. Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Elena Bifolchi [mailto:elena.scave@outlook.com]

Sent: July-11-19 11:03 AM

To: Potter, Andrea

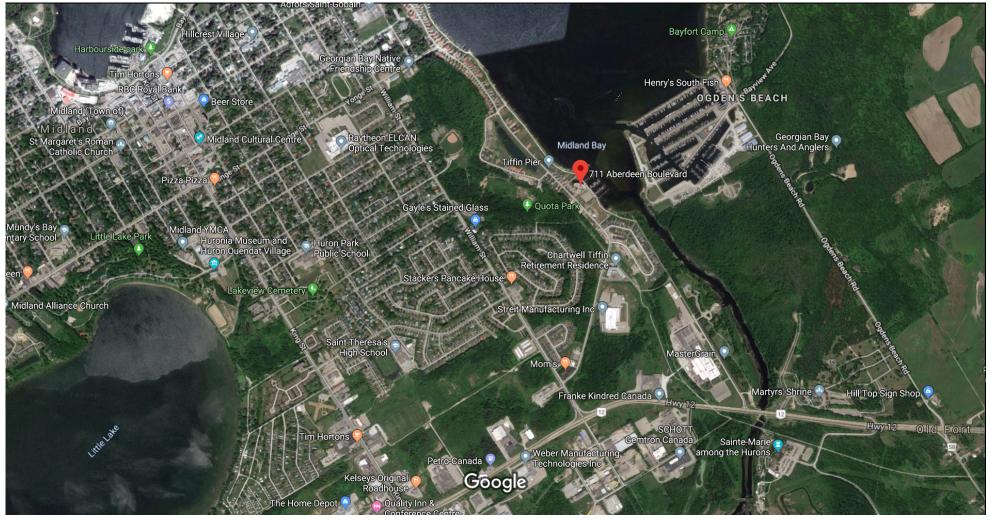
Subject: Re: Midland Waterworks Master Plan

Hi Andrea.

Thank you for your reply. The subject area is in and around at 711 Aberdeen Blvd.

Thanks again for your assistance, Elena Bifolchi

# Google Maps 711 Aberdeen Blvd



Imagery ©2019 Google, DigitalGlobe, Map data ©2019 Google 1000 ft

From: Potter, Andrea <andrea.potter@aecom.com>

Sent: July 9, 2019 5:28:14 PM

To: Elena Scave (elena.scave@outlook.com)

Cc: Chaymann, Semyon; Grueneis, Karl; Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca);

Wesley Crown (wcrown@midland.ca); Provencal, Randy

Subject: Midland Waterworks Master Plan

Hello Elena,

I received your voice message regarding the Midland Waterworks Master Plan project. I understand that you work for Mr. Gino Bifolchi of Lisgar Construction and that you would like to see a bigger map that shows the areas affected.

Please note that the PIC No. 2 material is available on the Town's website at the following link....

https://www.midland.ca/Shared%20Documents/Waterworks%20Master%20Plan%20page/60593529%20Midland%20MP%20PIC%20No.%202%20May-24-2019%20FINAL%20rev\_24x36.pdf

Exhibit 24 summarizes the Preferred Strategy and Exhibit 25 identifies the appropriate Class EA schedule for each of the projects that make up the Preferred Strategy. Exhibit 26 presents more localized mapping for the Schedule 'B' project sites.

In order to provide you with the appropriate mapping that you have requested it would be helpful if you could please confirm the location within the municipality that is of your concern. If you could provide me with a general area then I can let you know of any improvements that are proposed in the subject area.

Please feel free to call me if you want to discuss this further.

Thanks.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
<a href="mailto:andrea.potter@aecom.com">andrea.potter@aecom.com</a>

#### **AECOM**

55 Cedar Pointe Drive Barrie, ON L4N 5R7, Canada T +1-705-721-9222 aecom.com

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**From:** Potter, Andrea

**Sent:** November-05-19 9:32 AM **To:** Paul Ryan (pryan@midland.ca)

Cc: Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca); Wesley

Crown (wcrown@midland.ca); Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl;

Provencal, Randy; Wan, Benny

**Subject:** Midland Water Master Plan

Attachments: Fire Chief Paul Ryan Comment Sheet.pdf

Hello Chief Ryan,

Jane Wilson of J.L. Richards & Associates Ltd. forwarded a comment sheet (see attached) that you submitted in response to a Notice of Commencement that their office issued. Given that your comment relates to water servicing she forwarded it to my attention since our office is working on the Water Servicing Master Plan Update for the Town.

As noted on the attached comment sheet we understand that you would like to see fire hydrants with fire flows available everywhere in the Town. Please note an available fire flow analysis was completed as part of the hydraulic modelling analysis and evaluation of the existing conditions in the Town of Midland. A summary of the existing conditions, including available fire flow through the Town, will be included in the Water Master Plan Report which should be available later this year.

We have added you to the Project Contact List and therefore you will be notified when the Master Plan document is available for the 30 day public review period.

