

Appendix H

NOTICE OF STUDY COMMENCEMENT

- **August 15 & 22, 2019 Notice of Study Commencement**
- **Agency Mailing List**
- **August 15, 2019 Mail Out of Notice of Study Commencement to Adjacent Residents, Review Agencies and Indigenous Communities and Agencies**
- **Comments Received and Associated Responses from Notice of Study Commencement (including Meeting Notes of December 4, 2019 meeting with NVCA)**



Town of Collingwood Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion NOTICE OF STUDY COMMENCEMENT

The Study

The Town of Collingwood held a Public Information Centre (PIC) as part of the Master Servicing Plan (MSP) process in March 2019 which identified the need to expand the existing Raymond A. Barker Water Treatment Plant to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. A Class Environmental Assessment (EA) previously filed in September 2004 for the plant expansion has now expired. The Town has determined the need to prepare an updated Class EA to confirm or amend the preferred solution(s) identified in the original EA by addressing changes to regulations and design standards, advances in technology and adjustments to phasing based on current water demand projections, and to convey this information to a list of stakeholders and interested parties that has expanded since 2004. Subsequent to the MSP PIC it was determined that it would be necessary to increase the ultimate plant capacity identified in the 2004 Class EA (74.6 MLD) to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities.

The Raymond A. Barker Water Treatment Plant is located on Raglan Street as illustrated on the accompanying map. The study area is defined as the municipal boundary of the Town (see map). The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.



The Process

The Town of Collingwood has retained Ainley Group (in partnership with AECOM) to complete and document a Class EA update in accordance with the Municipal Class Environmental Assessment Document, October 2000, as amended in 2015.

How to Get Involved

Public consultation is a key component of the Class EA process. Additional information will be made available once alternative solutions have been identified and evaluated. Advance notice will be provided to allow all interested parties an opportunity to comment. For further information regarding the project, please contact either of the following members of the study team:

Ken Kaden, P. Eng.
Project Engineer, Environmental Services
Town of Collingwood
43 Stewart Road
Collingwood, ON L9Y 4M7
Tel: (705) 445-1581
Fax: (705) 445-0791
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
Ainley Group
280 Pretty River Parkway
Collingwood, ON L9Y 4J5
Tel: (705) 445-3451
Fax: (705) 445-0968
ainley.m@ainleygroup.com

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

This notice was issued on August 15, 2019.

Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, August 15, 2019

Notice

Town of Collingwood Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion NOTICE OF STUDY COMMENCEMENT

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Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, August 22, 2019

Notice

Town of Collingwood Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion NOTICE OF STUDY COMMENCEMENT

The Study

The Town of Collingwood held a Public Information Centre (PIC) as part of the Master Servicing Plan (MSP) process in March 2019 which identified the need to expand the existing Raymond A. Barker Water Treatment Plant to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. A Class Environmental Assessment (EA) previously filed in September 2004 for the plant expansion has now expired. The Town has determined the need to prepare an updated Class EA to confirm or amend the preferred solution(s) identified in the original EA by addressing changes to regulations and design standards, advances in technology and adjustments to phasing based on current water demand projections, and to convey this information to a list of stakeholders and interested parties that has expanded since 2004. Subsequent to the MSP PIC it was determined that it would be necessary to increase the ultimate plant capacity identified in the 2004 Class EA (74.6 MLD) to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities.

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Town of Collingwood
Raymond A. Barker WTP Class EA
Notice of Commencement
AGENCY CONTACT LIST

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Provincial & Federal Agencies										
Mr.	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@canada.ca
Ms.	Chunmei	Liu	Environmental Resource Planner & EA Coordinator - Air, Pesticides and Environmental Planner (<i>Barrie, Orillia & County of Simcoe</i>)	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
Hon.	Jeff	Yurek	Minister	Ministry of the Environment, Conservation and Parks	77 Wellesley Street West	11th Floor	Toronto, ON	M7A 2T5		minister.mecp@ontario.ca
			Director, Environmental Assessment and Permissions Branch	Ministry of the Environment, Conservation and Parks	135 St. Clair Avenue West	1st Floor	Toronto, ON	M4V 1P5		moeccpermissions@ontario.ca
Mr.	Shawn	Carey	District Manager	Midhurst District Ministry of Natural Resources and Forestry	2284 Nursery Road		Midhurst, ON	L0L 1N8	705-725-7561	shawn.carey@ontario.ca
Ms.	Karla	Barboza	Team Lead, Heritage	Ministry of Tourism, Culture & Sport	401 Bay Street	Suite 1700	Toronto, ON	M7A 0A7	416-314-7120	karla.barboza@ontario.ca
Ms.	Kimberly	Livingstone		Ministry of Tourism, Culture & Sport	402 Bay Street	Suite 1701	Toronto, ON	M7A 0A8		Kimberly.Livingstone@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.	Teepu	Khawja	Regional Director	Ministry of Transportation, Central Region	1201 Wilson Avenue		Toronto, ON	M3M 1J8	416-235-5400	teepu.khawja@ontario.ca
Mr.	Peter	Dorton	Senior Project Manager	Ministry of Transportation, Corridor Management Section	159 Sir William Hearst Avenue	Bldg. D, 7th Floor	Toronto, ON	M3M 0B7	416-235-4280	peter.dorton@ontario.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
			Fish Habitat Biologist	Department of Fisheries and Ocean	867 Lakeshore Road		Burlington, ON	L7S 1A1	905-336-4999	info@dfo-mpo.gc.ca
				Department of Fisheries and Ocean	520 Exmouth Street		Sarnia, ON	N7T 8B1	1-866-290-3731	
Mr.	M.	Tracey		Ontario Clean Water Agency	100 Woodland Drive		Wasaga Beach, ON	L0L 2P0		
Local Government, Adjacent Municipalities & Other Agencies										
Mr.	Christian	Meile	Director, Transportation Construction & Maintenance	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	christian.meile@simcoe.ca
Mr.	Dave	Parks	Director, Planning, Development & Tourism	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	dave.parks@simcoe.ca
Ms.	Cathy	Clark	Manager of Emergency Planning	County of Simcoe	1111 Highway 26 West		Midhurst, ON	L9X 1N6		
Mr.	Mark	Aitken	CAO	County of Simcoe	1113 Highway 26 West		Midhurst, ON	L9X 1N6		
Mr.	Allan	Greenwood	Director, Corporate Communications	County of Simcoe	1114 Highway 26 West		Midhurst, ON	L9X 1N6		
Ms.	MaryAnn	Hunt	Planner III, Planning Department	County of Simcoe	1117 Highway 26 West		Midhurst, ON	L9X 1N6		
Mr.	Fareed	Amin	CAO	Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	cao@collingwood.ca
Mr.	Adam	Farr	Director, Planning Services	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	afarr@collingwood.ca
Mr.	Dean	Collver	Director, Parks, Recreation & Culture	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	dcollver@collingwood.ca

**Town of Collingwood
Raymond A. Barker WTP Class EA
Notice of Commencement
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Mr.	Chris	Hibberd	Director, Watershed Management Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0	705-424-1479	c.hibberd@nvca.on.ca
Mr.	Lee	Bull	Manager, Planning Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0		
Mr.	Steve	Sage	CAO	Township of Clearview	217 Gideon Street	Box 200	Stayner, ON	L0M 1S0	705-428-6230 ext. 228	ssage@clearview.ca
Mr.	Shawn	Everitt	CAO	Town of the Blue Mountains	32 Mill Street	P.O. Box 310	Thornbury, ON	N0H 2P0	519-599-3131 ext. 234	tspeck@thebluemountains.ca
Mr.	George	Vadeboncoeur	CAO	Town of Wasaga Beach	30 Lewis Street		Wasaga Beach, ON	L9Z 1A1		
Ms.	Colleen	Healey-Dowdall	CAO	Township of Essa	5786 County Road 12		Utopia, ON	L0M 1T0		
Mr.	Blaine	Parkin	CAO	Town of New Tecumseth	10 Wellington Street East		Alliston, ON	L9R 1A1	705-435-3900	
Mr.	Jason	Reynar	CAO	Town of Innisfil	2101 Innisfil Beach Road		Innisfil, ON	L9S 1A1	705-436-3740 Ext. 1202	kshea@innisfil (Karen Shea, Executive Assistant)
Mr.	Geoff	McKnight	CAO	Town of Bradford West Gwillimbury	100 Dissette Street	Unit 7&8, P.O. Box 100	Bradford, ON	L3Z 2A7	905-775-5366 ext. 1201	gmcknight@townofbwg.com
Ms.	Barb	Fox	Planning Officer	Simcoe Muskoka Catholic District School Board	46 Alliance Blvd.		Barrie, ON	L4M 5K3	705-722-3559 ext. 250	bfox.smcdsb.on.ca
Ms.	Holly	Spacek	Planning Officer	Simcoe County District School Board	1170 Highway 26		Midhurst, ON	L9X 1N6	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.	Earl	Elliott	President	Simcoe County Historical Association		P.O. Box 144	Barrie, ON	L4M 4S9	705-796-7649	earl.elliott@rogers.com
Ms.	Bonnie	Branch	Transportation Coordinator	Simcoe County Student Transportation Consortium	64 Cedar Pointe Drive	Unit 1403	Barrie, ON	L4N 5R7	705-733-8965, ext. 107	transportation@scstc.ca
Ms.	Sara	Almas	Clerk	Accessibility Advisory Committee Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	salmas@collingwood.ca
				Simcoe Muskoka District Health Unit	280 Pretty River Parkway		Collingwood, ON	L9Y 4J5	705-445-6498	
				Blue Mountain Watershed Trust Foundation		P.O. Box 605	Collingwood, ON	L9Y 4E8		
Emergency Services										
Mr.	JC	Gilbert	Deputy Chief Operations	County of Simcoe Paramedic Services	1110 Highway 26		Midhurst, ON	L9X 1N6	705-726-9300	jc.gilbert@simcoe.ca
Mr.	Ross	Parr	Fire Chief	Town of Collingwood Fire Department	45 High Street		Collingwood, ON	L9Y 4V4	705-445-3920 ext. 7502	rparr@collingwood.ca
Mr.	Colin	Shewell	Fire Chief	Township of Clearview Fire Department	217 Gideon Street		Stayner, ON	L0M 1S0	705-428-6230 ext. 403	cshewell@clearview.ca
Ms.	Mary	Shannon	Inspector	Ontario Provincial Police Collingwood and the Blue Mountains	201 Ontario Street		Collingwood, ON	L9Y 4M4	705-445-4321	mary.shannon.opp.ca
Ms.	Paula	Brown	Operational Policy & Strategic Planning	Ontario Provincial Police	777 Memorial Ave., 2nd Floor		Orillia, ON	L3V 7V3		
Member of Parliament										
Mr.	Jim	Wilson	Member of Provincial Parliament	Collingwood Consistency Office	50 Hume Street		Collingwood, ON	L9Y 1V2	1-800-268-7542	
Ms.	Kellie	Leitch	Member of Parliament - Simcoe-Grey	Collingwood Consistency Office	501 Hume Street	#4	Collingwood, ON	L9Y 4H8	705-445-5557	kellie.leitch@parl.gc.ca
Interest Groups										
Ms.	Trish	Irwin	GM/CEO	Collingwood Chamber of Commerce	115 Hurontario Street	Suite 102	Collingwood, ON	L9Y 2L9	705-445-0221	tirwin@collingwoodchamber.com
Ms.	Kandas	Bondarchuk	Planner - Technician	Collingwood Heritage Committee	55 Ste. Marie Street	Unit 302	Collingwood, ON	L9Y 0W6	705-445-1290 ext. 3275	kbondarchuk@collingwood.ca
Mr.	Jamie	Forsythe		Blue Mountain & Collingwood Snowdrifters Snowmobile Club	453 Oak Street		Collingwood, ON	L9Y 4N1	705-446-1848 705-606-1453	
Mr.	Ben	McNabb		Collingwood Cycling Club	47 Sherwood Street		Collingwood, ON	L9Y0C5		info@collingwoodcyclingclub.ca
Mr.	Murray	Knowles		Black Ash Trail Committee	32 Westwind Drive		Collingwood, ON	L9Y 5J1		knowles.murray@gmail.com
Aboriginal Consultation										
Att: Consultation Unit				Ministry of Indigenous Affairs	160 Bloor St. East	4th Floor	Toronto, ON	M7A 2E6	416-326-4740	

**Town of Collingwood
Raymond A. Barker WTP Class EA
Notice of Commencement
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
(CIRNAC (formerly INAC) <u>not</u> contacted for this project as project is not on Aboriginal lands)				Crown-Indigenous Relations and Northern Affairs Canada (formerly Indigenous & Northern Affairs Canada Consultation Unit)	25 St. Clair Avenue East	8th Floor	Toronto, ON	M4T 1M2	1-800-567-9604	
Ms.	Lori	Keeshig-Martin	Executive Assistant to Ontario Regional Chief	Chiefs of Ontario						lori.keeshig-martin@coo.org
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 moonrivermetisCouncil@outlook.com k.a.sandy-mckenzie@rogers.com inquiries@williamstreatiesfirstnations.ca
Ms.	Karry	Sandy-Mckenzie	Coordinator / Negotiator	Williams Treaties First Nation						
Ms.	Corrina	Serda	Manager	Saugeen Ojibway Nation Environment Office	25 Maadookii Subdivision		Neyaashiinigming, ON	N0H 2T0	519-534-5507	c.serda@saugeenojibwaynation.ca
Mr.	Doran	Ritchie	Land Use Planning Coordinator	Saugeen Ojibway Nation Environment Office	25 Maadookii Subdivision		Neyaashiinigming, ON	N0H 2T0	519-534-5507	d.ritchie@saugeenojibwaynation.ca
First Nation Communities (as per MECP Email dated July 5, 2019)										
Chief	Mary	McQue-King		Beausoleil First Nation	General Delivery		Cedar Point, ON	L0K 1C0	705-247-2051	bfchief@chimissing.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
Chief	Greg	Nadjiwon		Chippewas of Nawash First Nation	135 Lakeshore Blvd.		Neyaashiinigmiing, ON	N0H 2T0	519-534-1689	chiefsdesk@newash.ca cnadministrator@newash.ca chief@ramafirstnation.ca consultation@ramafirstnation.ca
Chief	Rodney	Noganosh		Chippewas of Rama First Nation	200-5884-Rama Road		Rama, ON	L3V 6H6	705-325-3611	consultation@ramafirstnation.ca
Chief	Lester	Anoquot		Saugeen First Nation	6493 Highway 21	R.R.#1	Southampton, ON	N0H 2L0	519-797-2781	sfn@saugeen.org
			Family Chief	Nation Huronne-Wendat	255 Place Michel Laveau		Wendake, QC	G0A 4V0		maxime.picard@cnhw.qc.ca
Mr.	Brian	Tucker	Manager of Way of Life Framework	The Metis Nation of Ontario	500 Old St. Patrick St.	Unit 3	Ottawa, ON	K1N 9G4	807-274-1386 (direct) 613-798-1488 (Secretary)	Prefers digital - briant@metisnation.org & copy to consultation@metisnation.org
Mr.	Alden	Barty	Consultation Assessment Coordinator	The Metis Nation of Ontario	355 Cranston Crescent	PO Box 4	Midland, ON	L4R 4K6	705-526-6335 ext. 210	aldenb@metisnation.org
Mr.	Dave	Dusome	President	Georgian Bay Metis Council	355 Cranston Crescent	P.O. Box 400	Midland, ON	L4R 4K6	705-526-6335	gbmcontact@gmail.com
Ms.	Lynette	Davis	Director of Operations	Metis National Council	4-340 MacLaren Street		Ottawa, ON	K2P 0M6	613-232-3216	info@metisnation.ca
Utilities										
Mr.	Ted	Burrell		EPCOR	43 Stewart Road		Collingwood, ON	L9Y 4M7	705-443-1868	tburrell@epcor.com
				Hydro One						
Ms.	Carol	O'Brien		Bell Canada	136 Bayfield Street	2nd Floor	Barrie, ON	L4M 3B1	705-722-2405	carol.obrien@bell.ca
Mr.	Tony	Dominguez		Rogers	1 Sperling Drive		Barrie, ON	L4N 6B8	705-737-4660 xt 6907	tony.dominguez@rci.rogers.com
Mr.	Tom	Jedemann		Enbridge Gas	101 Honda Blvd		Markham, ON	L6C 0M6	905-927-3184	tom.jedemann@enbridge.com
				Enbridge Gas						municipalnotices@enbridge.com
Land Use Planning										
				Plan Well Associates	40 Connor Avenue		Collingwood, ON	L9Y 5K6	705-444-5812	
				Georgian Planning Solutions					705-446-0530	
				R. J. Burnside and Associates Limited	3 Ronell Crescent		Collingwood, ON	L9Y 4J6		
				C.C. Tatham & Associates Ltd.	115 Sandford Fleming Drive	Suite 200	Collingwood, ON	L9Y 5A6	705-444-2565	
				Greenland	120 Hume Street		Collingwood, ON	L9Y 1V5	705-444-5482	
				Travis and Associates	275 First Street	Unit 7	Collingwood, ON	L9Y 1A8	705-446-9917	
				Loft Planning Inc.	308 Hurontario Street		Collingwood, ON	L9Y 2M4	705-446-1168	



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

August 15, 2019

File No. 119013

Re: **Town of Collingwood
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Study Commencement**

Dear Sir and/or Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment (Class EA) planning process to update the September 2004 Environmental Study Report (ESR) for an expansion of the Raymond A. Barker Water Treatment Plant.