In the meantime, if you have any further questions, please feel free to give me a call.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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# Town of Midland Schedule "B" Municipal Class Environmental Assessment Midland Wastewater Master Plan

<u>Comment Form</u>
Name (please print):  ### ### ############################
Date: <u>Sept 16/19</u>
I represent a(n): ☐ Resident ☐ Agency ☐ Public Interest Group
□Other Stakeholder, Specify:
Do you wish to receive updates in regards to this project?: ☑ Yes ☐ No
Contact Information
Agency (if applicable): Midland Fire Departure
Address (number, street and apt. no.): 550 Bay 5 Lave Drive
City, Province, Postal Code: Midlad On
Phone: 705-526-4275 Email: pryano molland. ca
Please indicate any issue(s) that need to be explored/investigated as part of this Class EA:  Would like to SEE fire the draft with  Fire flows and lable every where in the Town.
Please provide any additional comments about this Class EA:

Jane Wilson, P.Eng Environmental Engineer J.L. Richards & Associates Limited 450 Speedvale Ave W Suite 107 Guelph ON, N1H 7Y6

Andy Campbell
Director of Engineering, Water and Wastewater
Town of Midland
575 Dominion Avenue
Midland, ON L4R 1R2

Please return completed form to jwilson@jlrichards.ca

Note: Comments and information regarding this Study are being collected to assist the Ministry in meeting the requirements of the EA Act. This material will be maintained on file for use during the Study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

**From:** Potter, Andrea

**Sent:** November-04-19 4:04 PM **To:** Giordana Sita (gsita@nadg.com)

**Cc:** Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl; Provencal, Randy; Wan, Benny;

Andre Pepin (apepin@midland.ca); Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca); Shawn Berriault (sberriault@midland.ca); Wesley Crown

(wcrown@midland.ca)

**Subject:** FW: Waterworks Master Plan

Hello Giordana,

In response to your email inquiry below to Chuck Fiddy, please note that a Notice of Completion will be issued late this year / early next year that will identify the Preferred Strategy and the availability of the Master Plan document for public review. As you know the municipality hosted PIC No. 2 earlier this year and no further PICs are planned for this project. We understand that you represent the landowner for the parcel in the northeast quadrant of the intersection of County Road 93 / Hwy 12. The Town's Preliminary Recommended Strategy was presented at PIC No. 2. Please let me know if you have any specific concerns relating to this property.

You are currently on the Project Contact List and will be copied on the final notice for this project.

Again, if you have any further questions, please feel free to give me a call.

Thanks.

**Andrea Potter**, B.E.S. Senior Environmental Planner, Planning and Permitting

D +1-705-797-3278 andrea.potter@aecom.com

#### **AECOM**

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From: Chuck Fiddy <cfiddy@midland.ca>

Sent: October-29-19 1:13 PM

To: Potter, Andrea <andrea.potter@aecom.com>

Subject: FW: Waterworks Master Plan

FYI

From: Giordana Sita < gsita@nadg.com >

Sent: October-29-19 11:28 AM

To: Chuck Fiddy <<u>cfiddy@midland.ca</u>>
Cc: Victoria McCrum <<u>vmccrum@nadg.com</u>>
Subject: RE: Waterworks Master Plan

**CAUTION:** This email originated from <u>outside of the organisation</u>. Please **DO NOT** click (or follow) any links, open any attachments or follow any instructions unless you recognise the sender and the intent or you are certain the content is safe. Remember; if you are in doubt, it is always safer to **DELETE** the message and initiate contact with the sender directly. If you have any questions, please contact IT Support.

Hi Chuck,

Following up on my email below.

Thanks,

## **Giordana Sita**

Manager, Planning & Research

North American Development Group

2851 John Street, Suite One, Markham, Ontario L3R 5R7

P: 905-968-3159 C: 416-825-5916 TF: 1-866-563-9200

E: gsita@nadg.com



From: Giordana Sita

Sent: Tuesday, October 15, 2019 3:34 PM

To: cfiddy@midland.ca

Cc: Victoria McCrum < <a href="mailto:vmccrum@nadg.com">vmccrum@nadg.com</a>>

Subject: Waterworks Master Plan

Hi Chuck,

What is the status of the Waterworks Master Plan? Are there any upcoming PICs scheduled?

Thanks,

# **Giordana Sita**

Manager, Planning & Research
North American Development Group

2851 John Street, Suite One, Markham, Ontario L3R 5R7 P: 905-968-3159 C: 416-825-5916 TF: 1-866-563-9200

E: gsita@nadg.com



**From:** Potter, Andrea

Sent: November-04-19 4:37 PM

To: Brian Goodreid (goodreidplanninggroup@gmail.com)

Cc: Andy Campbell (acampbell@midland.ca); Chuck Fiddy (cfiddy@midland.ca); Wesley

Crown (wcrown@midland.ca); Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl;

Provencal, Randy; Wan, Benny

Subject: Midland Water Master Plan - Brooklea Golf Country Club

**Attachments:** PIC No 2 Excerpt for BG.pdf

Hi Brian,

This email provides a summary of our telephone discussion earlier today.

I understand that you are the Planning Consultant representing the Brooklea Golf and Country Club, located on Hwy 93, just south of Hwy 12.

As discussed, the Preliminary Recommended Strategy as presented at PIC No. 2 does not propose an immediate extension of water servicing directly to the subject property; however, the Town is proposing a new Pressure Zone that would extend the service to Hwy 93 and Hwy 12 intersection in the mid-term (5-10 years) and over the long term (15-20 years) the Town is considering an extension of the watermain from Balm Beach Road south via Hwy 93 to the intersection of Hwy 12. The attached excerpt from the PIC No. 2 Exhibits provides additional details regarding the Preliminary Recommended Strategy.

With regard to the status of the Master Plan our next step will be to issue the Notice of Completion late this year / early next year which will identify the final Preferred Strategy and the availability of the Master Plan document for public review.

I've copied the Town on this email if there is anything that they would like to add. If you have any further questions or concerns, please feel free to give me a call.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
<a href="mailto:andrea.potter@aecom.com">andrea.potter@aecom.com</a>

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From: Brian Goodreid <goodreidplanninggroup@gmail.com>

Sent: November-05-19 3:59 PM

**To:** Potter, Andrea

**Subject:** Fwd: Fw: [28243] Midland WW Master Plan - Follow Up

HI Andrea,

We are writing to let you know about a request made to the Town of Midland to meet about their official plan update and the master servicing studies now underway as they relate to the Brooklea Golf and Country Club. The meeting is to be with Wes Crown and would involve having a planning discussion about the changes to the Town OP, we will seek for Brooklea as it relates to the removal of a natural heritage designation based upon an EIS currently nearing completion. We also hope to have a general discussion about development approvals and potential municipal servicing scenarios over the short versus longer terms. We had earlier discussions about these latter subjects, but without the benefit of input albeit preliminary about potential servicing scenarios and timing.

Thanks for your input,

Cheers,

Brian Goodreid, MCIP, RPP Principal

GOODREID PLANNING GROUP 274 Burton Avenue Suite 1201 Barrie, Ontario L4N 5W4

P: 705-331-5717 F: 705-722-5660

----- Forwarded message ------

From: Brian Goodreid <goodreidplanninggroup@gmail.com>

Date: Tue, Nov 5, 2019 at 1:02 PM

Subject: Fw: [28243] Midland WW Master Plan - Follow Up

To: Wes Crown < wcrown@midland.ca>

Cc: Jeremy Prahl < <u>jeremy.prahl@cambium-inc.com</u> >, V Kota < <u>vkota@brookleagolf.com</u> >

Hi Wes,

I would like to arrange a meeting with you on November 13 in the AM/PM, whatever works for you. The meeting would be for Veeran, you and I as well as Jeremy Prahl.

We can look at alternative dates if November 13 does not work.

We would like to talk about the Cambium's EIS work for Brooklea and how it might inform approval decisions on the Town's OP. The mapping and findings are available. The draft document should be available shortly as well.

In addition, we would like in general terms to talk about the Master Servicing studies and how these relate to up coming planning applications for the Brooklea Golf and Country Club.

You have email correspondence from J L Richards below regarding water water master planning. I will forward correspondence from AECOM in the next email about water supply master planning so you are working with the same information as I am.

Given the approval status of the two master servicing studies our discussion will be preliminary.

If you have any questions or concerns, please do not hesitate to call.

Thanks,

**Brian Goodreid** 

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Brian Goodreid < goodreidplanninggroup@gmail.com >

Sent: Tuesday, November 5, 2019 10:16 AM

To: V Kota Cc: Jeremy Prahl

Subject: Fwd: [28243] Midland WW Master Plan - Follow Up

HI Veeran,

I have contacted J L Richards & Associates and AECOM regarding waste water master planning and water supply master planning.

Jane Wilson of J L Richards has provided input on the status of their work program and Andrea Potter of AECOM has provided input on the status and recommendations being advanced for water supply master planning. The AECOM program is well advanced and is an update to an earlier Master Plan exercise.

The waste water master planning is a new initiative by the Town rather than an update and is anticipated to take longer to complete. I will send you Andrea Potter's email next. I have not yet spoke to Andy Campbell of the Town, but have a call into him. I hope to find out if a master plan exercise is underway for stormwater management as well.

I will try to arrange a meeting with Wes Crown for Jeremy, you and I for November 13, 2019.

If you have any questions or concerns, please do not hesitate to call.

Regards,

Brian Goodreid, MCIP, RPP Principal

GOODREID PLANNING GROUP 274 Burton Avenue Suite 1201 Barrie, Ontario L4N 5W4

P: 705-331-5717 F: 705-722-5660

----- Forwarded message ------

From: Jane Wilson < jwilson@jlrichards.ca>

Date: Tue, Nov 5, 2019 at 10:04 AM

Subject: [28243] Midland WW Master Plan - Follow Up

To: goodreidplanninggroup@gmail.com <goodreidplanninggroup@gmail.com>

Greetings Brian,

I just wanted to thank you for your call. As discussed, servicing the Brooklea golf course area is currently being considered within the 20-year planning period of the Midland Wastewater Master Servicing Plan. We anticipate that the Public Information Centre will be held in mid- to late March 2020. I will have your email address added to the mailing list, and you will be notified prior to the PIC.

If there is anything else, please do not hesitate to call at the number below.

Jane

**Jane Wilson**, M.Sc., P.Eng. Environmental Engineer

J.L. Richards & Associates Limited 107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6 Tel: 519-763-0713 Fax: 519-763-9261





From: Boodram, Natalie < Natalie.Boodram@wsp.com>

Sent: November-19-19 11:06 AM

**To:** Potter, Andrea

**Cc:** John-Baptiste, Chad; Walters, Shawn

Subject: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Forthcoming

Attachments: Hanson Approved Phasing Plan & Draft Plan of Subdivision.pdf

Good morning Andrea,

Thank you for your voicemail message. Yes, we will be submitting a formal comment letter on the Town of Midland Waterworks Master Plan Study on behalf of our client "Hanson Development Group" and we are aiming to have this letter to you this week. The substance of our comments is provided below.

Hanson's property is located at 16821 Highway 12 (north side of Highway 12 and roughly between the Historic Penetanguishine Right-of-Way and King Street) in the Town of Midland. Attached is the Council approved Phasing Plan and Draft Plan of Subdivision.