The purpose of the project is to confirm or amend the preferred solutions identified in the original ESR by addressing changes to regulations and design standards, advances in technology and adjustments to phasing based on current water supply projections, and to convey this information to an expanded list of mandatory contacts and interested parties since 2004.

This notice is to advise you of the commencement of the Class EA process and to provide you with the opportunity to comment on the project. Please refer to the attached copy of the Notice of Study Commencement for further details regarding the project. Further correspondence regarding this project will follow in the coming months.

Should you have any further questions or concerns, please contact the undersigned or Ken Kaden, Project Engineer, Environmental Services, Town of Collingwood at 705-445-1581 or via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

Mike Ainley, P. Eng., PMP
Project Manager
Phone: 705-445-3451
ainley.m@ainleygroup.com

Comments Received

Jody Marks

To: Reid Mitchell
Subject: RE: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Hello,

Further to Karla's email below, could you please send me a copy of the 2014 ESR?

Thanks so much.

Regards,

Kimberly Livingstone | Heritage Planner (A)
Culture Division | Programs and Services Branch | Heritage Planning Unit
Ministry of Tourism, Culture and Sport
401 Bay Street
17th Floor, Suite 1700
Toronto, ON M7A 0A7
416.314.7133
kimberly.livingstone@ontario.ca

From: Barboza, Karla (MTCS)
Sent: August-15-19 1:16 PM
To: Victoria Perejmybida <perejmybida@ainleygroup.com>
Cc: Ken Kaden <kkaden@collingwood.ca>; Mike Ainley <ainley.m@ainleygroup.com>; Livingstone, Kimberly (MTCS) <Kimberly.Livingstone@ontario.ca>
Subject: FW: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Hi Tori,

Thanks for sending the notice of commencement for the Collingwood Water Treatment Plant to the Ministry of Tourism, Culture and Sport (MTCS) – Culture Division.

Kimberly Livingstone, MTCS Heritage Planner, is assigned to this file [MTCS File 0011264]. She will review the documentation and provide preliminary comments/advice. Please continue to send any notices and information about this project to both Kim and I.

In the meantime, we would appreciate if you could send us a digital (electronic) copy of the 2014 ESR and point us to any information (or website page) about the Master Servicing Plan. These will assist us in formulating our preliminary advice.

Thanks in advance,
Karla

Karla Barboza MCIP, RPP, CAHP | (A) Team Lead, Heritage
Ministry of Tourism, Culture and Sport
Culture Division | Programs and Services Branch | Heritage Planning Unit
T. 416.314.7120 | Email: karla.barboza@ontario.ca

From: Victoria Perejmybida <perejmybida@ainleygroup.com>
Sent: August-15-19 11:24 AM
Cc: Ken Kaden <kkaden@collingwood.ca>; Mike Ainley <ainley.m@ainleygroup.com>
Subject: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Good morning,

The Town of Collingwood is undertaking a Class Environmental Assessment study to update the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. You are on the stakeholder contact list for this project. Please find attached the Notice of Study Commencement.

If you have any question please do not hesitate to contact us. Thank you.

Regards,

Tori Perejmybida, M.A.Sc., P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you.*****

perejmybida@ainleygroup.com

Tel: (705) 445-3451 Ext. 119

Cell: (705) 539-0149

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September 10, 2019

EMAIL ONLY

Mike Ainley, P.Eng.
Project Manager
Ainley and Associates Limited
280 Pretty River Parkway
Collingwood, ON L9Y 4J5
ainley.m@ainleygroup.com

MTCS File : **0011264**
Proponent : **Town of Collingwood**
Subject : **Notice of Study Commencement**
Project : **Raymond A. Barker Water Treatment Plant Expansion**
Location : **Raglan Street, Town of Collingwood, County of Simcoe**

Dear Mr. Ainley:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Study Commencement for the above-referenced project. MTCS's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

Project Summary

As part of the Town of Collingwood's Master Servicing Plan process, the Town has identified the need to expand the existing Raymond A. Barker Water Treatment Plan to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. A Class Environmental Assessment (EA) previously filed on September 2004 for the plant expansion has now expired. The Town has determined the need to prepare an updated Class EA to confirm or amend the preferred solution(s) identified in the original EA by addressing changes to regulations and design standards, advances in technology and adjustments to phasing based on current water demand projections, and to convey this information to a list of stakeholders and interested parties that has expanded since 2004.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources

This EA project may impact archaeological resources and should be screened using the MTCS [Criteria for Evaluating Archaeological Potential](#) and [Criteria for Evaluating Marine Archaeological Potential](#) to determine if an archaeological assessment is needed. MTCS archaeological sites data are available at archaeology@ontario.ca. If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the *OHA*, who is responsible for submitting the report directly to MTCS for review.

Built Heritage and Cultural Heritage Landscapes

The MTCS [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether this EA project may impact cultural heritage resources.

A Cultural Heritage Evaluation Report (CHER) is used to determine the cultural heritage value or interest of a potential Provincial Heritage Property. If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send the HIA to MTCS (and the local municipality as appropriate) for review, and make it available to local organizations or individuals who have expressed interest in review.

Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical cultural heritage studies will be completed for this EA project, and provide them to MTCS before issuing a Notice of Completion or commencing any work on the site. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MTCS on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, do not hesitate to contact me.

Sincerely,



Kimberly Livingstone
Heritage Planner (A)
Heritage Planning Unit
kimberly.livingstone@ontario.ca

Copied to: Ken Kaden, Project Engineer, Town of Collingwood, kkaden@collingwood.ca
Chunmei Liu, Environmental Resource Planner, MECP, Central Region, chunmei.liu@ontario.ca

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police or coroner as well as the Registrar, Burials of the Ministry of Government and Consumer Services (<https://www.ontario.ca/feedback/contact-us?id=26922&nid=72703>) must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Victoria Perejmybida

From: Dorton, Peter (MTO) <Peter.Dorton@ontario.ca>
Sent: Wednesday, August 21, 2019 2:11 PM
To: Victoria Perejmybida
Cc: Ken Kaden; Mike Ainley
Subject: RE: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Hi Tori:

As the R. A. Barker Water Treatment Plant on Raglan St. is beyond MTO permit control area, MTO review / approvals of proposals on this site are not required.

Should future works be proposed to supply treated water in proximity to a provincial highway then MTO review and approvals may be required

Thanks,
Peter Dorton
Senior Project Manager
MTO Central Region Engineering Office
Corridor Management Section
159 Sir William Hearst Ave., 7th Floor
Toronto, ON M3M 0B7
Ph: 416-235-4280
Fx: 416-235-4267
Email: peter.dorton@ontario.ca

From: Victoria Perejmybida <perejmybida@ainleygroup.com>
Sent: August 15, 2019 11:24 AM
Cc: Ken Kaden <kkaden@collingwood.ca>; Mike Ainley <ainley.m@ainleygroup.com>
Subject: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Good morning,

The Town of Collingwood is undertaking a Class Environmental Assessment study to update the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. You are on the stakeholder contact list for this project. Please find attached the Notice of Study Commencement.

If you have any question please do not hesitate to contact us. Thank you.

Regards,

Tori Perejmybida, M.A.Sc., P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you.*****

perejmybida@ainleygroup.com

Ministry of the Environment,
Conservation and Parks
*Drinking Water and Environmental
Compliance Division*

Central Region,
Technical Support Section
5775 Yonge Street, 9th Floor
North York, ON M2M 4J1
Tel. (416) 326-6700
Fax (416) 325-6347

Ministère de l'Environnement, de la
Protection de la nature et des Parcs
*Division de la conformité en matière d'eau
potable et d'environnement*

Région du Centre
Section d'appui technique
5775, rue Yonge, 8^{ième} étage
North York, Ontario M2M 4J1
Tél. : (416) 326-6700
Télééc. : (416) 325-6347



October 24, 2019

File No.: EA 01-06-02

Ken Kaden, P. Eng.
Project Engineer, Environmental Services
Town of Collingwood
43 Stewart Road
Collingwood, ON L9Y 4M7

Re: **Raymond A. Barker Water Treatment Plant Expansion
Town of Collingwood
Municipal Class Environmental Assessment
Response to Notice of Study Commencement**

Dear Mr. Kaden;

This letter is in response to the Notice of Study Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that the Town of Collingwood has indicated that the study is following the approved environmental planning process for a Schedule C project under the Municipal Class Environmental Assessment (Class EA).

The attached "Areas of Interest" document provides guidance regarding the ministry's interests with respect to the Class EA process. Please identify the areas of interest which are applicable to the project and ensure they are addressed. Proponents who address all the applicable areas of interest can minimize potential delays to the project schedule.

The Crown has a legal duty to consult Indigenous communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982. Where the Crown's duty to consult is triggered in relation to the proposed project, **the MECP is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown`s preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the proposed project.

- Chippewas of Georgina Island
- Chippewas of Rama First Nation (Chippewas of Mnjikaning)
- Beausoleil First Nation
- Chippewas of Nawash First Nation
- Chippewas of Saugeen
- Huron-Wendat Nation (if there is potential for the project to impact archeological resources)
- Métis Nation of Ontario
 - MNO Georgian Bay Métis Council
 - please cc Métis Nation of Ontario (MNO) on any correspondence going to the Councils

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the “Code of Practice for Consultation in Ontario’s Environmental Assessment Process” which can be found at the following link:

<https://www.ontario.ca/page/consultation-ontarios-environmental-assessment-process>

Additional information related to Ontario’s Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments

Please also refer to the attached document “A Proponent’s Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities” for further information.

The proponent must contact the Director of Environmental Assessment and Permissions Branch under the following circumstances after initial discussions with the communities identified by MECP:

- Aboriginal or treaty rights impacts are identified to the proponent by the communities
- The proponent has reason to believe that the proposed project may adversely affect an Aboriginal or treaty right
- Consultation has reached an impasse
- A Part II Order request or elevation request is expected

The Director of the Environmental Assessment and Permissions Branch can be notified either by email with the subject line “Potential Duty to Consult” to enviopermissions@ontario.ca or by mail or fax at the address provided below:

Email:	enviopermissions@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Assessment and Permissions Branch 135 St. Clair Avenue West, 1 st Floor Toronto, ON, M4V 1P5

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role the proponent will be asked to play in them.

Should you or any members of your project team have any questions regarding the material above and attached in this letter, please contact me at chunmei.liu@ontario.ca or 416-326-4886.

Yours truly,



Chunmei Liu
Regional Environmental Assessment Coordinator
Air, Pesticides and Environmental Planning

cc: Mike Ainley, Project Manager, Ainley Group
Cindy Hood, Manager, Barrie District Office, MECP
Paul Martin, APEP Supervisor, Central Region, MECP
Central Region EA File
A & P File

Attach: Areas of Interest
A Proponent's Introduction to the Delegation of Procedural Aspects of consultation
with Aboriginal Communities

AREAS OF INTEREST

It is suggested that you check off each applicable area after you have considered / addressed it.

Source Water Protection (all projects)

The Clean Water Act, 2006 (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e. systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. **Given this requirement, please include a section in the Project File/ESR on source water protection.**
 - The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area. If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the project file or ESR how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.

- In order to determine if this project is occurring within a vulnerable area, proponents can use this mapping tool: <http://www.applications.ene.gov.on.ca/swp/en/index.php>. The mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.
- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the Report and include all communication documents/correspondence.**

More Information

For more information on the Clean Water Act, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to Conservation Ontario's website where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in section 1.1 of Ontario Regulation 287/07 made under the Clean Water Act. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.

□ **Climate Change**

Ontario is leading the fight against climate change through the Climate Change Action Plan. Recently released, the plan lays out the specific actions Ontario will take in the next five years to meet its 2020 greenhouse gas reduction targets and establishes the framework necessary to meet its long-term targets. As a commitment of the action plan, **the province has now finalized a guide, "Considering Climate Change in the Environmental Assessment Process" (Guide), which is found online at: <https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process>**

The Guide is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. **Proponents should review this Guide in detail.**

- The MECP expects proponents to:
 1. Take into account during the assessment of alternative solutions and alternative designs, the following:
 - a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
 - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
 2. Include a discrete section in the Project File/ESR detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature, and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered. Please ensure climate change is considered in the report.

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide

guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

□ **Planning and Policy**

- Parts of the study area may be subject to the Oak Ridges Moraine Conservation Plan, Niagara Escarpment Plan, Greenbelt Plan, [Lake Simcoe Protection Plan](#), or Growth Plan for the Greater Golden Horseshoe. Applicable policies should be referenced in the Project File/ESR, and the proponent should describe how the proposed study adheres to the relevant policies in these plans. **The [new 2017 provincial plans](#) are now in effect.**
- The [Provincial Policy Statement](#) (2014) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the Project File/ESR, and the proponent should describe how this proposed project is consistent with these policies.

□ **Air Quality, Dust and Noise**

- If there are sensitive receptors in the surrounding area of this project, an air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**
- **If a full Air Quality Impact Assessment is not required for the project, the Project File/ESR should still contain:**
 - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
 - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
 - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
 - A discussion of potential mitigation measures.
- As a common practice, "air quality" should be used an evaluation criterion for all road projects.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to *Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities*. Report prepared for Environment Canada. March 2005. <http://www.bv.transports.gouv.qc.ca/mono/1173259.pdf>
- The Project File/ESR should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

□ Ecosystem Protection and Restoration

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

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, you may consider the provisions of the Rouge Park Management Plan if applicable.

□ Surface Water

- The Project File/ESR must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's [Stormwater Management Planning and Design Manual \(2003\)](#) should be referenced in the Project File/ESR and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Class EA process** that includes:
 - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
 - Watershed information, drainage conditions, and other relevant background information
 - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
 - Information on maintenance and monitoring commitments.
- Ontario Regulation 60/08 under the Ontario Water Resources Act (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If the proposed sewage treatment plant is listed in Table 1 of the regulation, the Project File/ESR should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.
- Any potential approval requirements for surface water taking or discharge should be identified in the Project File/ESR. In particular, a Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information. Additionally, an

Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

□ **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the Project File/ESR.
- If the potential construction or decommissioning of water wells is identified as an issue, the Project File/ESR should refer to Ontario Regulation 903, Wells, under the OWRA.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Any potential approval requirements for groundwater taking or discharge should be identified in the Project File/ESR. In particular, a Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information.

□ **Contaminated Soils**

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

□ **Excess Materials Management**

- Activities involving the management of excess soil should be completed in accordance with the

MECP's current guidance document titled "Management of Excess Soil – A Guide for Best Management Practices" (2014) available online (<http://www.ontario.ca/document/management-excess-soil-guide-best-management-practices>).

- All waste generated during construction must be disposed of in accordance with ministry requirements.

□ Servicing and Facilities

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

□ Mitigation and Monitoring

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the Project File/ESR and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.
- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- The proponent's construction and post-construction monitoring plans must be documented in the Project File/ESR, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

□ Consultation

- The Project File/ESR must demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the Project File/ESR that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.

□ Class EA Process

- The Project File/ESR should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.
- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, in particular by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the

requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act* (EAA), although the plan itself would not be.

- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The Project File/ESR should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the Project File/ESR.
- Please include in the Project File/ESR a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, and approvals under the *Canadian Environmental Assessment Act* (CEAA).
- Ministry guidelines and other information related to the issues above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy>. We encourage you to review all the available guides and to reference any relevant information in the Project File/ESR.

A PROPONENT'S INTRODUCTION TO THE DELEGATION OF PROCEDURAL ASPECTS OF CONSULTATION WITH ABORIGINAL COMMUNITIES

DEFINITIONS

The following definitions are specific to this document and may not apply in other contexts:

Aboriginal communities – the First Nation or Métis communities identified by the Crown for the purpose of consultation.

Consultation – the Crown's legal obligation to consult when the Crown has knowledge of an established or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. This is the type of consultation required pursuant to s. 35 of the *Constitution Act, 1982*. Note that this definition does not include consultation with Aboriginal communities for other reasons, such as regulatory requirements.

Crown – the Ontario Crown, acting through a particular ministry or ministries.

Procedural aspects of consultation – those portions of consultation related to the process of consultation, such as notifying an Aboriginal community about a project, providing information about the potential impacts of a project, responding to concerns raised by an Aboriginal community and proposing changes to the project to avoid negative impacts.

Proponent – the person or entity that wants to undertake a project and requires an Ontario Crown decision or approval for the project.

I. PURPOSE

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties. This document provides general information about the Ontario Crown's approach to delegation of the procedural aspects of consultation to proponents.

This document is not intended to instruct a proponent about an individual project, and it does not constitute legal advice.

II. WHY IS IT NECESSARY TO CONSULT WITH ABORIGINAL COMMUNITIES?

The objective of the modern law of Aboriginal and treaty rights is the *reconciliation* of Aboriginal peoples and non-Aboriginal peoples and their respective rights, claims and interests. Consultation is an important component of the reconciliation process.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. For example, the Crown's duty to consult is triggered when it considers issuing a permit, authorization or approval for a project which has the potential to adversely impact an Aboriginal right, such as the right to hunt, fish, or trap in a particular area.

The scope of consultation required in particular circumstances ranges across a spectrum depending on both the nature of the asserted or established right and the seriousness of the potential adverse impacts on that right.

Depending on the particular circumstances, the Crown may also need to take steps to accommodate the potentially impacted Aboriginal or treaty right. For example, the Crown may be required to avoid or minimize the potential adverse impacts of the project.

III. THE CROWN'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

The Crown has the responsibility for ensuring that the duty to consult, and accommodate where appropriate, is met. However, the Crown may delegate the procedural aspects of consultation to a proponent.

There are different ways in which the Crown may delegate the procedural aspects of consultation to a proponent, including through a letter, a memorandum of understanding, legislation, regulation, policy and codes of practice.

If the Crown decides to delegate procedural aspects of consultation, the Crown will generally:

- Ensure that the delegation of procedural aspects of consultation and the responsibilities of the proponent are clearly communicated to the proponent;
- Identify which Aboriginal communities must be consulted;
- Provide contact information for the Aboriginal communities;
- Revise, as necessary, the list of Aboriginal communities to be consulted as new information becomes available and is assessed by the Crown;
- Assess the scope of consultation owed to the Aboriginal communities;
- Maintain appropriate oversight of the actions taken by the proponent in fulfilling the procedural aspects of consultation;
- Assess the adequacy of consultation that is undertaken and any accommodation that may be required;
- Provide a contact within any responsible ministry in case issues arise that require direction from the Crown; and
- Participate in the consultation process as necessary and as determined by the Crown.

IV. THE PROPONENT'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

Where aspects of the consultation process have been delegated to a proponent, the Crown, in meeting its duty to consult, will rely on the proponent's consultation activities and documentation of those activities. The consultation process informs the Crown's decision of whether to approve a proposed project or activity.

A proponent's role and responsibilities will vary depending on a variety of factors including the extent of consultation required in the circumstance and the procedural aspects of consultation the Crown has delegated to it. Proponents are often in a better position than the Crown to discuss a project and its potential impacts with Aboriginal communities and to determine ways to avoid or minimize the adverse impacts of a project.

A proponent can raise issues or questions with the Crown at any time during the consultation process. If issues or concerns arise during the consultation that cannot be addressed by the proponent, the proponent should contact the Crown.

a) What might a proponent be required to do in carrying out the procedural aspects of consultation?

Where the Crown delegates procedural aspects of consultation, it is often the proponent's responsibility to provide notice of the proposed project to the identified Aboriginal communities. The notice should indicate that the Crown has delegated the procedural aspects of consultation to the proponent and should include the following information:

- a description of the proposed project or activity;
- mapping;
- proposed timelines;
- details regarding anticipated environmental and other impacts;
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.

Proponents should provide enough information and time to allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project. Depending on the nature of consultation required for a project, a proponent also may be required to:

- provide the Crown with copies of any consultation plans prepared and an opportunity to review and comment;
- ensure that any necessary follow-up discussions with Aboriginal communities take place in a timely manner, including to confirm receipt of information, share and update information and to address questions or concerns that may arise;
- as appropriate, discuss with Aboriginal communities potential mitigation measures and/or changes to the project in response to concerns raised by Aboriginal communities;
- use language that is accessible and not overly technical, and translate material into Aboriginal languages where requested or appropriate;
- bear the reasonable costs associated with the consultation process such as, but not limited to, meeting hall rental, meal costs, document translation(s), or to address technical & capacity issues;
- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts;
- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

b) What documentation and reporting does the Crown need from the proponent?

Proponents should keep records of all communications with the Aboriginal communities involved in the consultation process and any information provided to these Aboriginal communities.

As the Crown is required to assess the adequacy of consultation, it needs documentation to satisfy itself that the proponent has fulfilled the procedural aspects of consultation delegated to it. The documentation required would typically include:

- the date of meetings, the agendas, any materials distributed, those in attendance and copies of any minutes prepared;
- the description of the proposed project that was shared at the meeting;
- any and all concerns or other feedback provided by the communities;
- any information that was shared by a community in relation to its asserted or established Aboriginal or treaty rights and any potential adverse impacts of the proposed activity, approval or disposition on such rights;
- any proposed project changes or mitigation measures that were discussed, and feedback from Aboriginal communities about the proposed changes and measures;
- any commitments made by the proponent in response to any concerns raised, and feedback from Aboriginal communities on those commitments;
- copies of correspondence to or from Aboriginal communities, and any materials distributed electronically or by mail;
- information regarding any financial assistance provided by the proponent to enable participation by Aboriginal communities in the consultation;
- periodic consultation progress reports or copies of meeting notes if requested by the Crown;
- a summary of how the delegated aspects of consultation were carried out and the results; and
- a summary of issues raised by the Aboriginal communities, how the issues were addressed and any outstanding issues.

In certain circumstances, the Crown may share and discuss the proponent's consultation record with an Aboriginal community to ensure that it is an accurate reflection of the consultation process.

c) Will the Crown require a proponent to provide information about its commercial arrangements with Aboriginal communities?

The Crown may require a proponent to share information about aspects of commercial arrangements between the proponent and Aboriginal communities where the arrangements:

- include elements that are directed at mitigating or otherwise addressing impacts of the project;
- include securing an Aboriginal community's support for the project; or
- may potentially affect the obligations of the Crown to the Aboriginal communities.

The proponent should make every reasonable effort to exempt the Crown from confidentiality provisions in commercial arrangements with Aboriginal communities to the extent necessary to allow this information to be shared with the Crown.

The Crown cannot guarantee that information shared with the Crown will remain confidential. Confidential commercial information should not be provided to the Crown as part of the consultation record if it is not relevant to the duty to consult or otherwise required to be submitted to the Crown as part of the regulatory process.

V. WHAT ARE THE ROLES AND RESPONSIBILITIES OF ABORIGINAL COMMUNITIES' IN THE CONSULTATION PROCESS?

Like the Crown, Aboriginal communities are expected to engage in consultation in good faith. This includes:

- responding to the consultation notice;
- engaging in the proposed consultation process;
- providing relevant documentation;
- clearly articulating the potential impacts of the proposed project on Aboriginal or treaty rights; and
- discussing ways to mitigate any adverse impacts.

Some Aboriginal communities have developed tools, such as consultation protocols, policies or processes that provide guidance on how they would prefer to be consulted. Although not legally binding, proponents are encouraged to respect these community processes where it is reasonable to do so. Please note that there is no obligation for a proponent to pay a fee to an Aboriginal community in order to enter into a consultation process.

To ensure that the Crown is aware of existing community consultation protocols, proponents should contact the relevant Crown ministry when presented with a consultation protocol by an Aboriginal community or anyone purporting to be a representative of an Aboriginal community.

VI. WHAT IF MORE THAN ONE PROVINCIAL CROWN MINISTRY IS INVOLVED IN APPROVING A PROPONENT'S PROJECT?

Depending on the project and the required permits or approvals, one or more ministries may delegate procedural aspects of the Crown's duty to consult to the proponent. The proponent may contact individual ministries for guidance related to the delegation of procedural aspects of consultation for ministry-specific permits/approvals required for the project in question. Proponents are encouraged to seek input from all involved Crown ministries sooner rather than later.

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Thursday, October 24, 2019 3:07 PM
To: Reid Mitchell
Cc: Mike Ainley; Jody Marks
Subject: FW: Raymond A. Barker Water Treatment Plan Expansion - Town of Collingwood - NVCA ID # 37757
Attachments: ASSESSMENT RPT JULY 2019.pdf

Reid,

Please see the email below from the NVCA to be added to the EA correspondence file and noted action items required.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

From: Lee Bull [mailto:lbull@nvca.on.ca]
Sent: October-24-19 2:48 PM
To: Ken Kaden <kkaden@collingwood.ca>
Subject: Raymond A. Barker Water Treatment Plan Expansion - Town of Collingwood - NVCA ID # 37757

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Good afternoon Ken

Nottawasaga Valley Conservation Authority [NVCA] is in receipt of a "Notice of Study Commencement" of a Class Environmental Assessment associated with the Raymond A. Barker Water Treatment Plant Expansion.

General Comments:

The water treatment plant property is partially regulated by the NVCA for Shoreline Hazards associated with Georgian Bay.

In accordance with Ontario Regulation 172/06 (our Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation), a permit will be required from the NVCA prior to any of the following:

- Construction of any building or structure within the shoreline flood hazard;
- Placing fill within an area Regulated by the NVCA;
- Straightening, changing, diverting or interfering in any way of the existing channel of a river, creek, stream or watercourse;
- Interference with a wetland.

General Design Objectives Engineering

1. The project should include quality and quantity control measures to treat stormwater runoff from the site in accordance with MECP and NVCA Guidelines. Typically we request that the proponent provide treatment for all new proposed impervious areas and where possible existing road surfaces. Low Impact Development measures are encouraged.
2. All proposed structures (i.e. elevated storage tanks, booster pumping station, etc.) should be planned, and constructed outside of the hazard limits.
3. Water quality treatment (to the enhanced level) should be applied to all new and existing road improvements. Consideration should be given to implementing a treatment train approach.
4. During the detailed design period of this project, all proposed methods to control sedimentation during construction and potential erosion following the completion of the project should be included.

Hydrogeology Comments:

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* were amended to ensure that source protection planning is incorporated early in the municipal residential drinking water supply process.

Effective July 1, 2018, the new amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the source protection authority (SPA) before the owner can apply for a drinking water works permit / license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved by the Ministry of the Environment, Conservation, and Parks.

Under section 2(3) of O. Reg. 205/18, an application for an amendment to a drinking water works permit / license, must be accompanied by a copy of a Notice (described in Clause 48 (1.1) (b) of O. Reg. 287/07) given to the owner of the drinking water system. This Notice must state that the SPA is satisfied that the technical work has been completed, for the purpose of identifying amendments to the source protection plan that are anticipated to be necessary, and the timing to submit any proposed amendments to the Ministry of the Environment, Conservation, and Parks..

It is noted in the commencement letter that subsequent to the MSP PIC it was determined that it would be necessary to increase the ultimate plant capacity identified in the 2004 Class EA (74.6 MLD) to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities. It is assumed that this would trigger a permit to take renewal. Therefore, the EA process should be aware of the O.Reg 205/18.

Attached to this email is the draft implementation guidelines for O.Reg. 205/18 for consideration by the municipality.

Next steps:

Given NVCA's interest, staff would like to be kept informed of future meetings and proceedings through the Environmental Assessment process. Please forward any detailed information or reports including any draft Environmental Servicing Reports, when available to ensure that this

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Thursday, November 21, 2019 8:43 AM
To: rpost@nvca.on.ca
Cc: Peggy Slama; Robin Shugan; Reid Mitchell; Jody Marks
Subject: RE: water treatment plant EA

Ryan,

In response to your inquiry regarding the EA currently underway for the Town of Collingwood's water treatment plant.

As you have noted the EA is underway, we are hoping to have it completed in late spring/early summer of 2020 such that we could have a design engineer retained by the fall of 2020 to undertake the design of phase 1 of the upgrades we will need at our treatment plant.

While the EA does identify the need for increase water taking, this is part of the ultimate design and will not be part of the Phase 1 work. Our PTTW is up for renewal in January 2021 and the current plan is to renew it at the same taking limits as this will satisfy our projected needs for the next 10 years. No new surface water intake or alterations to the existing intake pipe are proposed under Phase 1.

Trust that this clarifies things a bit. Should you have any follow up questions please feel free to contact me directly.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

From: Robin Shugan
Sent: Monday, November 18, 2019 10:19 AM
To: 'Ryan Post'
Cc: Peggy Slama
Subject: RE: water treatment plant EA

Hi Ryan,
I have passed your email on to Peggy Slama to answer your inquiry.
Thanks,
Robin

Robin Shugan CPT, ACST
Planning Technician
Secretary Treasurer Committee of Adjustment,
RMO/I
Planning Services

Town of Collingwood
55 Ste. Marie Street Unit 302
Collingwood ON. L9Y 0W6
705-445-1290 Ext. 3259

rshugan@collingwood.ca | www.collingwood.ca

From: Ryan Post [<mailto:rpost@nvca.on.ca>]
Sent: Monday, November 18, 2019 9:50 AM
To: Robin Shugan
Subject: water treatment plant EA

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robin;

hope all is well

I understand that the Town of Collingwood is undergoing a Class EA regarding the water treatment plant expansion (see attached). do you happen to know the timelines for the Class EA completion and status for this endeavor? further, since the notice has already identified the increase in the maximum taking, has any work been completed to update the PTTW?

the reason I ask is that depending on the volume change, there may need to be some updating/work under O. Reg 205/18- see attached in order to be in compliance with the clean water act.

please let me know if you have any questions

sincerely

ryan post

Ryan Post M.Sc., P. Geo | Manager, Watershed Science

Nottawasaga Valley Conservation Authority

8195 8th Line, Utopia, ON L0M 1T0

T 705-424-1479 ext. 249 | **F** 705-424-2115

rpost@nvca.on.ca | nvca.on.ca

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Authority's policy and program interests are reflected in the planning and design components for this project.

We thank you for the opportunity to provide comments at this stage in the EA process and we look forward to working with you on this matter.

Sincerely,

Lee J. Bull, MCIP, RPP | Manager, Planning Services

Nottawasaga Valley Conservation Authority

8195 8th Line, Utopia, ON L0M 1T0

T 705-424-1479 ext. 231 | F 705-424-2115

lbull@nvca.on.ca | nvca.on.ca

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Victoria Perejmybida

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Friday, August 16, 2019 9:51 AM
To: Victoria Perejmybida
Cc: mitchell@ainleygroup.com; Peggy Slama; Mike Ainley
Subject: Fwd: Raymond A. Barker Water Treatment Plant Expansion, Collingwood

Tori

FYI. See email below.

Sent from my iPhone

Begin forwarded message:

From: Sharday James <shardayj@ramafirstnation.ca>
Date: August 16, 2019 at 9:45:54 AM EDT
To: "kkaden@collingwood.ca" <kkaden@collingwood.ca>
Subject: Raymond A. Barker Water Treatment Plant Expansion, Collingwood

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Good Morning,

My name is Sharday James and I am the Community Consultation Worker for the Chippewas of Rama First Nation. I am sending this email in regards to a notice we received from you dated August 15th about the commencement of an EA for the expansion of the Raymond A. Barker Water Treatment Plant in Collingwood. I wanted to thank you for contacting us. At this time we have no comments but we ask that you keep us informed moving forward. I also wanted to let you know that I should be the one who is contacted on any future updates.

Thank you,
Sharday James

Sharday James

Community Consultation Worker, Communications

Chippewas of Rama First Nation

(ph) 705-325-3611,1633

(cell)

(fax)

(url) www.ramafirstnation.ca

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

 Please consider the environment before printing this e-mail.

Victoria Perejmybida

From: Juanita Meekins <juanita.meekins@saugeenojibwaynation.ca>
Sent: Tuesday, August 20, 2019 3:26 PM
To: Victoria Perejmybida; Doran Ritchie
Subject: Town of Collingwood Class Environmental Assessment Raymond

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Tori and Veronica,

The Saugeen Ojibway Nation Environment Office would like further information regarding the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. We would like information as to the scope of the project and timelines.

You can email this information to Doran Ritchie and myself, I will be the contact for this project. I look forward to this information and if you have any questions or concerns my contact information is below.

Thank you,

--

Juanita Meekins Executive Assistant of Resources and Infrastructure
Saugeen Ojibway Nation Environment Office
25 Maadokii Subdivision Neyaashiinigiing, Ontario N0H 2T0
Cell: (519) 379-0558 | Office: (519) 534-5507 | Fax: (519) 534-5525

Victoria Perejmybida

From: Victoria Perejmybida
Sent: Thursday, August 15, 2019 2:47 PM
To: [REDACTED]
Cc: Mike Ainley; Ken Kaden
Subject: RE: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Hi [REDACTED],

Thank you for the email. We have updated the agency contact list with your information for further project correspondence.

Regards,

Tori Perejmybida, M.A.Sc., P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you.*****

perejmybida@ainleygroup.com
Tel: (705) 445-3451 Ext. 119
Cell: (705) 539-0149

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From: [REDACTED] >
Sent: Thursday, August 15, 2019 11:50 AM
To: Victoria Perejmybida <perejmybida@ainleygroup.com>
Subject: RE: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Thank you Tori for including us on your mailing list.

Please send any further notifications to me directly.

[REDACTED]

[REDACTED]
Water and Wastewater Engineering

Tatham Engineering Limited
115 Sandford Fleming Drive, Suite 200 | Collingwood | Ontario | L9Y 5A6
T 705-444-2565 x2089 | [REDACTED]

In conjunction with our 30th year of operations, we are pleased to announce our new name **Tatham Engineering Limited** and website **tathameng.com**. Please update your records accordingly, including email addresses which have also changed.

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From: Victoria Perejmybida <perejmybida@ainleygroup.com>
Sent: Thursday, August 15, 2019 11:24 AM
Cc: Ken Kaden <kkaden@collingwood.ca>; Mike Ainley <ainley.m@ainleygroup.com>
Subject: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement

Good morning,

The Town of Collingwood is undertaking a Class Environmental Assessment study to update the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. You are on the stakeholder contact list for this project. Please find attached the Notice of Study Commencement.