We have reviewed the Town of Midland Waterworks Master Plan Update (Municipal Class Environment Assessment) Public Information Centre (PIC) No. 2 (dated: May 30, 2019) materials, as it relates to the Hanson property. The PIC No. 2 materials indicate that low pressure experienced around the area north of Highway 12 and west of King Street has two Alternative Solutions:

- 1) Provide a new storage tank near Well 7A and 7B to higher water level or control water level for Russell Tower (further west of Hanson lands, south side of Highway 12); or
- 2) Install a New Booster Pump Station or Alternative Location for Booster Pump Station on the Hanson lands, west of King Street.

The approved Hanson Draft Plan of Subdivision does not include a Booster Pump Station. The Master Plan Update shows a New Booster Pump Station on Hanson's Phase 1C lands and the Alternative Location of the New Booster Pump Station on Hanson's Phase 1B lands. We had always understood that the low pressure was going to be handled per Alternative Solution 1).

Hanson advises that they did not receive notice of New Booster Pump Station or Alternative Location identified on their lands and requested to communicate that the placement of the Booster Pump Station on Hanson lands is not acceptable. As such, we would prefer Alternative Solution 1).

Our comment letter will have additional comments from our Civil Engineer.

Please advise should you wish to discuss further.

Regards,

Natalie Boodram, BUR.PI., MES, MCIP, RPP Senior Planner

## Planning, Landscape Architecture and Urban Design



T+ (289) 982 - 4352

Please note my new telephone number

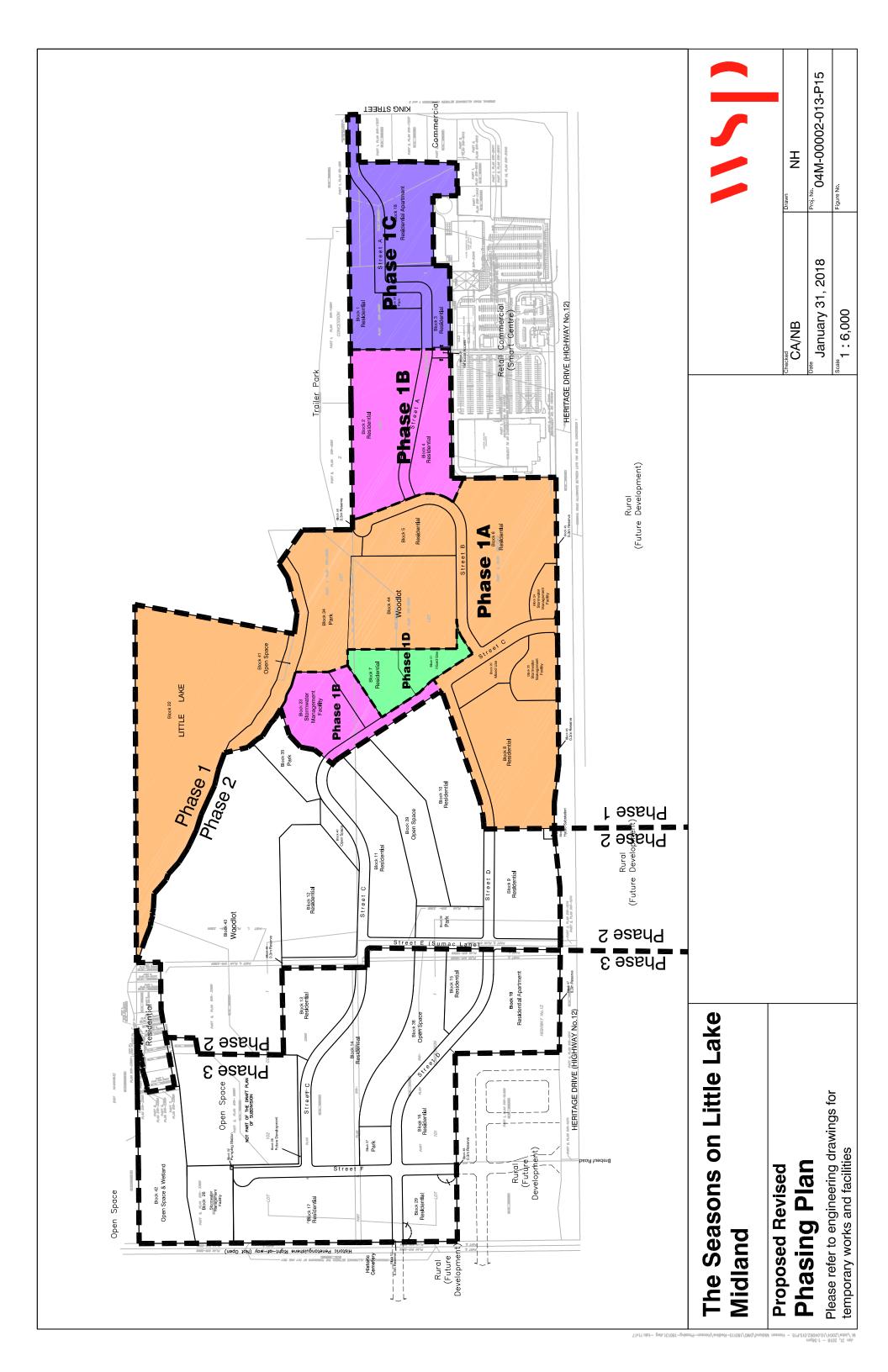
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-LAEmHhHzdJzBITWfa4Hgs7pbKI





2019-11-28

Ms. Andrea Potter, B.E.S. Senior Environmental Planner AECOM 55 Cedar Pointe Drive, Suite 620 Barrie, Ontario L4N 5R7

> Town of Midland Workworks Master Plan Update (2019) The Seasons on Little Lake, Hanson Development Group

Dear Ms. Potter:

WSP Canada Group Limited (WSP) is pleased to submit the following comments on the Town of Midland Waterworks Master Plan Update (2019) on behalf of Hanson Development Group ("Hanson") with respect to their property at 16821 Highway 12 in the Town of Midland.