If you have any question please do not hesitate to contact us. Thank you.

Regards,

Tori Perejmybida, M.A.Sc., P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you.*****

perejmybida@ainleygroup.com

Tel: (705) 445-3451 Ext. 119

Cell: (705) 539-0149

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Victoria Perejmybida

From: Victoria Perejmybida
Sent: Thursday, August 22, 2019 10:01 AM
To: [REDACTED]
Cc: Ken Kaden; Mike Ainley; Reid Mitchell
Subject: RE: Collingwood Class EA

Hi [REDACTED],

Thank you for providing your contact information. The contact list has been updated accordingly.

Regards,

Tori Perejmybida, M.A.Sc., P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you. *****

perejmybida@ainleygroup.com
Tel: (705) 445-3451 Ext. 119
Cell: (705) 539-0149

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From: [REDACTED] >
Sent: Thursday, August 22, 2019 10:15 AM
To: Victoria Perejmybida <perejmybida@ainleygroup.com>
Subject: Collingwood Class EA

Hello Tori,
Thank you for forwarding this Notice. My email address is [REDACTED] for future notices and the office telephone number is [REDACTED] for your records
Regards
[REDACTED]

From: info@planwells.com <info@planwells.com>
Sent: Wednesday, August 21, 2019 3:13 PM
To: [REDACTED]
Subject: [FWD: Collingwood Water Treatment Plant Environmental Assessment - Notice of Study Commencement]

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

Subject: Collingwood Water Treatment Plant Environmental Assessment -
Notice of Study Commencement
From: Victoria Perejmybida <perejmybida@ainleygroup.com>

Date: Thu, August 15, 2019 8:23 am

To:

Cc: Ken Kaden <kkaden@collingwood.ca>, Mike Ainley
<ainley.m@ainleygroup.com>

Good morning,

The Town of Collingwood is undertaking a Class Environmental Assessment study to update the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. You are on the stakeholder contact list for this project. Please find attached the Notice of Study Commencement.

If you have any question please do not hesitate to contact us. Thank you.

Regards,

Tori Perejmybida, [M.A.Sc.](https://www.aainleygroup.com), P.Eng.



www.ainleygroup.com

*****Please note the name and e-mail change. Please update your contact list/address book. Thank you.*****

perejmybida@ainleygroup.com

Tel: (705) 445-3451 Ext. 119

Cell: (705) 539-0149

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Plan Wells Associates

Plan Wells Associates,
40 Connor Avenue,
Collingwood, Ontario, L9Y 5K6
Telephone 705 444 5812
Fax 705 444 6756

www.planwells.com



From: [Reid Mitchell](#)
To: [Jody Marks](#)
Subject: FW: Class EA - Raymond A. Barker Water Treatment Plant Expansion
Date: Wednesday, September 11, 2019 9:03:54 AM

FYI for your files.

Reid Mitchell
Engineering Technologist



www.ainleygroup.com
Tel: (705) 445-3451 Ext. 135
Cell: (705) 444-4837

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From: Ken Kaden [mailto:kkaden@collingwood.ca]
Sent: Wednesday, September 04, 2019 7:44 AM
To: [REDACTED]
Cc: [REDACTED]; John Velick; Reid Mitchell; Peggy Slama
Subject: RE: Class EA - Raymond A. Barker Water Treatment Plant Expansion

[REDACTED],

You are correct, this development was included in the MSP as a potential development and therefore will be included in future water demands to be accounted for in the WTP expansion.

Trust this clarifies things for you.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

From: [REDACTED]
Sent: September-03-19 3:08 PM
To: Ken Kaden <kkaden@collingwood.ca>
Cc: [REDACTED]; John Velick <jvelick@collingwood.ca>; Reid Mitchell <mitchell@ainleygroup.com>; Peggy Slama <pslama@collingwood.ca>
Subject: RE: Class EA - Raymond A. Barker Water Treatment Plant Expansion

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Ken – we appreciate the response below; however, we'd like more definitive confirmation that [REDACTED] is considered a potential development and included in the servicing scenarios (in lieu of the "we believe"). If it is, then it would appear the study also considered greenfield developments located outside the 'built boundary' and you may want to update that wording accordingly.

Regards,

[REDACTED]

From: Ken Kaden <kkaden@collingwood.ca>

Sent: Tuesday, September 3, 2019 11:51 AM

To: [REDACTED]

Cc: [REDACTED]; John Velick <jvelick@collingwood.ca>; Reid Mitchell <mitchell@ainleygroup.com>; Peggy Slama <pslama@collingwood.ca>

Subject: RE: Class EA - Raymond A. Barker Water Treatment Plant Expansion

[REDACTED]

My apologies for the delay in my response. I have been out of the office unexpectedly.

The master servicing plan looked in detail at planned development and potential development, and in less detail the servicing of all remnant lands within the municipality. We believe the property you are referring to is considered a potential development and would have been included in our servicing scenarios. The Water Plant Expansion EA is including a phased approach for servicing the full build out of the Collingwood boundary

Trust this answers your question.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

From: [REDACTED]

Sent: August-23-19 10:15 AM

To: Ken Kaden <kkaden@collingwood.ca>

Cc: [REDACTED]

Subject: Class EA - Raymond A. Barker Water Treatment Plant Expansion

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click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Good morning Ken,

Thank you for circulating us on the Notice of Study Commencement for the Raymond A. Barker Water Treatment Plant Expansion. On behalf of our Client, [REDACTED], we'd like some clarification on the area that will be serviced by this expansion. The documentation provided indicates "the capacity will be increased from 74.6 MLD to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities". We assume there's a typo and that should refer to the 'built' boundary projections.

Our Clients property [REDACTED] is located outside of the built boundary. We have applied for Draft Plan Approval (this site has been previously Draft Plan Approved for many years) and expect the application to go to council shortly. Will the expansion service their development and other 'greenfield' developments?

Please advise. We look forward to receiving future information regarding this Class EA process.

Regards,

[REDACTED]

Tatham Engineering Limited

115 Sandford Fleming Drive, Suite 200 | Collingwood | Ontario | L9Y 5A6
T 705.444.2565 x2007 | [REDACTED]

In conjunction with our 30th year of operations, we are pleased to announce our new name Tatham Engineering Limited and website tathameng.com. Please update your records accordingly, including email addresses which have also changed.

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Meeting Notes

December 4, 2019 Meeting with NVCA

To: File **File:** 119013

From: Jody Marks

Date: December 13, 2019

Ref: Town of Collingwood Raymond A. Barker WTP Expansion Class EA

As part of agency consultation of the Class EA process, the Nottawasaga Valley Conservation Authority (NVCA) was sent the *Notice of Commencement*. The NVCA responded informing the project team that part of the project area is regulated by the NVCA. The response letter further outlined additional guidelines pertaining to water quality control measures, low impact development (LID) features, and Source Water Protection. A copy of the NVCA's response letter in full and correspondence is included in Appendix A.

On December 4, 2019 the project team met with staff from the NVCA to discuss the Authority's policy and program as they relate to the Raymond A. Barker Water Treatment Plant (WTP) Expansion Class Environmental Assessment (Class EA). This memo is intended as a summary of the meeting's discussion and direction.

Those in attendance at this meeting were:

Ken Kaden (Town of Collingwood)	Lee Bull (NVCA)
Reid Mitchell (Ainley Group)	Mark Hartley (NVCA)
Jody Marks (Ainley Group)	

At the start of the meeting Ainley provided NVCA staff with a brief history on the existing WTP and expansion project.

NVCA staff identified that the Shoreline Hazard limit associated with Georgian Bay traverses through the existing WTP land area, while the entire proposed WTP expansion area is within lands designated as Shoreline Hazard. Development within hazardous lands as described in the *Provincial Policy Statement* would require approval under the *Planning Act*. However, development associated with the proposed infrastructure is authorized through completion of the environmental assessment process. A permit from the NVCA will be required for the construction of any buildings within the designated area.

As part of the consultation process, NVCA staff provided recommendations on the information to be included in the Environmental Study Report (ESR) to effectively address their comments and concerns. The following outlines information to be demonstrated within the ESR:

- Consideration for the implications of developing within hazardous lands; such as public safety, erosion, and access for shoreline maintenance.
- The design of any buildings should be cautious of elevations and consider raised openings to all entryways to help reduce impacts from potential flooding.
- The design and location of hazardous materials storage
- Develop appropriate mitigation measures to address impacts from potential hazards.
- The use of LID features is encouraged to slow rapid runoff and should be considered

throughout the project area. In particular an effort should be made to incorporate LIDs in areas where hard surfaces are required, such as driveways and roof tops.

Ainley formally requested from the NVCA established lake level and wave uprush data. The NVCA agreed to provide this information to Ainley. Based off of the information provided, Ainley will determine the appropriate elevation for all building openings and consult with the NVCA for further review.

In the NVCA's response letter to the Town of Collingwood, it is noted that as of July 1, 2018 Ontario Regulation 205/18 came into effect. This amendment requires, among other details, that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the source protection authority (SPA) before the owner can apply for a drinking water works permit/license. The following was confirmed through discussions on how this Class EA would have regard for O. Reg. 2015/18:

- The SPA for this project is the NVCA
- Phase 1 of the WTP expansion will operate within the capacity limits of the Town's current Permit to Take Water (PTTW) and therefore it is anticipated that only a renewal will be required.
- To achieve the ultimate capacity phase of the WTP expansion, a new PTTW will be required. It would be at this time that the process described under O. Reg 205/18 will need to be fulfilled by the Town.
- The NVCA recommends that the ESR demonstrate an understanding of O. Reg. 205/18 as it applies to this project.

Staff from the NVCA recommended that future consultation on this project be included to Ryan Post, Manager of Watershed Science of the NVCA.

Continued consultation with the NVCA is expected throughout the remainder of this Class EA and therefore an Appendix of the ESR will be dedicated to NVCA guidelines.

APPENDIX A

NVCA Response Letter and Associated Correspondence

From: [Ken Kaden](#)
To: [Reid Mitchell](#)
Cc: [Mike Ainley](#); [Jody Marks](#)
Subject: FW: Raymond A. Barker Water Treatment Plan Expansion - Town of Collingwood - NVCA ID # 37757
Date: Thursday, October 24, 2019 3:07:15 PM
Attachments: [ASSESSMENT RPT JULY 2019.pdf](#)

Reid,

Please see the email below from the NVCA to be added to the EA correspondence file and noted action items required.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

From: Lee Bull [<mailto:lbull@nvca.on.ca>]
Sent: October-24-19 2:48 PM
To: Ken Kaden <kkaden@collingwood.ca>
Subject: Raymond A. Barker Water Treatment Plan Expansion - Town of Collingwood - NVCA ID # 37757

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Good afternoon Ken

Nottawasaga Valley Conservation Authority [NVCA] is in receipt of a "Notice of Study Commencement" of a Class Environmental Assessment associated with the Raymond A. Barker Water Treatment Plant Expansion.

General Comments:

The water treatment plant property is partially regulated by the NVCA for Shoreline Hazards associated with Georgian Bay.

In accordance with Ontario Regulation 172/06 (our Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation), a permit will be required from the NVCA prior to any of the following:

- Construction of any building or structure within the shoreline flood hazard;
- Placing fill within an area Regulated by the NVCA;
- Straightening, changing, diverting or interfering in any way of the existing channel of a river, creek, stream or watercourse;

- Interference with a wetland.

General Design Objectives Engineering

1. The project should include quality and quantity control measures to treat stormwater runoff from the site in accordance with MECP and NVCA Guidelines. Typically we request that the proponent provide treatment for all new proposed impervious areas and where possible existing road surfaces. Low Impact Development measures are encouraged.
2. All proposed structures (i.e. elevated storage tanks, booster pumping station, etc.) should be planned, and constructed outside of the hazard limits.
3. Water quality treatment (to the enhanced level) should be applied to all new and existing road improvements. Consideration should be given to implementing a treatment train approach.
4. During the detailed design period of this project, all proposed methods to control sedimentation during construction and potential erosion following the completion of the project should be included.

Hydrogeology Comments:

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* were amended to ensure that source protection planning is incorporated early in the municipal residential drinking water supply process.

Effective July 1, 2018, the new amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the source protection authority (SPA) before the owner can apply for a drinking water works permit / license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved by the Ministry of the Environment, Conservation, and Parks.

Under section 2(3) of O. Reg. 205/18, an application for an amendment to a drinking water works permit / license, must be accompanied by a copy of a Notice (described in Clause 48 (1.1) (b) of O. Reg. 287/07) given to the owner of the drinking water system. This Notice must state that the SPA is satisfied that the technical work has been completed, for the purpose of identifying amendments to the source protection plan that are anticipated to be necessary, and the timing to submit any proposed amendments to the Ministry of the Environment, Conservation, and Parks..

It is noted in the commencement letter that subsequent to the MSP PIC it was determined that it would be necessary to increase the ultimate plant capacity identified in the 2004 Class EA (74.6 MLD) to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities. It is assumed that this would trigger a permit to take renewal. Therefore, the EA process should be aware of the O.Reg 205/18.

Attached to this email is the draft implementation guidelines for O.Reg. 205/18 for consideration by the municipality.

Next steps:

Given NVCA's interest, staff would like to be kept informed of future meetings and proceedings through the Environmental Assessment process. Please forward any detailed information or reports including any draft Environmental Servicing Reports, when available to ensure that this Authority's policy and program interests are reflected in the planning and design components for this project.

We thank you for the opportunity to provide comments at this stage in the EA process and we look forward to working with you on this matter.

Sincerely,

Lee J. Bull, MCIP, RPP | Manager, Planning Services

Nottawasaga Valley Conservation Authority

8195 8th Line, Utopia, ON LOM 1T0

T 705-424-1479 ext. 231 | F 705-424-2115

lbull@nvca.on.ca | nvca.on.ca

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Assessment Report and Plan Amendments under s.34 of the Clean Water Act – Internal Process for Implementing Regulatory Requirements in the SGBLS Region

July 2019

Purpose

To provide guidance to SPAs for implementing the regulatory requirements under the *Safe Drinking Water Act, 2002*, O. Reg. 205/18 and the *Clean Water Act, 2006*, s.48(1.1) (b), O. Reg. 287/07 in order to incorporate source protection planning into the municipal residential drinking water supply process.

Background

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* were amended to ensure that source protection planning is incorporated early in the municipal residential drinking water supply process.

Effective July 1, 2018, the new amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the source protection authority (SPA) before the owner can apply for a drinking water works permit / license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved by the Ministry of the Environment, Conservation, and Parks.

Under section 2(3) of O. Reg. 205/18, an application for an amendment to a drinking water works permit / license, must be accompanied by a copy of a Notice (described in Clause 48 (1.1) (b) of O. Reg. 287/07) given to the owner of the drinking water system. This Notice must state that the SPA is satisfied that the technical work has been completed, for the purpose of identifying amendments to the source protection plan that are anticipated to be necessary, and the timing to submit any proposed amendments to the Ministry of the Environment, Conservation, and Parks.

Implementing the Regulations in the SGBLS Source Protection Region

To assist with the implementation of these new requirements, a protocol including a work flow diagram and checklist has been developed. The goal is to provide a framework linking source protection planning to Municipal Class Environmental Assessment and drinking water works permit/license processes. The protocol is comprised of:

1. Work flow diagram (Appendix A)
2. Checklist of required steps and tasks to be completed by the SPA (Appendix B)
3. Series of Class Environmental Assessment and Source Protection Planning Matrices (Appendix C)
4. Checklist of files to be submitted to the SPA (Appendix D)
5. Example SPA Notice of Amendments to SPP (Appendix E)
6. Folders and documents for SPA to submit to MECP on USB key (Appendix F)

Appendix A – Work Flow Diagram

<p>Step 1: Early Planning</p> <p>Municipal residential drinking water system owners and local SPA discuss the owner’s intention of establishing or altering a system</p>	
<p>Step 2: Notice from Owner</p> <p>System owner conducts technical EA and source protection planning work (mapping, vulnerability) and provides a written notice to the local SPA of their intent of applying for a permit/license from MECP.</p>	<p>Approximate timing for SPA to complete steps after receiving notice *</p>
<p>Step 3: Source Protection Work</p> <p>Complete and submit WHPA mapping and vulnerability delineation to the local SPA and the Lead SPA program Manager. Note that even after approval of EA, the provision of water cannot commence until the updated SPP is approved</p>	
<p>Step 4: Notice from SPA</p> <p>Local SPA reviews technical work to determine if work is sufficiently complete to identify amendments needed to the SPP and if complete, issue a notice to the owner stating that the work is complete. Owner can then apply for a drinking water works permit/licence</p>	<p>~1 month</p>
<p>Step 5: SPP Update</p>	
<p>Step 5a: Early Engagement 1</p> <p>Local SPA to inform affected Municipalities that council resolution will be required and start early engagement with MECP for feedback</p>	<p>~1 month (may be completed concurrently with Step 4)</p>
<p>Step 5b: Plan Amendment(s) Developed</p> <p>SPA and SPC agree on amendments required</p>	<p>~3 months</p>
<p>Step 5c: Early Engagement 2</p> <p>At the discretion of the local SPA copies of proposed amendments can be provided to Clerk of affected Municipalities and other persons</p>	<p>~1-2 months (may be able to be completed concurrently with Step 5b)</p>
<p>Step 5d: Pre-consultation</p> <p>Notice of SPP revisions including draft policy text, summary of rationale for changes, and request for written comments sent to impacted bodies including Municipalities and government bodies</p>	
<p>Step 5d: Municipal Endorsement</p> <p>Municipality(ies) affected by proposed amendments pass a council resolution endorsing the amendments if it has not already been accomplished in pre-consultation step 5c</p>	<p>TBD municipality by municipality</p>
<p>Step 5e: Public Consultation</p> <p>Local SPA publishes proposed amendments on website with hardcopies to be made available and notification in newspaper and to affected parties. Public consultation to last at minimum 35-days from date of notification</p>	<p>~1-2 months</p>
<p>Step 6: SPA Submission to MECP</p> <p>Including a cover letter confirming SPA support of amendments, proposed amendments, revised explanatory document, summary of all consultation activities, and example notices</p>	<p>~3 months</p>
<p>Step 7: Provision of Water</p> <p>Chair of SPC, Local and Lead SPAs will receive notification from Ministry that amendments to the SGBLS Source Protection Plan have been approved. The drinking water system owner can supply water to the public</p>	

* Please note that approximate timing for SPAs to complete each work flow step is a very rough estimate and will depend on the complexity of the update and the ability to schedule meetings with relevant committees, boards, and councils.

Appendix B – Checklist of required steps to be completed by SPA

Step 1: Early Planning

- Initiated by Municipality to inform local SPA of anticipated s.34 update
- Recommended that Local SPA provide Municipality with pdf document of protocol for s.34 update so Municipality is aware of expectations, requirements and anticipated timelines of the local SPA

Step 2: Notice from Owner

- Initiated by Municipality to confirm intent
- Recommended that local SPA confirm with the owner the municipal well/ intake alteration category (to determine required technical work as outlined in the planning matrix Appendix C)
- Recommended that local SPA provide Municipality with pdf document of protocol for s.34 update if haven't already
- Local SPA to confirm with municipality a list of files to be submitted to the SPA based on extent of technical changes expected as outlined in the protocol document (Appendix D)
- Local SPA to inform lead SPA of Municipality intent and upcoming s.34 amendment

Step 3: Source Protection Work

- Initiated by Municipality and provided to local SPA and should include the following technical work/documents but will depend on the EA category (as outlined in Appendix C and D)
 - Mapping and GIS files of any new vulnerable areas or alteration of existing vulnerable areas
 - Mapping and GIS files of percent impervious, percent managed lands, and livestock density where applicable
 - Any information related to existing issues / conditions that municipalities are aware of
- Local SPA to ensure all appropriate documentation of technical work required for submission to MECP has been provided by municipality (refer to appendix D for required documents)

Step 4: Notice from SPA

- Local SPA reviews technical work to determine if work is sufficiently complete to identify amendments needed to SPP. Note: the SPA review of technical work is to ensure it is complete for the purposes of the SPA identifying amendments that are anticipated to be necessary to the SPP and not for accuracy
 - To determine if technical work is “sufficiently complete” and that we are satisfied, consider the following: quality of technical work; methods consistent with previous technical work and if not then changes to methodology makes sense; WHPA delineation method is appropriate (e.g. model is adequate or 2D method seems reasonable); go through Assessment report to ensure can make all changes required; GIS files have what we need for mapping and determining significant/moderate/low threats; etc.
- Local SPA assess potential amendments needed to the AR and SPP
- Local SPA estimates the time necessary to complete the amendment, including the Steps for consultation with SPC, municipalities, implementing bodies, and SPA Board endorsement
- NOTE: ensure the notice is not issued until all information required to update the SPP is obtained (including GIS files, etc.)
- Local SPA issues notice to system owner upon confirmation that technical work is complete (cc the MECP Liaison for SGBLS). An example notice template is provided in Appendix E but should include the following:
 - Addressed to relevant Municipality(ies)/Joint board
 - Statement that the SPA is satisfied that the technical work has been completed for the purpose of being able to identify the amendments to the SPP that are anticipated to be necessary

- Identification of the anticipated amendments that may be needed to the SPP. Table of specific sections within the AR and SPP that will need to be revised, including whether or not it is anticipated that new policies will need to be developed
- Estimated timing for the SPA to propose amendments to the MECP. Could include estimated timelines for when SPA will be able to request municipal endorsement, and subsequent public consultation if known. Can also mention that timing of MECP review and approval is not within control of the SPA
- Indicate if any amendments have been or will be implemented as a result of the SPC updating the SPP after completing a review under s.36
- NOTE: if a new well in an existing system will not result in changes to vulnerable areas or scores, the Notice can state that the SPA is satisfied with the required mapping information for the new well and that no SPP amendments are needed at this time because the new well does not alter any existing vulnerable areas and will be fully protected by the current WHPA and SPP policies. The administrative addition of a location on a map to show the new well and any other minor edits to the SPP can be completed the next time a change is occurring to the SPP, i.e. during future amendments under s.34 or s.36.
- The notice must state that it is subject to the Clean Water Act but a disclaimer is not necessary

Step 5: SPP Update

- Once technical work is received from the owner, the SPA can start the SPP update process as outlined below
- Local SPA to keep track of all formal consultation activities (e.g. description of who was consulted, how they were consulted, and when) and methods/dates/locations (e.g. letters, newspaper notices ,name of publication and geographic area served should be included), public meetings, etc. undertaken during the preparation of the amendment as it is required for submission to MECP (MECP requires a summary of notification dates and consultation periods related to various notices issued throughout the technical and policy work). This would include formal consultation with municipalities but not general correspondence.
- NOTE: that for some instances a new well or changes to existing wells may not cause changes to WHPAs and only the addition of a WHPA-A is required. If the new WHPA-A is substantially overlapping the existing WHPA-A and if it is entirely within the same property then the current WHPA is considered to provide adequate protection for the well and the SPP can be updated at a later date (i.e. different s.34 or s.36) and the owner can provide water prior to this update. However, if the new WHPA-A extends onto a new property then the current WHPA may not provide adequate protection and a s.34 must be completed before water can be provided.
- Prepare list of proposed amendments to take to SPC (technical work and policy related changes, booking keeping changes not required)
- Updates to SPP will / could include:
 - Updates to the explanatory document to reflect amended plan, if amendment includes proposals to change / add policies;
 - Addition of new section under 7.2 in SPP to explain consultation process (keep written to ~1 paragraph with a sentence or two for each phase of the amendment);
 - Indication of amendment in SPP under Summary of Amendments
 - Minor text changes to the SPP
 - Changes to Assessment Report text and figures (details of new wells and removal of relevant wells with mention of year it was removed)
 - Possible changes to Methods chapter
 - Review of policies to ensure still sufficient / adequate

- Creation of Chemical, Pathogen, and DNAPL low/medium/significant threats maps (if not completed by the municipality – it is not currently a required aspect municipalities must provide to us)

Step 5a: Early Engagement 1

- Local SPA advises affected Municipalities that council resolution will be required (this is a new process and some Municipalities may not be aware of it)
- SPA to start early engagement with MECP for feedback before taking amendment to SPC
- At the discretion of the SPA early engagement with Municipalities for feedback can occur

Step 5b: Plan Amendment(s) Developed

- SPA present technical work to the SPC Technical Working Group (optional at discretion of SPA)
- SPA present proposed amendments to the SPC. This should include: description of system (bullet points); any changes to WHPAs and vulnerability (VS and intrinsic vulnerability); any water quality concerns; changes or lack of changes to threat enumeration; and justification for keeping or changing policies within SPP.
- SPA and SPC agree on amendments required to AR and SPP
 - Request SPC to agree that, if no changes are required after Pre-Consultation and Public Consultation, than the SPA can move directly to the SPA Board(s) for endorsement without coming back to the SPC.
- SPA starts updating AR and SPP

Step 5c: Early Engagement 2

- At the discretion of the local SPA a copy of proposed amendments can be provided to the clerk of affected municipalities (consider if major changes occurring)
- At the discretion of the SPA early notification of revisions to persons engaging in significant threat activities, implementing bodies, or any other persons to obtain feedback can be made
- The SPA is to keep a mailing list for all parties that received notices (including early engagement, pre-consultation, and public posting of amended technical work and/or policies)

Step 5d: Pre-consultation

- SPA sends notice of AR and SPP revisions to all bodies responsible for implementing proposed policies (for new/changed policies or new/removed threats), those affected by plan amendments and MECP. This includes Municipalities and government bodies and should include:
 - Draft policy text (including vulnerable area mapping)
 - Summary of rationale for changes
 - Explanation of any new policies or outline of policies that already exist that will apply in the new areas (clearly state that previous policies will apply in new locations)
 - Request for submission of written comments
 - The assessment report
 - NOTE: pre-consultation is still required even if there are no text changes and only changes to vulnerable areas
- Pre-Consultation with MECP should be sent to the MECP Liaison for SGBLS and the general inquiry email (source.protection@ontario.ca). All other MECP contacts can be obtained from LSRCA.
 - It is useful to provide MECP with a copy of the marked up changes to the assessment report and plan, along with a summary of what has changed and why
 - Other MECP staff should be consulted at various stages of the s.34 process when revisions may result in changes to existing policies, the addition of new policies, and/or an extension of the geographical area within which policies already contained in the plan apply
- SPA must consider comments received and if policies should be amended prior to public consultation
- If required SPA present proposed changes to amendments to SPC prior to public consultation
- NOTE: at this time SPA can request municipal council resolution but if you do, you must also provide a copy of the notice to Clerk of the Municipality (This is the best time to receive council resolution for

simpler amendments but keep in mind that if comments come back from Pre-consultation that require changes to the SPP you would need to go back to Municipalities for new council resolution)

- All comments received during consultation are to be kept and submitted to MECP

Step 5e: Municipal Endorsement

- Municipality(ies) affected by proposed amendments pass a council resolution endorsing the amendments although at the discretion of the SPA this can be completed earlier during the pre-consultation step. Recommend completing this step earlier in the process especially if Municipalities come back with comments indicating it doesn't impact them.

Step 5f: Public Consultation

- Local SPA to publish proposed amendments on website and makes hard copies available in at least one suitable location (recommend hard copies to be available at LSRCA head office and relevant town office).
- Local SPA publishes notice of request for written comments in newspaper within a reasonable time once proposed amendments have been published on the website. The notice must indicate the opportunity to:
 - View the proposed amendments on the internet;
 - Inspect the proposed amendment, during times and at a location specified in the notice; and
 - Submit written comments by a date specified in the notice that is not earlier than 35 days after the notice is first published in the newspaper
- Local SPA notifies affected parties of posting and opportunity to submit written comments including the opportunities listed above. Those that should be notified include:
 - the clerk of affected municipalities;
 - chief of any affected First Nations Band (notice must include invitation to discuss the proposed amendments and if accepted the Director must be notified);
 - all bodies responsible for implementing policies including MECP, even if policies do not change and just extending to new areas;
 - if the proposed amendment relates to a significant threat policy then every new person believed to be engaged in that significant threat activity (not people already affected by that threat policy– i.e. already engaged in the SDWT activity before amendment) should be notified (notice should indicate that they are receiving the notice because the SPA believes the person could be engaging in one or more activities that are or would be significant drinking water threats according to the information contained in the assessment report and that the proposed amendments may affect the manner in which an activity is engaged in. Specify the activities in writing or provide list of activities listed in assessment report under clause 15(2)(g) of the Act); and
 - other miscellaneous bodies identified in O. Reg. 287/07 under ss.50(2) (e.g. Niagara Escarpment Commission, planning boards, contacts for Great Lakes water quality agreements, etc.)
 - It is useful for the notice to clearly indicate it is a follow-up to earlier pre-consultation notices that they would have received concerning the same amendment package
- To the discretion of the SPA and the local circumstances the public consultation period can be extended or a public meeting can be hosted

Step 6: SPA Submission to MECP

- SPA amend proposed amendment, as necessary based on consultation results
- SPA present final proposed amendment to SPC for endorsement (may not be required if no changes following Pre-Consultation and Public Consultation and if the SPC agreed that the SPA can move directly to the board for endorsement)
- SPA present final proposed amendment to local SPA Board for endorsement, as appropriate
- SPA present final proposed amendment to lead SPA Board for endorsement

- SPA electronically provides MECP with the following documents on a USB key in word and PDF formats. Each document must include 2 versions, one track changes and one clean version:
 - Cover letter confirming SPA supports the amendments (this is required from each SPA in the geographic region affected by the amendments. There is no specific method of endorsement for SPA Board but could be a cover letter or board council resolution) and should include:
 - Any comments about amendments
 - Summary of amendments
 - Outline of if policies have changed or not
 - Revised technical work and/or policies (changed doc and clean version)
 - Revised section of the explanatory document (changed doc and clean version)
 - Municipal council resolutions related to updated technical and policy amendments
 - Comments received during consultation
 - Summary of all consultation activities undertaken (methods/dates/locations, etc)
 - Sample notices and mailing lists from pre- and public consultations
 - Analysis of outstanding concerns

Step 7: Provision of Water

- Chair of SPC, Local and Lead SPAs will receive notification from the Ministry that amendments to the SGBLS Source Protection Plan have been approved
- SPA communicates with Municipality that the drinking water system owner can supply water to the public

Appendix C – Series of Class Environmental Assessment and Source Protection Planning Matrices

Table 1: Class Environmental Assessment and Source Protection Planning Matrix – New Supply Well

Category #	Municipal Supply Well Category	Class EA Schedule	Technical Work Required to Confirm Category	Technical Work for AR (modelling)	Changes to AR	Changes to Time of Travel	Notice Required	Content of Notice	Type of Amendment*	Clean Water Act Public Consultation Requirements	Comments
1a	Direct replacement well (same depth, same Capture Zone Delineation Rate, same property, no new threats)	A	No	No	Minor	No	yes	Satisfied that work is complete (existing WHPA provides protection for new well)	S.34,35,36	Formal 35-day public consultation period for AR and SPP	Only WHPA-A shift, amendment type dependent on magnitude of change to WHPAs. Work may not alter the vulnerable area scoring, affected properties and threats. In this situation the SPP amendment can be made at a later date, i.e. the system owner can provide water to the public before the updated plan is approved by the Province. The SPA notice would indicate that plan amendments are not necessary at this time.
1b	Direct replacement well (same depth, same Capture Zone Delineation Rate, different property, new threats)	A	No	No	Minor	No	yes	Satisfied that work is complete (existing WHPA doesn't provide protection and SPP will need to be updated)	S.34	Formal 35-day public consultation period for AR and SPP + property owner notification	WHPA-A shift and new threats delineation
2	Direct replacement well (same depth, decreased Capture Zone Delineation Rate, same property, no new threats)	A	No	yes	Minor	yes	yes	Satisfied that work is complete (existing WHPA provides protection for new well)	S.34,35,36	Formal 35-day public consultation period + property owner notification	Smaller WHPAs, amendment options (s.34/s.36) a matter of timing and priorities. Since changes are protected by existing WHPA, it may be decided that the system owner can provide water to the public before the updated plan is approved by the Province. The SPA notice would indicate that plan amendments are not necessary at this time.
3	Direct replacement well (same depth, increased Capture Zone Delineation Rate, same property, new threats)	A	No	yes	Minor/Major	yes	yes	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period + property owner notification	Larger WHPAs and new threats delineation
4a	New well, existing water supply system (back-up capacity), close proximity (same Capture Zone Delineation Rate, same property, no new threats)	A	No	No	Minor	No	yes	Satisfied that the work is complete (existing WHPA provides protection for new well)	S.34,35,36	Formal 35-day public consultation period for AR and SPP	Assumes backup well is same or less Capture Zone Delineation Rate and within defined WHPA, new WHPA-A added, type of amendment dependent on magnitude of change in WHPAs. Work may not alter the vulnerable area scoring, affected properties and threats. In this situation the SPP amendment can be made at a later date, i.e. the system owner can provide water to the public before the updated plan is approved by the Province. The SPA notice would indicate that plan amendments are not necessary at this time.
4b	New well, existing water supply system (back-up capacity), close proximity (same capture Zone Delineation Rate, different property, new threats)	A	No	No	Minor	No	yes	Satisfied that work is complete (existing WHPA doesn't provide protection and SPP will need to be updated)	S.34,	Formal 35-day public consultation period for AR and SPP + property owner notification	WHPA-A addition and update new threats
5	New well, existing water supply system, new location	B	No	yes	Major	yes	Yes (new)	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period for AR and SPP + property owner notification	New WHPAs
6	New well system at new location	C	No	yes	Major	yes	Yes (new)	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period for AR and SPP + property owner notification	

* S.34: Initiated by SPA, major revisions related to specific system, requires Minister approval
S.35: Top-down (ordered by the Minister), major revisions related to specific system/issue, required Minister approval
S.36: Top-down (ordered by the Minister), comprehensive review with major/minor revisions, required Minister approval
S.51: administrative, in-house, does not require Minister approval

Table 2: Class Environmental Assessment and Source Protection Planning Matrix – Existing Supply Well