We have reviewed the Public Information Centre (PIC) No. 2 (dated: May 30, 2019) materials, as prepared by AECOM, with respect to Hanson's property which is located on the north side of Highway 12 and roughly between the Historic Penetanguishine Right-of-Way and King Street. Enclosed is the Council Approved Phasing Plan and Draft Plan of Subdivision.

We appreciate that the Town of Midland is addressing the low pressure experienced around the area north of Highway 12 and west of King Street through the Waterworks Master Plan Update. It is noted that two Alternative Solutions are being put forward as follows:

Alternative Solution 1A: Provide a new storage tank near Well 7A and 7B to higher water level or control water level for Russell Tower (further west of Hanson lands, south side of Highway 12); or

**Alternative Solution 4A:** Install a New Booster Pump Station or Alternative Location for Booster Pump Station on the Hanson lands, west of King Street.

We noticed that the Alternative Solution 4A location being considered for the New Booster Pump Station is on Hanson's Phase 1C lands, and that the Alternative Location for the New Booster Pump Station is being considered on Hanson's Phase 1B lands. Hanson advises that they did not receive notice that the New Booster Pump Station or Alternative Location was identified on their lands in particular, and requests to communicate that these locations are unacceptable.

We understood that the low pressure experienced in the area was intended to be addressed through a new storage tank on the south side of Highway 12, further west of Hanson's lands based on previous discussions with Town of Midland staff. Alternative Solution 1A is consistent with this understanding. Accordingly, the approved Hanson Draft Plan of Subdivision does not include a Booster Pump Station.



We put forward our preference for Alternative Solution 1A to be on the public record and kindly request that the New Booster Pump Station not be located on Hanson's lands.

We are available to discuss these matters in further detail.

Yours sincerely,

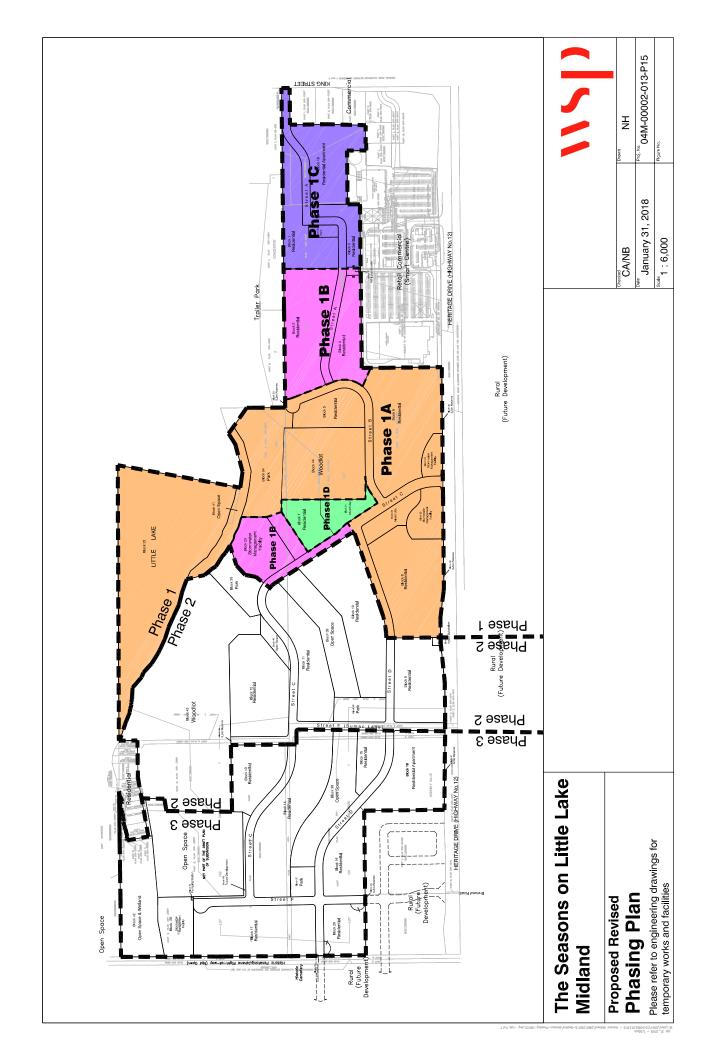
C.B. Joh-Baptit

Chad B. John-Baptiste, MCIP, RPP Director, Planning – Ontario

/nb

cc: Mark Hanson, Hanson Development Group Greg Liness, Hanson Development Group Chuck Fiddy, Town of Midland Wes Crown, Town of Midland Shawn Walters, WSP Canada Group Limited

Encl. Hanson Draft Plan of Subdivision and Phasing Plan (Approved 2018)





110 Old Kingston Road

Phone: (905) 426-9451

Ajax, Ontario L1T 2Z9

January 2, 2020

FILE: 14:327:D

Town of Midland 200 Bay Street Midland, Ontario L4R 1J5

Attention: Mr. Chuck Fiddy

Dear Mr. Fiddy,

SUBJECT: EXTERNAL SERVICING URGENCY - PROPOSED COMMERCIAL SITE

NORTH AMERICAN DEVELOPMENT GROUP

**HWY 93 AND HWY 12** 

TOWN OF MIDLAND On behalf of our Client, North American Development Group, we have reviewed the Midland Waterworks master plan update Municipal Class Environmental Assessment Public Information Centre 2 presentation with respect to external services to our Client's site, which is located at the

north-east corner of Highway 93 and Highway 12. The Town's water system infrastructure recommended strategy consists of upgrades to various booster pumping stations, new booster

Two of the recommended water system upgrades are of interest to our Client's site location:

pumping stations, pressure zone re-alignments, and new trunk watermain construction.

- 1. The mid-term (5-10 year) strategy recommends a new booster pump station and new pressure zone alignment for the "south" zone, which would service properties just to the east of the site.
- 2. The long-term (15-20 year) strategy recommends a new trunk watermain along Highway 93 for future growth in the West zone, which would service the site.

As indicated to us, there is significant tenant interest at the site, which is located at the Town's gateway intersection of Highway 93 and Highway 12. If the Town's recommended strategy is implemented, our Client will be unable to develop for 15-20 years due to a lack of external services to the site.

We would request that the Town re-visit the water system infrastructure strategy and re-consider and expedite the timeline of external services to the site, whether that is inclusion of the site in the southern pressure zone or an earlier timeframe for construction of the trunk watermain along Highway 93.

We trust that the above summary provides clarity to the urgency of timing for external services to our Client's site. If you should have any further questions, please contact the undersigned.

Yours truly,

SABOURIN KIMBLE & ASSOCIATES LTD.

Mark Golakovich, P.Eng.

CC. Mr. Steve Bishop, North American Development Group

Ms. Andrea Potter, Aecom

**From:** Potter, Andrea

**Sent:** January-23-20 8:57 AM

To: Giordana Sita

Cc: Chuck Fiddy (cfiddy@midland.ca); Andy Campbell (acampbell@midland.ca); Wesley

Crown (wcrown@midland.ca); Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl;

Provencal, Randy; Wan, Benny

Subject: RE: Waterworks Master Plan

Attachments: 13-SKA (G. Sita) for NE Quad Hwy 93-Hwy 12 Rec'd Jan-13-2020.pdf

Hi Giordana,

Thanks for the follow up.

Please note that we did receive the attached letter from the engineering firm, SKA, that is working with North American Dev. Group on the parcel in the N.E. quadrant of the intersection of Hwy 12/93. Our team is reviewing that correspondence now and in the process of preparing a response.

The final notification for this project will be the Notice of Completion. You are on the Project Contact List and will be forwarded a copy of the notice.

Thanks again. We will be in touch.

Andrea Potter, B.E.S.

Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Giordana Sita <gsita@nadg.com>

Sent: January-22-20 10:03 AM

To: Potter, Andrea <andrea.potter@aecom.com>

Cc: Chuck Fiddy (cfiddy@midland.ca) <cfiddy@midland.ca>

Subject: RE: Waterworks Master Plan

Hi Andrea,

Happy New Year! Is there any update on the Waterworks Master Plan and the notice of completion?



110 Old Kingston Road

Phone: (905) 426-9451

Ajax, Ontario L1T 2Z9

January 2, 2020

FILE: 14:327:D

Town of Midland 200 Bay Street Midland, Ontario L4R 1J5

Attention: Mr. Chuck Fiddy

Dear Mr. Fiddy,

SUBJECT: EXTERNAL SERVICING URGENCY - PROPOSED COMMERCIAL SITE

NORTH AMERICAN DEVELOPMENT GROUP

**HWY 93 AND HWY 12** 

TOWN OF MIDLAND On behalf of our Client, North American Development Group, we have reviewed the Midland Waterworks master plan update Municipal Class Environmental Assessment Public Information Centre 2 presentation with respect to external services to our Client's site, which is located at the

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Two of the recommended water system upgrades are of interest to our Client's site location:

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- 1. The mid-term (5-10 year) strategy recommends a new booster pump station and new pressure zone alignment for the "south" zone, which would service properties just to the east of the site.
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As indicated to us, there is significant tenant interest at the site, which is located at the Town's gateway intersection of Highway 93 and Highway 12. If the Town's recommended strategy is implemented, our Client will be unable to develop for 15-20 years due to a lack of external services to the site.

We would request that the Town re-visit the water system infrastructure strategy and re-consider and expedite the timeline of external services to the site, whether that is inclusion of the site in the southern pressure zone or an earlier timeframe for construction of the trunk watermain along Highway 93.

We trust that the above summary provides clarity to the urgency of timing for external services to our Client's site. If you should have any further questions, please contact the undersigned.

Yours truly,

SABOURIN KIMBLE & ASSOCIATES LTD.

Mark Golakovich, P.Eng.

CC. Mr. Steve Bishop, North American Development Group

Ms. Andrea Potter, Aecom

**From:** Potter, Andrea

**Sent:** March-13-20 1:36 PM **To:** Boodram, Natalie

Cc: Sword, Mikaela; Chaymann, Semyon; Choudhary, Mukesh; Grueneis, Karl; Provencal,

Randy; Wan, Benny; Andy Campbell (acampbell@midland.ca); Chuck Fiddy

(cfiddy@midland.ca); Wesley Crown (wcrown@midland.ca)

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Natalie,

Thanks for following up. We are in the process of addressing some comments that were received, including your concerns. We are working with the Town and hope to provide a formal response to your inquiry possibly next week. We are also working to wrap up this Master Plan as soon as possible. I will keep you posted.