Category #	Municipal Supply Well Category	Class EA Schedule	Technical Work Required to Confirm Category	Technical Work for AR (modelling)	Changes to AR	Changes to Time of Travel	Notice Required	Content of Notice	Type of Amendment*	Clean Water Act Public Consultation Requirements	Comments
7	Increase in capacity at existing well	B	No	yes	Minor	yes	yes	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period for AR and SPP + property owner notification	Larger WHPA
8	Installation of liner or casing in existing well (no substantial change where water coming from)	A	No	No	No	No	yes	Satisfied that work is complete (existing WHPA provides protection for new well)	N/A	No	
9	Installation of liner or casing in existing well (substantial change where water coming from)	A	yes	yes	Minor	yes	yes	Satisfied that work is complete (new technical work)	S.34,35,36	Formal 35-day public consultation period for AR and SPP + property owner notification	Amendment type dependent on magnitude of change to WHPAs Work may not alter the vulnerable area scoring, affected properties and threats. In this situation the SPP amendment can be made at a later date, i.e. the system owner can provide water to the public before the updated plan is approved by the Province. The SPA notice would indicate that plan amendments are not necessary at this time.
10	Deepening existing well (no substantial change where water coming from)	A/B	yes	No	No	No	yes	Satisfied that work is complete (existing WHPA provides protection for new well)	N/A	No	Assume same aquifer, no change in Capture Zone Delineation Rate
11	Deepening existing well (substantial change where water coming from)	A/B	yes	yes	Minor	yes	yes	Satisfied that work is complete (new technical work)	S.34,35,36	Formal 35-day public consultation period for AR and SPP + property owner notification	Amendment type dependent on magnitude of change to WHPAs Work may not alter the vulnerable area scoring, affected properties and threats. In this situation the SPP amendment can be made at a later date, i.e. the system owner can provide water to the public before the updated plan is approved by the Province. The SPA notice would indicate that plan amendments are not necessary at this time.
12	Addition of treatment system to supply wells	A/B	No	No	No	No	yes	Satisfied that work is complete (existing WHPA provides protection for new well)	N/A	No	
13	Well decommissioning	N/A	No	No	Minor	N/A	No	N/A	S.51	N/A	

Table 3: Class Environmental Assessment and Source Protection Planning Matrix – New and Existing Drinking Water Intake

Category #	Municipal Supply Well Category	Class EA Schedule	Technical Work Required to Confirm Category	Technical Work for AR (modelling)	Changes to AR	Changes to Time of Travel	Notice Required	Content of Notice	Type of Amendment*	Clean Water Act Public Consultation Requirements	Comments
14	New intake at new location (existing system)	B	No	Yes	Major	Yes (new)	Yes	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period + property owner notification	New IPZs
15	New intake at new location (new system)	C	No	Yes	Major	Yes (new)	Yes	Satisfied that work is complete (new technical work)	S.34	Formal 35-day public consultation period + property owner notification	New IPZs
16	Any infrastructure to current intake	A/B	yes	yes	No	no	Yes	Satisfied that work is complete (existing IPZ provides protection for intake)	N/A	No	

Appendix D – Checklist of files to be submitted to the SPA

System owner conducts technical work and provides a notice to the SPA of their intent of applying for a permit/license from the MECP. Technical work required, based on anticipated changes, is below.

NO CHANGES TO VULNERABLE AREAS DELINEATION OR SCORING – WHPA OR IPZ

- A professional opinion confirming that no changes to technical work is necessary. This opinion can be in the form of a written memo or letter and should include:
 - Written memo/letter on company letterhead
 - Stamp from a qualified professional
 - In the case of a new well this memo/letter should also include a map confirming that the addition of the new WHPA-A will not result in any new threats (i.e. the new WHPA-A is completely within the existing properties and does not incorporate new properties)

NEW TECHNICAL WORK – WHPAS

- A report submitted with a stamp from a qualified professional confirming the following details:
 - Description and map of wellhead protection areas and vulnerability scores,
 - Description of wells obtained from borehole information (depth, screen depth, geologic unit etc),
 - Pumping rates from Permit-To-Take-Water (maximum and average),
 - Description of groundwater model and assumptions (model inputs such as infiltration rates, model boundary conditions, etc.),
 - Mapping of groundwater vulnerability ratings (high, medium, low),
 - Description of how vulnerability scores were determined,
 - Description of the groundwater vulnerability ratings,
 - List and counts of existing prescribed significant threats (please identify number of threats removed or added if within an existing system) and number of parcels
 - Mailing list of properties with significant drinking water threats and type of threat
 - Uncertainty analysis for WHPAs should be completed for new systems and are optional for existing systems (i.e., can be updated based on discretion of municipality)
 - Make sure that we also get material necessary to identify areas where an activity or condition is or would be a significant/moderate/low drinking water threat. In some cases this may mean maps of percent impervious, percent managed lands, and livestock density
 - NOTE: for percent managed lands there are two methods for calculating (September 2009 and November 2009). If the newer November 2009 methodology is estimated to change the % managed lands scoring such that a commercial fertilizer, ASM or NASM would become a threat then the new method should be used. However, if there is no major difference between the methods then use whichever method is consistent with the exiting methodology within the Municipality. Also keep in mind that if there are existing WHPAs in the same system they should use the same methodology (i.e. if changing methodologies they would require being updated to the new methodology also).

NEW TECHNICAL WORK – IPZS

- A report submitted with a stamp from a qualified professional confirming the following details:
 - Description and map of intake protection area and vulnerability scores,
 - Description of watercourse,
 - Identification of storm sewers and ditches used for surface water delineations,
 - Flow statistics,
 - Information about the dye/droque studies including corresponding hydraulic studies and corresponding assumptions used to delineate IPZ-2,
 - Description of how vulnerability scores were determined, and
 - List and counts of existing prescribed threats (optional).

- Make sure that we also get material necessary to identify areas where an activity or condition is or would be a significant/moderate/low drinking water threat. In some cases this may mean maps of percent impervious, percent managed lands, and livestock density

NEW TECHNICAL WORK – SUPPORTING INFORMATION MANAGEMENT REQUIREMENTS

- Separate GIS shapefiles of the new well/intake, vulnerable areas and vulnerability scoring
- If applicable, the locations of:
 - Storm sewer(s) and ditch(es) used for intake protection zone delineations,
 - Transport Pathways
 - Make sure that we also get material necessary to identify areas where an activity or condition is or would be a significant/moderate/low drinking water threat. In some cases this may mean GIS shapefiles of percent impervious, percent managed lands, and livestock density

DRAFT

Appendix E – Example SPA Notice of Amendments to SPP

NOTICE OF AMENDMENTS TO SOURCE PROTECTION PLAN (pursuant to section 48(1.1)(b) of Ontario Regulation 287/07)

Existing or Planned Municipal Drinking Water System (System):

Name of Owner of Existing or Planned Municipal Drinking Water System (Owner):

Applicable Source Protection Area (Source Protection Area):

The [insert name of Source Protection Authority] is the Source Protection Authority for the Source Protection Area under the *Clean Water Act, 2006*.

The [insert name of Source Protection Authority] has received written notice from the Owner about an intended application under the *Safe Drinking Water Act, 2002* for an existing or planned System that is located within the Source Protection Area.

The [insert name of Source Protection Authority] is satisfied that the technical work required pursuant to subsection 48(1.1) of Ontario Regulation 287/07 under the *Clean Water Act, 2006* is completed for the purposes of identifying anticipated amendments to the source protection plan for the Source Protection Area.

The [insert name of Source Protection Authority] anticipates the amendments set out in Schedule A of this notice will be required as a result of the intended application. The list of anticipated amendments in Schedule A is provisional and will undergo consultations with stakeholders and the source protection committee. All amendments must be approved by the Ministry of the Environment, Conservation and Parks and are subject to change after this notice is issued. The timing for approval of the amendments by the Ministry of Environment, Conservation and Parks is not within the control of the Source Protection Authority. The Schedule A also indicates amendments that have been completed.

All actions by [insert name of Source Protection Authority] for the purposes of this notice are undertaken as the Source Protection Authority for the above noted Source Protection Area and are subject to the *Clean Water Act, 2006*. This notice does not exempt the Owner from obtaining the required licence or permit to operate the System under the *Safe Drinking Water Act, 2002*.

Issued by: _____

Date: _____

Appendix E - Folders and documents to submit to MECP on USB key

- 01_Revised technical work and plan
 - include both a clean version and a version illustrating changes since the last approval*
- 02_Revised explanatory document
 - include both a clean version and a version illustrating changes*
- 03_SPA cover letter and comments
- 04_Municipal council resolutions
- 05_Comments received during consultation
- 06_Unresolved municipal or FN concerns
- 07_Supporting documents
 - a_Sample early engagement letters (to persons engaged in significant drinking water threats, municipalities, or implementing bodies)
 - b_Sample notice municipal clerks
 - c_Sample notice pre-consultation
 - d_Sample internet posting
 - e_Sample newspaper notice updated AR and revised SPP
 - f_Sample persons engaged notice
 - g_Sample chiefs of bands notice
 - h_Sample letters to other persons or bodies
 - i_Notification dates and comment periods summary
 - j_Mailing lists
 - k_Public meeting information
 - l_Outstanding concerns analysis
- 08_Water quality and quantity vulnerability area mapping data

Ainley Correspondence with NVCA

From: [Reid Mitchell](#)
To: "Lee Bull"
Cc: "Ken Kaden"; [Mike Ainley](#); [Jody Marks](#)
Subject: RE: Collingwood WTP Class EA - File 119013
Date: Monday, November 25, 2019 9:43:11 AM

Thanks Lee. That works for us.

Reid Mitchell
Engineering Technologist



www.ainleygroup.com

Tel: (705) 445-3451 Ext. 135

Cell: (705) 444-4837

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From: Lee Bull [<mailto:lbull@nvca.on.ca>]
Sent: Friday, November 22, 2019 4:14 PM
To: 'Reid Mitchell'
Cc: Ken Kaden; ainley.m@ainleygroup.com; Jody Marks
Subject: RE: Collingwood WTP Class EA - File 119013

Hi Reid

We could host a meeting here at 11 am on the 4th of December. Please let me know if that works for the team on your end and I will send an outlook invitation.

Enjoy the weekend.

Sincerely,

Lee J. Bull, MCIP, RPP | Manager, Planning Services

Nottawasaga Valley Conservation Authority
8195 8th Line, Utopia, ON L0M 1T0
T 705-424-1479 ext. 231 | F 705-424-2115
lbull@nvca.on.ca | nvca.on.ca

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From: Reid Mitchell [<mailto:mitchell@ainleygroup.com>]
Sent: Thursday, November 21, 2019 9:59 AM
To: Lee Bull <lbull@nvca.on.ca>
Cc: Ken Kaden <kkaden@collingwood.ca>; ainley.m@ainleygroup.com; Jody Marks

<marks@ainleygroup.com>

Subject: Collingwood WTP Class EA - File 119013

Good morning Lee. Further to our telephone conversation of today, we are working with Collingwood to plan for an expansion of the Water Treatment Plant in the Town. Ken Kaden passed your email of Oct 24 on to us and we would like to meet to discuss a few points. NVCA comments and concerns will be addressed in the ESR but we simply want to clarify a few points. They are as follows:

- Get limit of "Shorelines Hazards" for property. O. Reg 172/06 – Permit Required for construction of building and placing fill. **Include note in ESR.** May not be able to construct outside of shoreline hazard area. **What are ramifications?**
- Consider low impact development measures for surface water runoff to Lake. Oil grease separator? **Add note to ESR**
- Water quality treatment – new roads – treatment train approach. **Is that swales/ditches with oil/grease separator and pipe to lake? Add note to ESR.**
- Control sedimentation/erosion during construction – **add to ESR**
- Identify Source Water Protection Authority (SPA) and consult with them (**is that the NVCA?**) **Can this meeting be considered as consultation?**
- Get Notice from SPA stating that "Technical work has been completed" – need for PTTW and for license. **Add Note to ESR.**
- Discuss PTTW renewal – current max taking of 68250 L/d (expires Jan 31, 2021). Town plans to expand to limit of current PTTW (Phase 1 demand of approximately 51,871 in year 2038) and then undertake a further capacity increase to a total max taking 101,000 L/d (Ultimate) New PTTW will be required for ultimate. Therefore, assuming Town gets a renewal of current taking in Jan 2021, there is no need for a new PTTW in the near future. **However, this will be noted in the ESR.**
- Discuss Steps 1 to 4 of Work Flow Diagram
- Is Category 16 (Table 3 of NVCA Appendix C) applicable?

We are available to meet on:

- Nov 25 am
- Nov 26 am
- Nov 27 am
- Dec 2 all day
- Dec 4 all day
-

Thanks in advance for your assistance.

Reid Mitchell
Engineering Technologist



www.ainleygroup.com
Tel: (705) 445-3451 Ext. 135
Cell: (705) 444-4837

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Responses Provided



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, Ontario L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail: collingwood@ainleygroup.com

September 19, 2019

File No. 119013

Kimberly Livingstone, Heritage Planner (A)
Ministry of Tourism, Culture and Sport
401 Bay Street 17th Floor, Suite 1700
Toronto, ON M7A 0A7
kimberly.livingstone@ontario.ca

Ref: **Town of Collingwood
Municipal Class Environmental Assessment Schedule 'C'
Raymond A. Barker Water Treatment Plant Expansion
Response to Comments Received from Notice of Study Commencement**

Dear Ms. Livingstone:

We are responding on behalf of the Town of Collingwood to your request for a copy of the Class Environmental Assessment (Class EA) Document previously completed for the plant expansion, filed September 2004. We respectfully wish to advise that the validity of the previous Class EA has expired and as such, the 2004 Document is no longer pertinent. We offer that you base your review of the Town's proposed Water Treatment Plant (WTP) project on the most recent Class EA documentation as it becomes available.

This project constitutes a Schedule "C" project in accordance with the Municipal Class Environmental Assessment guidelines. Consultation is an integral part of a Class EA, external agencies, Indigenous communities, and members of the public will have full access to all documentation that is produced under the Master Servicing Plan and Phase 3 and 4 of this Class EA. The updated Master Servicing Plan, once finalized, will be made available on the Town's website.

Should you have any further questions or concerns, please do not hesitate to contact the undersigned or Ken Kaden, Project Engineer, Environmental Services, Town of Collingwood at 705-445-1581 or via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley', is written over a light blue horizontal line.

Mike Ainley, P. Eng., PMP
Project Manager
Phone: 705-445-3451
ainley.m@ainleygroup.com



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, Ontario L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail: collingwood@ainleygroup.com

September 19, 2019

File No. 119013

Juanita Meekins
Executive Assistant of Resources and Infrastructure
Saugeen Ojibway Nation Environment Office
25 Maadokii Subdivision Neyaashiinigmiing, Ontario N0H 2T0
Office: (519) 534-5507 | Fax: (519) 534-5525
juanita.meekins@saugeenojibwaynation.ca

Ref: **Town of Collingwood
Municipal Class Environmental Assessment Schedule 'C'
Raymond A. Barker Water Treatment Plant Expansion
Response to Comments Received from Notice of Study Commencement**

Dear Ms. Meekins:

We are responding on behalf of the Town of Collingwood to your request for a copy of the Environmental Study Report previously completed for the plant expansion Class Environmental Assessment (Class EA), filed September 2004. We respectfully wish to advise that the validity of the previous Class EA has expired and as such, the 2004 Report is no longer pertinent. We offer that you base your review of the Town's proposed Water Treatment Plant (WTP) project on the most recent Class EA documentation as it becomes available.

This project constitutes a Schedule "C" project in accordance with the Municipal Class Environmental Assessment Document (October 2000, as amended in 2015). Consultation is an integral part of a Class EA, external agencies, Indigenous communities, and members of the public will have full access to all documentation that is produced under the Master Servicing Plan and Phase 3 and 4 of this Class EA. As the Class EA progresses through the process, the scope will be further defined and timelines identified.

Should you have any further questions or concerns, please do not hesitate to contact the undersigned or Ken Kaden, Project Engineer, Environmental Services, Town of Collingwood at 705-445-1581 or via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley', written over a white background.

Mike Ainley, P. Eng., PMP
Project Manager
Phone: 705-445-3451
ainley.m@ainleygroup.com

From: [Juanita Meekins](#)
To: [Jody Marks](#)
Subject: Re: Town of Collingwood Class Environmental Assessment Water Treatment Plant Expansion
Date: Thursday, September 19, 2019 2:19:46 PM
Attachments: [image001.jpg](#)

Good afternoon Jody,

Thank you for your email I look forward to reviewing the EA once it is available.

Regards,

On Thu, Sep 19, 2019 at 2:14 PM Jody Marks <marks@ainleygroup.com> wrote:

Hello Ms. Meekins,

Thank you for your email following the Notice of Commencement for the Town of Collingwood Class Environmental Assessment – Raymond A. Barker Water Treatment Plant Expansion. Please find attached a response to your comments.