You are on the Project Contact List and will continue to receive any notifications regarding the project. If you have any further questions or concerns, please feel free to give me a call.

Andrea Potter, B.E.S.

Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Boodram, Natalie < Natalie.Boodram@wsp.com>

Sent: March-12-20 2:21 PM

**To:** Potter, Andrea <andrea.potter@aecom.com> **Cc:** Sword, Mikaela <Mikaela.Sword@wsp.com>

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Andrea,

What is the status of the Midland Waterworks Master Plan Study? I do not see an update on the website.

Regards,

Natalie Boodram, BUR.PI., MES, MCIP, RPP

Senior Planner

## Planning, Landscape Architecture and Urban Design



T+ (289) 982 - 4352

## Please note my new telephone number

100 Commerce Valley Drive West Thornhill, Ontario
L3T 0A1 Canada

wsp.com

From: Potter, Andrea [mailto:andrea.potter@aecom.com]

Sent: Thursday, January 09, 2020 9:18 AM

To: Boodram, Natalie < Natalie.Boodram@wsp.com >

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Natalie,

Thanks for the follow up. The team has reviewed the letter and we are in the process of preparing a response. We lost a couple of weeks in December because of the holidays, but we will be getting back to you as soon as possible.

Thanks.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Boodram, Natalie < Natalie.Boodram@wsp.com >

Sent: January-07-20 10:36 AM

To: Potter, Andrea <andrea.potter@aecom.com>

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Andrea,

Happy New Year! Just following up. Thanks.

Regards,

# Natalie Boodram, BUR.PI., MES, MCIP, RPP

Senior Planner Planning, Landscape Architecture and Urban Design



T+ (289) 982 - 4352

Please note my new telephone number

100 Commerce Valley Drive West Thornhill, Ontario L3T 0A1 Canada

wsp.com

From: Potter, Andrea [mailto:andrea.potter@aecom.com]

Sent: Thursday, November 28, 2019 5:01 PM

**To:** Boodram, Natalie < <u>Natalie.Boodram@wsp.com</u>>

Cc: John-Baptiste, Chad <Chad.John-Baptiste@wsp.com>; Walters, Shawn <Shawn.Walters@wsp.com>

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Thanks Natalie. We will be in touch.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Boodram, Natalie < Natalie.Boodram@wsp.com >

Sent: November-28-19 3:56 PM

To: Potter, Andrea <andrea.potter@aecom.com>

**From:** Potter, Andrea

**Sent:** March-20-20 4:40 PM

To: Giordana Sita

Cc: Chuck Fiddy (cfiddy@midland.ca); Andy Campbell (acampbell@midland.ca); Wesley

Crown (wcrown@midland.ca); Chaymann, Semyon; Grueneis, Karl; Provencal, Randy;

Wan, Benny

**Subject:** RE: Waterworks Master Plan

Hi Giordana,

I don't have any significant updates for you at this time. We are working with the Town to address some comments that were received, including your concerns and we are planning to provide a formal response to your inquiry as soon as possible.

You are on the Project Contact List and we will continue to forward any future notifications regarding the project. Again, if you have any further questions or concerns, please feel free to give me a call.

We appreciate your patience.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Giordana Sita <gsita@nadg.com>

Sent: March-16-20 11:57 AM

To: Potter, Andrea <andrea.potter@aecom.com>

Cc: Chuck Fiddy (cfiddy@midland.ca) <cfiddy@midland.ca>; Andy Campbell (acampbell@midland.ca)

<acampbell@midland.ca>; Wesley Crown (wcrown@midland.ca) <wcrown@midland.ca>; Chaymann, Semyon

<Semyon.Chaymann@aecom.com>; Choudhary, Mukesh <Mukesh.Choudhary@aecom.com>; Grueneis, Karl

<Karl.Grueneis@aecom.com>; Provencal, Randy <Randy.Provencal@aecom.com>; Wan, Benny

<Benny.Wan@aecom.com>

Subject: RE: Waterworks Master Plan

Hi Andrea,

Following up on the response to the letter we submitted and an update on the master plan.

Thanks,

### **Giordana Sita**

Manager, Planning & Research

North American Development Group

2851 John Street, Suite One, Markham, Ontario L3R 5R7 P: 905-968-3159 C: 416-825-5916 TF: 1-866-563-9200

E: gsita@nadg.com



From: Potter, Andrea <andrea.potter@aecom.com>

Sent: Thursday, January 23, 2020 8:57 AM To: Giordana Sita <gsita@nadg.com>

Cc: Chuck Fiddy (cfiddy@midland.ca) <cfiddy@midland.ca>; Andy Campbell (acampbell@midland.ca)

<acampbell@midland.ca>; Wesley Crown (wcrown@midland.ca) <wcrown@midland.ca>; Chaymann, Semyon

<<u>Semyon.Chaymann@aecom.com</u>>; Choudhary, Mukesh <<u>Mukesh.Choudhary@aecom.com</u>>; Grueneis, Karl

<Karl.Grueneis@aecom.com>; Provencal, Randy <Randy.Provencal@aecom.com>; Wan, Benny

<Benny.Wan@aecom.com>

Subject: RE: Waterworks Master Plan

Hi Giordana,

Thanks for the follow up.

Please note that we did receive the attached letter from the engineering firm, SKA, that is working with North American Dev. Group on the parcel in the N.E. quadrant of the intersection of Hwy 12/93. Our team is reviewing that correspondence now and in the process of preparing a response.

The final notification for this project will be the Notice of Completion. You are on the Project Contact List and will be forwarded a copy of the notice.

Thanks again. We will be in touch.

Andrea Potter, B.E.S.
Senior Environmental Planner, Planning and Permitting D +1-705-797-3278
andrea.potter@aecom.com

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From: Potter, Andrea

**Sent:** Wednesday, May 27, 2020 4:22 PM

To: Giordana Sita

Cc: Chuck Fiddy (cfiddy@midland.ca); Andy Campbell (acampbell@midland.ca); Wesley

Crown (wcrown@midland.ca); Chaymann, Semyon; Grueneis, Karl; Provencal, Randy;

Wan, Benny; Steve Bishop

**Subject:** RE: Waterworks Master Plan

Hi Giordana,

Thank you for your follow up email regarding the above noted Master Plan.

Unfortunately, I don't have anything new to report at this time. As mentioned previously we are working with the Town to address comments received; however, things have been placed on hold somewhat as the Town deals with more urgent concerns related to the COVID virus.

We appreciate your patience. We will be in touch.

### Andrea Potter, B.E.S.

Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Giordana Sita <gsita@nadg.com> Sent: Tuesday, May 5, 2020 3:36 PM

To: Potter, Andrea <andrea.potter@aecom.com>

Cc: Chuck Fiddy (cfiddy@midland.ca) <cfiddy@midland.ca>; Andy Campbell (acampbell@midland.ca)

<acampbell@midland.ca>; Wesley Crown (wcrown@midland.ca) <wcrown@midland.ca>; Chaymann, Semyon

<Semyon.Chaymann@aecom.com>; Grueneis, Karl <Karl.Grueneis@aecom.com>; Provencal, Randy

<Randy.Provencal@aecom.com>; Wan, Benny <Benny.Wan@aecom.com>; Steve Bishop <sbishop@nadg.com>

Subject: [EXTERNAL] RE: Waterworks Master Plan

Hi Andrea,

I hope all is well. I was wondering if there is any update on the Waterworks Master Plan and expected timing for a response to the comments we submitted earlier this year?

From: Potter, Andrea

Sent: Wednesday, August 19, 2020 8:45 AM

**To:** Boodram, Natalie

Cc: John-Baptiste, Chad; Sword, Mikaela; Chaymann, Semyon; Grueneis, Karl; Provencal,

Randy; Wan, Benny; Chuck Fiddy (cfiddy@midland.ca); Andy Campbell

(acampbell@midland.ca); Wesley Crown (wcrown@midland.ca)

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Natalie,

Thank you for your follow up email regarding the above noted Master Plan.

Unfortunately, I don't have anything new to report at this time. As mentioned previously we are working with the Town to address comments received; however, things have been placed on hold somewhat as the Town deals with more urgent concerns related to the COVID virus.

We appreciate your patience. We will be in touch.

#### Andrea Potter, B.E.S.

Senior Environmental Planner, Planning and Permitting D +1-705-797-3278 andrea.potter@aecom.com

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From: Boodram, Natalie < Natalie.Boodram@wsp.com>

Sent: Tuesday, August 18, 2020 6:20 PM

To: Potter, Andrea <andrea.potter@aecom.com>

**Cc:** John-Baptiste, Chad <Chad.John-Baptiste@wsp.com>; Sword, Mikaela <Mikaela.Sword@wsp.com> **Subject:** [EXTERNAL] RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Andrea,

Hope you are doing well. What is the status of the Midland Waterworks Master Plan Study? You had indicated in March that you addressing our comments. Did you require a follow up discussion?

Regards,

## Natalie Boodram, BUR.Pl., MES, MCIP, RPP

Senior Planner

Planning, Landscape Architecture and Urban Design

Vacation Notice: Monday, August 24 to Tuesday, September 8, 2020 inclusive.



T+ (289) 982 - 4352

Please note my new telephone number

100 Commerce Valley Drive West Thornhill, Ontario L3T 0A1 Canada

wsp.com

From: Potter, Andrea [mailto:andrea.potter@aecom.com]

Sent: Friday, March 13, 2020 1:36 PM

**To:** Boodram, Natalie < <u>Natalie.Boodram@wsp.com</u>>

Cc: Sword, Mikaela < Mikaela. Sword@wsp.com >; Chaymann, Semyon < Semyon. Chaymann@aecom.com >; Choudhary,

Mukesh < Mukesh. Choudhary@aecom.com >; Grueneis, Karl < Karl.Grueneis@aecom.com >; Provencal, Randy

<Randy.Provencal@aecom.com>; Wan, Benny <Benny.Wan@aecom.com>; Andy Campbell (acampbell@midland.ca)

<acampbell@midland.ca>; Chuck Fiddy (cfiddy@midland.ca) <cfiddy@midland.ca>; Wesley Crown

(wcrown@midland.ca) <wcrown@midland.ca>

Subject: RE: Town of Midland Waterworks Master Plan Study - Hanson Comment Letter

Hi Natalie,

Thanks for following up. We are in the process of addressing some comments that were received, including your concerns. We are working with the Town and hope to provide a formal response to your inquiry possibly next week. We are also working to wrap up this Master Plan as soon as possible. I will keep you posted.

You are on the Project Contact List and will continue to receive any notifications regarding the project. If you have any further questions or concerns, please feel free to give me a call.

**Andrea Potter**, B.E.S. Senior Environmental Planner, Planning and Permitting D +1-705-797-3278

andrea.potter@aecom.com

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