Best Regards,

Jody Marks

Environmental Planning Assistant



www.ainleygroup.com

Tel: (705) 726-3371 Ext. 227

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--

Juanita Meekins Executive Assistant of Resources and Infrastructure
Saugeen Ojibway Nation Environment Office

25 Maadokii Subdivision Neyaashiinigiing, Ontario N0H 2T0
Cell: (519) 379-0558 | Office: (519) 534-5507 | Fax: (519) 534-5525

Appendix I

PHASE 3 PUBLIC CONSULTATION

- **March 12, 2020 Notice of PIC**
- **March 9, 2020 Mail Out of Notice of PIC to Adjacent Residents, Review Agencies and Indigenous Communities and Agencies**
- **March 19, 2020 Notice of Postponement of PIC**
- **March 16, 2020 Mail Out of Notice of Postponement of PIC to Adjacent Residents, Review Agencies and Indigenous Communities and Agencies**
- **April 23 & 30, 2020 Notice of Virtual PIC**
- **April 20 & 23, 2020 Mail Out of Notice of Virtual PIC to Adjacent Residents, Review Agencies and Indigenous Communities and Agencies**
- **Agency Mailing List**
- **April 24 – June 1 PIC Presentation Provided Online on the Engage Collingwood Platform**
- **List of Attendees (Registrants)**
- **March 17, 2020 Meeting Notes of meeting with New Tecumsesth**
- **Table 8 – Summary of Comments and Responses**
- **Comments Received and Associated Responses from PIC**
- **June 12, 2020 Meeting Notes of Meeting with Saugeen Ojibway Nation**



Town of Collingwood
Schedule 'C' Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
NOTICE OF PUBLIC INFORMATION CENTRE

Public Information Centre

A Public Information Centre (PIC) has been scheduled to provide an opportunity for all interested parties to review the alternatives developed for the WTP expansion and to discuss the project with the study team. The PIC has been scheduled as follows:

Date: Tuesday March 24, 2020
Time: 4:00pm – 8:00pm
Location: Collingwood Library, Community Rooms B & C
55 Ste. Marie St, Collingwood, ON L9Y 0W6

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.



The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented at the PIC will be received until **April 7, 2020**. If you are unable to attend the PIC, presentation material will be available on the Town of Collingwood's website at www.collingwood.ca as of March 24, 2020. To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.
Project Engineer, Environmental Services
Town of Collingwood
43 Stewart Road
Collingwood, ON L9Y 4M7
Tel: (705) 445-1581
Fax: (705) 445-0791
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
Ainley Group
280 Pretty River Parkway
Collingwood, ON L9Y 4J5
Tel. (705) 445-3451
Fax: (705) 445-0968
ainley.m@ainleygroup.com

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

This notice was issued on March 9, 2020.

Town of Collingwood Weekly Town Page



Thursday, March 12, 2020

Notice of Public Information Centre



Town of Collingwood
Schedule 'C' Class Environmental Assessment
Raymond A. Barker Water Treatment Plant
Expansion
NOTICE OF PUBLIC INFORMATION CENTRE

Public Information Centre

A Public Information Centre (PIC) has been scheduled to provide an opportunity for all interested parties to review the alternatives developed for the WTP expansion and to discuss the project with the study team. The PIC has been scheduled as follows:

Date: Tuesday March 24, 2020
Time: 4:00pm – 8:00pm
Location: Collingwood Library, Community Rooms B & C
55 Ste. Marie St, Collingwood,
ON L9Y 0W6

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity),

this project constitutes a Schedule "C" project in accordance with the MCEA document.

The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity



of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements.

Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented at the PIC will be received until **April 7, 2020**. If you are unable to attend the PIC, presentation material will be available on the Town of Collingwood's website at www.collingwood.ca as of March 24, 2020. To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.

Project Engineer, Environmental Services
Town of Collingwood
43 Stewart Road
Collingwood, ON L9Y 4M7
Tel: (705) 445-1581
Fax: (705) 445-0791
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager

Ainley Group
280 Pretty River Parkway
Collingwood, ON L9Y 4J5
Tel. (705) 445-3451
Fax: (705) 445-0968
ainley.m@ainleygroup.com

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

This notice was issued on March 9, 2020.



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705-445-1030

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Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

March 9, 2020

File No. 119013

Re: **Town of Collingwood**
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Public Information Centre

Dear Sir and/or Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant (WTP). The Town has scheduled an upcoming Public Information Centre (PIC) to provide an opportunity for interested parties to review the alternatives developed for the WTP expansion. Please refer to the attached Notice of PIC for further details.

Should you have any questions or concerns, please contact the undersigned or Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood at 705-445-1581 or via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

Mike Ainley, P. Eng., PMP
Project Manager
Phone: 705-445-3451
ainley.m@ainleygroup.com

Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, March 19, 2020

Notices

Raymond A. Barker Water Treatment Plant Expansion Public Information Centre Postponed Until Further Notice

The Public Information Centre (PIC) to review the alternatives developed for the WTP expansion originally scheduled for Tuesday, March 24, 2020 has been postponed until further notice.

Once a new date and location have been determined, the public will be notified in accordance with the Town's Public Notice by-law.

For questions, please contact:

Ken Kaden, P. Eng. Project Engineer, Environmental Services Town of Collingwood 43 Stewart Road Collingwood, ON L9Y 4M7 Tel: (705) 445-1581 Fax: (705) 445-0791 kkaden@collingwood.ca	Mike Ainley, P. Eng., PMP Project Manager Ainley Group 280 Pretty River Parkway Collingwood, ON L9Y 4J5 Tel. (705) 445-3451 Fax: (705) 445-0968 ainley.m@ainleygroup.com
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We are Happy to Assist You Online & Over the Phone

Please take notice that the Town Hall facility and all in-person Customer Service Desks are now closed until further notice. The Town will continue to offer services online and over the phone.

The Town's critical and essential services, including fire services, drinking water & wastewater treatment, snow clearing, enforcement of priority bylaws, and essential customer services will continue.

This temporary closure is part of the Town of Collingwood's proactive efforts to help get ahead of COVID-19 and to protect Residents and Staff.

We are happy to assist you online and over the phone.

- **Call: 705-445-1030**
- **Email: townhall@collingwood.ca**
- **Visit: www.collingwood.ca**
- **Drop Box: Drop Payments, Forms, or any questions off at the Town Hall Drop Box located at the front door. Please include your Contact Info.**

Updates about Town Services will be available on the Town Website, and the Town Twitter & Facebook channels, as well as local News channels. The Town will continue to provide timely updates to residents.



Your Feedback is Important!

Economic Development Action Plan

The community is invited to join the conversation online at Engage Collingwood.

The Town of Collingwood is developing its next 5 year Economic Development Action Plan, which is part of the broader Community-based Strategic Plan (CBSP).

Business leaders and other community members, including families, are encouraged to visit Engage Collingwood to learn more about the proposed Economic Development Action Plan. Online feedback is open until April 6.

Learn more about the Economic Development Action Plan at <https://engage.collingwood.ca/economic-development-action-plan>

Surplus Items

The Town of Collingwood is providing notice regarding the

Sale of Surplus Items and Equipment

These items include:

- 2010 Chemguard Defender Series Dual Tote Foam Trailer
- 2013 Olympia Battery Powered Arena Ice Edger D
- 2013 Olympia Battery Powered Arena Ice Edger D
- Five (5) Juniper EX2200-48P-4G Network Switches-Lot 1
- Five (5) Juniper EX2200-48P-4G Network Switches-Lot 2
- Five (5) Juniper EX2200-48P-4G Network Switches-Lot 3

More information on these items may be found by visiting www.govdeals.ca/collingwood

These items are sold "as is" "where is" and the suitability for the intended purpose may not be guaranteed.

For more information on this process contact:

Dave McNalty
Fleet and Facility Manager
(705) 445-1292 ext. 4208
dmcnalty@collingwood.ca



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705-445-1030

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Email us at: townhall@collingwood.ca





Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 ▪ Fax: (705) 445-0968
E-mail
collingwood@ainleygroup.com

March 16, 2020

File No. 119013

Re: **Town of Collingwood
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Public Information Centre - Postponed**

Dear Sir and/or Madam:

This letter is a follow-up to the previous Notice of Public Information Centre (PIC) that was mailed to you on March 9, 2020.

Due to the current circumstances of COVID-19 safety protocols, the Public Information Centre has been postponed. A letter indicating the rescheduled date of the PIC will be sent to you upon confirmation.

Should you have any questions or concerns, please contact the undersigned or Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood at 705-445-1581 or via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley'.

Mike Ainley, P. Eng., PMP
Project Manager
Phone: 705-445-3451
ainley.m@ainleygroup.com



Town of Collingwood
Schedule 'C' Class Environmental Assessment Raymond A. Barker
Water Treatment Plant Expansion
NOTICE OF PUBLIC INFORMATION CENTRE

Public Information Centre

The Public Information Centre (PIC) previously scheduled for March 24 2020, will now be held through digital engagement. This project is important to our Community and we want to keep moving forward. Our current community restrictions do not affect our ability to engage you, the stakeholder, and work on the project can continue through businesses that are providing services remotely. We hope the Community takes this opportunity to review the work completed on this critical piece of community infrastructure. The PIC presentation and engagement material can be accessed using the Engage Collingwood Platform at engage.collingwood.ca starting on **April, 24, 2020**. Through this platform, interested parties will be prompted to register using the survey tool. Once registered the PIC presentation can be viewed followed by a comment page. The digital PIC has been created to provide an opportunity for all interested parties to review the alternatives developed for the Water Treatment Plant expansion and discuss the project with the study team.

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.



The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented will be received until **June 1, 2020**. To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.
Project Coordinator, Environmental Services
Town of Collingwood
Tel: (705) 445-1581
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
Ainley Group
Tel. (705) 445-3451
ainley.m@ainleygroup.com

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

This notice was issued on April 23, 2020.

Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, April 23, 2020

Notice

Town of Collingwood
Schedule 'C' Class Environmental Assessment Raymond A. Barker
Water Treatment Plant Expansion
NOTICE OF PUBLIC INFORMATION CENTRE

Public Information Centre

The Public Information Centre (PIC) previously scheduled for March 24 2020, will now be held through digital engagement. The PIC presentation and engagement material can be accessed using the Engage Collingwood Platform at

<https://engage.collingwood.ca/> starting on **April 30, 2020.**

Through this platform, interested parties will be prompted to register using the survey tool. Once registered the PIC presentation can be viewed followed by a comment page. The digital PIC has been created to provide an opportunity for all interested parties to review the alternatives developed for the Water Treatment Plant expansion and discuss the project with the study team.



Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope

(increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.

The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented will be received until **Monday, June 1st, 2020.** To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.
Project Engineer,
Environmental Services
 Town of Collingwood
 43 Stewart Road
 Collingwood, ON L9Y 4M7
 Tel: (705) 445-1581
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
 Ainley Group
 280 Pretty River Parkway
 Collingwood, ON L9Y 4J5
 Tel. (705) 445-3451
ainley.m@ainleygroup.com

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Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, April 30, 2020

Notice

Town of Collingwood
Schedule 'C' Class Environmental Assessment Raymond A. Barker
Water Treatment Plant Expansion
NOTICE OF PUBLIC INFORMATION CENTRE

Public Information Centre

The Public Information Centre (PIC) previously scheduled for March 24 2020, will now be held through digital engagement. The PIC presentation and engagement material can be accessed using the Engage Collingwood Platform at

<https://engage.collingwood.ca/> starting on **April 30, 2020.**

Through this platform, interested parties will be prompted to register using the survey tool. Once registered the PIC presentation can be viewed followed by a comment page. The digital PIC has been created to provide an opportunity for all interested parties to review the alternatives developed for the Water Treatment Plant expansion and discuss the project with the study team.



Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope

(increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.

The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented will be received until **Monday, June 1st, 2020.** To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.
Project Engineer,
Environmental Services
 Town of Collingwood
 43 Stewart Road
 Collingwood, ON L9Y 4M7
 Tel: (705) 445-1581
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
 Ainley Group
 280 Pretty River Parkway
 Collingwood, ON L9Y 4J5
 Tel. (705) 445-3451
ainley.m@ainleygroup.com

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



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Photo Credit
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Town of Collingwood Weekly Town Page



Thursday, May 28, 2020

Notice

Town of Collingwood Schedule 'C' Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion **NOTICE OF PUBLIC INFORMATION CENTRE**

Public Information Centre

The Public Information Centre (PIC) previously scheduled for March 24 2020, will now be held through digital engagement. The PIC presentation and engagement material can be accessed using the Engage Collingwood Platform at <https://engage.collingwood.ca/> starting on **April, 24, 2020**. Through this platform, interested parties will be prompted to register using the survey tool. Once registered the PIC presentation can be viewed followed by a comment page. The digital PIC has been created to provide an opportunity for all interested parties to review the alternatives developed for the Water Treatment Plant expansion and discuss the project with the study team.

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.

The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.



Intended Project Scope (Recommended Solution)

Based on an assessment of Options, the Recommended Solution is to repurpose the existing membrane building, construct a new membrane building, proceed with UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. It is suggested that the expansion in the capacity of the plant be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Comments

Public engagement and input is an integral part of the Class EA process. Comments on the information presented will be received until **Monday, June 1st, 2020**. To obtain additional information or to provide input, please contact either of the following members of the study team:

Ken Kaden, P. Eng.

Project Coordinator, Environmental Services

Town of Collingwood
43 Stewart Road
Collingwood, ON L9Y 4M7
Tel: (705) 445-1581
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP Project Manager

Ainley Group
280 Pretty River Parkway
Collingwood, ON L9Y 4J5
Tel. (705) 445-3451
ainley.m@ainleygroup.com

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280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

April 20, 2020

File No. 119013

Re: **Town of Collingwood**
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Public Information Centre

Dear Sir or/and Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant (WTP). The Town has created a digital platform for conducting a Public Information Centre (PIC) to provide an opportunity for interested parties to review the alternatives developed for the WTP expansion. Please refer to the attached Notice of PIC for further details.

Should you have any questions or concerns, please contact the undersigned or Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

Mike Ainley, P. Eng., PMP
Project Manager
ainley.m@ainleygroup.com

**Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Provincial & Federal Agencies										
Mr.	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@canada.ca
Ms.	Chunmei	Liu	Environmental Resource Planner & EA Coordinator - Air, Pesticides and Environmental Planner (<i>Barrie, Orillia & County of Simcoe</i>)	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
Hon.	Jeff	Yurek	Minister	Ministry of the Environment, Conservation and Parks	77 Wellesley Street West	11th Floor	Toronto, ON	M7A 2T5		minister.mecp@ontario.ca
			Director, Environmental Assessment and Permissions Branch	Ministry of the Environment, Conservation and Parks	135 St. Clair Avenue West	1st Floor	Toronto, ON	M4V 1P5		moeccpermissions@ontario.ca
Mr.	Dan	Thompson	Acting - District Manager	Midhurst District Ministry of Natural Resources and Forestry	2284 Nursery Road		Midhurst, ON	L0L 1N8	705-725-7561	dan.l.thompson@ontario.ca
Ms.	Karla	Barboza	Team Lead, Heritage	Ministry of Tourism, Culture & Sport	401 Bay Street	Suite 1700	Toronto, ON	M7A 0A7	416-314-7120	karla.barboza@ontario.ca
Ms.	Kimberly	Livingstone		Ministry of Tourism, Culture & Sport	402 Bay Street	Suite 1701	Toronto, ON	M7A 0A8		Kimberly.Livingstone@ontario.ca
Ms.	Annelies	Eckert	Rural Planner	Ontario Ministry of Agriculture, Food and Rural Affairs	6484 Wellington Rd. 7	Unit 10	Elora, ON	N0B 1S0	519-827-6040	Anneleis.eckert@ontario.ca
Mr.	Peter	Dorton	Senior Project Manager	Ministry of Transportation, Corridor Management Section	159 Sir William Hearst Avenue	Bldg. D, 7th Floor	Toronto, ON	M3M 0B7	416-235-4280	peter.dorton@ontario.ca
Mr.	Michael	Lindsay	Manager Major Projects, Roads & Transit	Infrastructure Ontario	777 Bay Street	6th Floor, Suite 602	Toronto, ON	M5G 2C8	416-327-8037	michael.lindsay@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
			Fish Habitat Biologist	Department of Fisheries and Ocean	867 Lakeshore Road		Burlington, ON	L7S 1A1	905-336-4999	info@dfo-mpo.gc.ca
Ms.	Karen	Lorente		Ontario Clean Water Agency	30 Woodland Drive		Wasaga Beach, ON	L9Z 2V4		
Local Government, Adjacent Municipalities & Other Agencies										
Mr.	Christian	Meile	Director, Transportation Construction & Maintenance	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	christian.meile@simcoe.ca
Mr.	Dave	Parks	Director, Planning, Development & Tourism	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	dave.parks@simcoe.ca
Ms.	Cathy	Clark	Manager of Emergency Planning	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		cathy.clark@simcoe.ca
Mr.	Mark	Aitken	CAO	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		mark.aitken@simcoe.ca
Mr.	Allan	Greenwood	Director, Corporate Communications	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		allan.greenwood@simcoe.ca
Ms.	MaryAnn	Hunt	Planner III, Planning Department	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		maryann.hunt@simcoe.ca
Mr.	Fareed	Amin	CAO	Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	cao@collingwood.ca
Mr.	Adam	Farr	Director, Planning Services	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	afarr@collingwood.ca
Mr.	Dean	Collver	Director, Parks, Recreation & Culture	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	dcollver@collingwood.ca
Mr.	Chris	Hibberd	Director, Watershed Management Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0	705-424-1479	c.hibberd@nvca.on.ca

**Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Ms.	Lee	Bull	Manager, Planning Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0		lbull@nvca.on.ca
Mr.	Steve	Sage	CAO	Township of Clearview	217 Gideon Street	Box 200	Stayner, ON	L0M 1S0	705-428-6230 ext. 228	ssage@clearview.ca
Mr.	Shawn	Everitt	CAO	Town of the Blue Mountains	32 Mill Street	P.O. Box 310	Thornbury, ON	N0H 2P0	519-599-3131 ext. 234	tspeck@thebluemountains.ca
Mr.	George	Vadeboncoeur	CAO	Town of Wasaga Beach	30 Lewis Street		Wasaga Beach, ON	L9Z 1A1		
Ms.	Colleen	Healey-Dowdall	CAO	Township of Essa	5786 County Road 12		Utopia, ON	L0M 1T0		
Mr.	Blaine	Parkin	CAO	Town of New Tecumseth	10 Wellington Street East		Alliston, ON	L9R 1A1	705-435-3900	
Mr.	Jason	Reynar	CAO	Town of Innisfil	2101 Innisfil Beach Road		Innisfil, ON	L9S 1A1	705-436-3740 Ext. 1202	kshea@innisfil.ca
Mr.	Geoff	McKnight	CAO	Town of Bradford West Gwillimbury	100 Dissette Street	Unit 7&8, P.O. Box 100	Bradford, ON	L3Z 2A7	905-775-5366 ext. 1201	gmcknight@townofbwg.com
Ms.	Barb	Fox	Planning Officer	Simcoe Muskoka Catholic District School Board	46 Alliance Blvd.		Barrie, ON	L4M 5K3	705-722-3559 ext. 250	
Ms.	Holly	Spacek	Planning Officer	Simcoe County District School Board	1170 Highway 26		Midhurst, ON	L9X 1N6	705-728-7570 ext. 11311	
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.	Earl	Elliott	President	Simcoe County Historical Association		P.O. Box 144	Barrie, ON	L4M 4S9	705-796-7649	earl.elliott@rogers.com
Ms.	Bonnie	Branch	Transportation Coordinator	Simcoe County Student Transportation Consortium	64 Cedar Pointe Drive	Unit 1403	Barrie, ON	L4N 5R7	705-733-8965, ext. 107	transportation@scstc.ca
Ms.	Sara	Almas	Clerk	Accessibility Advisory Committee Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	salmas@collingwood.ca
				Simcoe Muskoka District Health Unit	280 Pretty River Parkway		Collingwood, ON	L9Y 4J5	705-445-6498	
Mr.	George	Powell		Blue Mountain Watershed Trust Foundation		P.O. Box 605	Collingwood, ON	L9Y 4E8		
Emergency Services										
Mr.	JC	Gilbert	Deputy Chief Operations	County of Simcoe Paramedic Services	1110 Highway 26		Midhurst, ON	L9X 1N6	705-726-9300	jc.gilbert@simcoe.ca
Mr.	Ross	Parr	Fire Chief	Town of Collingwood Fire Department	45 High Street		Collingwood, ON	L9Y 4V4	705-445-3920 ext. 7502	rparr@collingwood.ca
Mr.	Colin	Shewell	Fire Chief	Township of Clearview Fire Department	217 Gideon Street		Stayner, ON	L0M 1S0	705-428-6230 ext. 403	cshewell@clearview.ca
Ms.	Mary	Shannon	Inspector	Ontario Provincial Police Collingwood and the Blue Mountains	201 Ontario Street		Collingwood, ON	L9Y 4M4	705-445-4321	mary.shannon@opp.ca
Ms.	Paula	Brown	Operational Policy & Strategic Planning	Ontario Provincial Police	777 Memorial Ave., 2nd Floor		Orillia, ON	L3V 7V3		
Member of Parliament										
Mr.	Jim	Wilson	Member of Provincial Parliament	Collingwood Constituency Office	50 Hume Street		Collingwood, ON	L9Y 1V2	1-800-268-7542	
Ms.	Kellie	Leitch	Member of Parliament - Simcoe-Grey	Collingwood Constituency Office	50 Hume Street	#4	Collingwood, ON	L9Y 4H8	705-445-5557	kellie.leitch@parl.gc.ca
Interest Groups										
Ms.	Trish	Irwin	GM/CEO	Collingwood Chamber of Commerce	115 Hurontario Street	Suite 102	Collingwood, ON	L9Y 2L9	705-445-0221	tirwin@collingwoodchamber.com
Ms.	Kandas	Bondarchuk	Planner - Technician	Collingwood Heritage Committee	55 Ste. Marie Street	Unit 302	Collingwood, ON	L9Y 0W6	705-445-1290 ext. 3275	kbondarchuk@collingwood.ca
Mr.	Jamie	Forsythe		Blue Mountain & Collingwood Snowdrifters Snowmobile Club	453 Oak Street		Collingwood, ON	L9Y 4N1	705-446-1848 705-606-1453	bluemountainsnowdrifters@gmail.com
Mr.	Ben	McNabb		Collingwood Cycling Club	47 Sherwood Street		Collingwood, ON	L9Y0C5		info@collingwoodcyclingclub.ca
Mr.	Murray	Knowles		Black Ash Trail Committee	32 Westwind Drive		Collingwood, ON	L9Y 5J1		knowles.murray@gmail.com
Aboriginal Consultation										
Att: Consultation Unit				Ministry of Indigenous Affairs	160 Bloor St. East	4th Floor	Toronto, ON	M7A 2E6	416-326-4740	

**Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
(CIRNAC (formerly INAC) <u>not</u> contacted for this project as project is not on Aboriginal lands)				Crown-Indigenous Relations and Northern Affairs Canada (formerly Indigenous & Northern Affairs Canada Consultation Unit)	25 St. Clair Avenue East	8th Floor	Toronto, ON	M4T 1M2	1-800-567-9604	
Mr.	Doran	Ritchie	Infrastructure and Resource Manager	Saugeen Ojibway Nation Environment Office	25 Maadookii Subdivision		Neyaashiinigiing, ON	N0H 2T0	519-534-5507	d.ritchie@saugeenojibwaynation.ca & cc executive assistant Juanita Meekins juanita.meekins@saugeenojibwaynation.ca
First Nation Communities (as per MECP letter dated October 24, 2019)										
Chief	Guy	Monague		Beausoleil First Nation	General Delivery		Cedar Point, ON	L0K 1C0	705-247-2051	bfchief@chimnissing.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
Chief	Greg	Nadjiwon		Chippewas of Nawash First Nation	135 Lakeshore Blvd.		Neyaashiinigiing, ON	N0H 2T0	519-534-1689	cnadministrator@nawash.ca
	Sharday	James	Community Consultation Worker, Communications	Chippewas of Rama First Nation	5884-Rama Road	Suite 200	Rama, ON	L3V 6H6	705-325-3611	shardayj@ramafirstnation.ca
Chief	Lester	Anoquot		Chippewas of Saugeen First Nation	6493 Highway 21	R.R.#1	Southampton, ON	N0H 2L0	519-797-2781	sfn@saugeen.org
		Family Chief	Grand Chef Konrad H. Sioui	Nation Huronne-Wendat	255 Place Michel Laveau		Wendake, QC	G0A 4V0		
President	Margaret	Froh		Métis Nation of Ontario	66 Slater Street	Suite 1100	Ottawa, ON	K1P 5H1		
Mr.	Greg	Garratt	President	Georgian Bay Métis Council	355 Cranston Crescent	P.O. Box 4	Midland, ON	L4R 4K6		greggarratt63@gmail.com
Utilities										
Mr.	Ted	Burrell		EPCOR	43 Stewart Road		Collingwood, ON	L9Y 4M7	705-443-1868	tburrell@epcor.com
Ms.	Carol	O'Brien		Bell Canada	136 Bayfield Street	2nd Floor	Barrie, ON	L4M 3B1	705-722-2405	carol.obrien@bell.ca
Mr.	Tony	Dominguez		Rogers	1 Sperling Drive		Barrie, ON	L4N 6B8	705-737-4660 xt 6907	tony.dominguez@rci.rogers.com
Mr.	Tom	Jedemann		Enbridge Gas	101 Honda Blvd		Markham, ON	L6C 0M6	905-927-3184	tom.jedemann@enbridge.com
				Enbridge Gas						municipalnotices@enbridge.com
Land Use Planning										
				Plan Well Associates	40 Connor Avenue		Collingwood, ON	L9Y 5K6	705-444-5812	[REDACTED]
				Georgian Planning Solutions					705-446-0530	[REDACTED]
				R. J. Burnside and Associates Limited	3 Ronell Crescent		Collingwood, ON	L9Y 4J6		[REDACTED]
				C.C. Tatham & Associates Ltd.	115 Sandford Fleming Drive	Suite 200	Collingwood, ON	L9Y 5A6	705-444-2565	[REDACTED]
Attn:	Manager			Greenland	120 Hume Street		Collingwood, ON	L9Y 1V5	705-444-5482	[REDACTED]
				C.F. Crozier & Associates Consulting Engineers	40 Huron Street	Suite 301	Collingwood, ON	L9Y 4R3	705.446.3510	[REDACTED]
				Travis and Associates	275 First Street	Unit 7	Collingwood, ON	L9Y 1A8	705-446-9917	[REDACTED]
				Loft Planning Inc.	308 Hurontario Street		Collingwood, ON	L9Y 2M4	705-446-1168	[REDACTED]

Public Information Centre Presentation Material

Town of Collingwood, Raymond A. Barker Water Treatment Plant Expansion
Schedule 'C' Municipal Class Environmental Assessment



Public Information Centre – April 30, 2020



COMMENT SHEET



Please print all responses. Use back of page if necessary.

Please submit this Comment Sheet by **June 1st, 2020** to either:

Ken Kaden, P. Eng.
Project Engineer, Environmental Services
Town of Collingwood
Tel: (705) 445-1581
kkaden@collingwood.ca

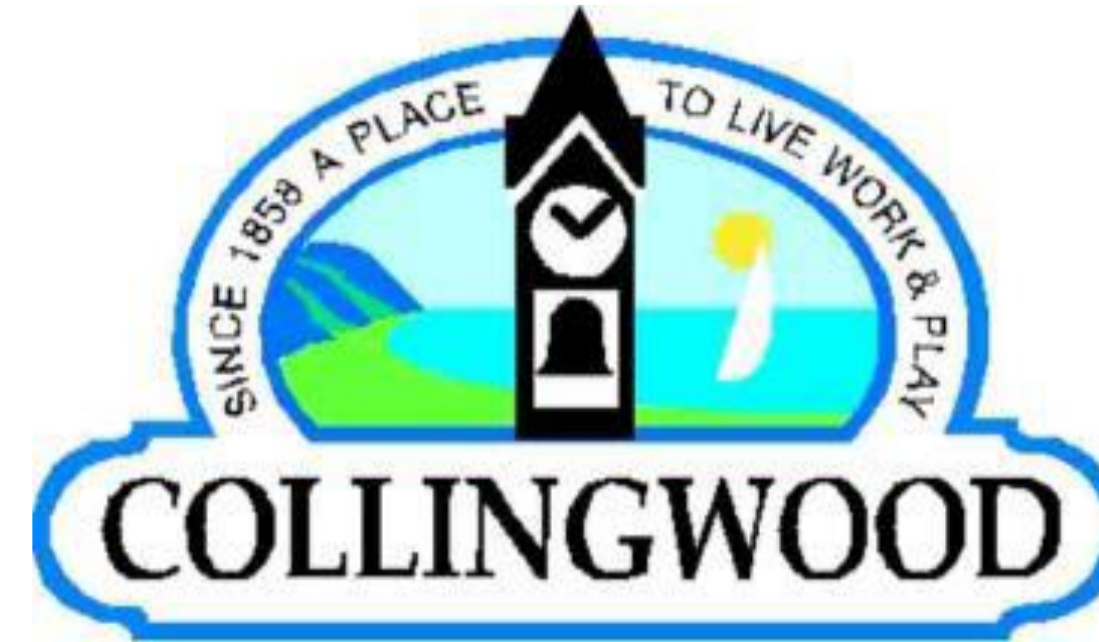
Mike Ainley, P. Eng., PMP
Project Manager
Ainley Group
Tel: 705-444-4466
ainley.m@ainleygroup.com

Name

Mailing Address

Telephone #

E-mail Address



TOWN OF COLLINGWOOD

Raymond A. Barker Water Treatment Plant Expansion Schedule 'C' Class Environmental Assessment

PUBLIC INFORMATION CENTRE (PIC)

Posted: Friday April 24, 2020



WELCOME

This public information centre will present information on the project background, the Municipal Class Environmental Assessment process, alternative designs under consideration, evaluation of proposed alternatives, and the next steps in the planning process.

- A downloadable copy of the PIC material is available on this website.
- Following this presentation we invite you to provide any comments by completing and submitting the on-line Additional Comment Sheet.

Your Input is Appreciated!

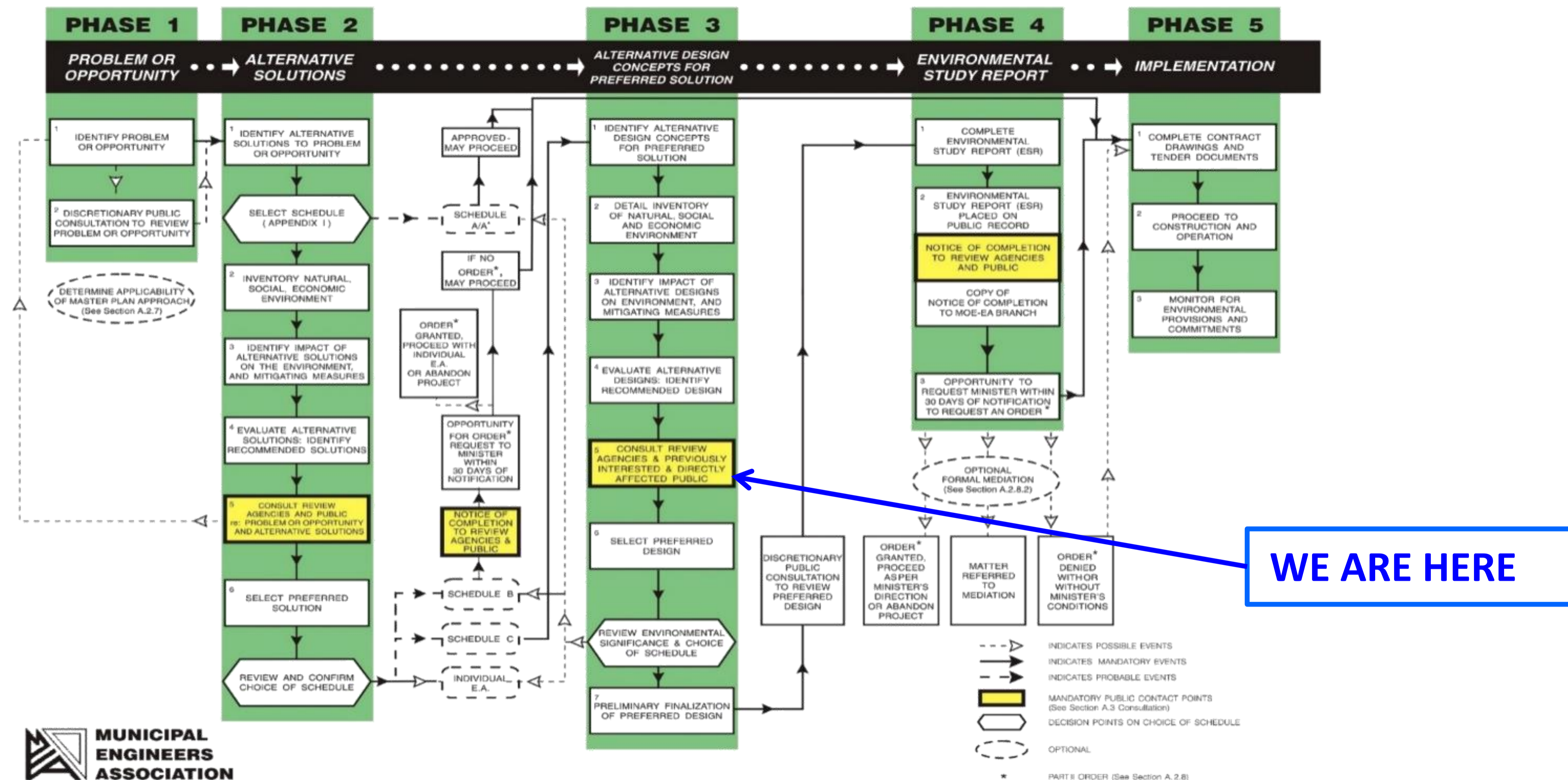
MUNICIPAL FREEDOM OF INFORMATION & PROTECTION OF PRIVACY ACT

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

BACKGROUND INFORMATION

- Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing (filed December 2019), the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity.
- The MSP followed Approach No.1 under the Municipal Class Environmental Assessment (MCEA) process and involved the preparation of a Master Plan document.
- The Town held a Public Information Centre (PIC) in March 2019, which identified the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities (New Tecumseth, Township of Clearview, and Town of the Blue Mountains).
- The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class Environmental Assessment (Class EA) in accordance with the MCEA document (Oct. 2000, as amended 2007, 2011 & 2015).

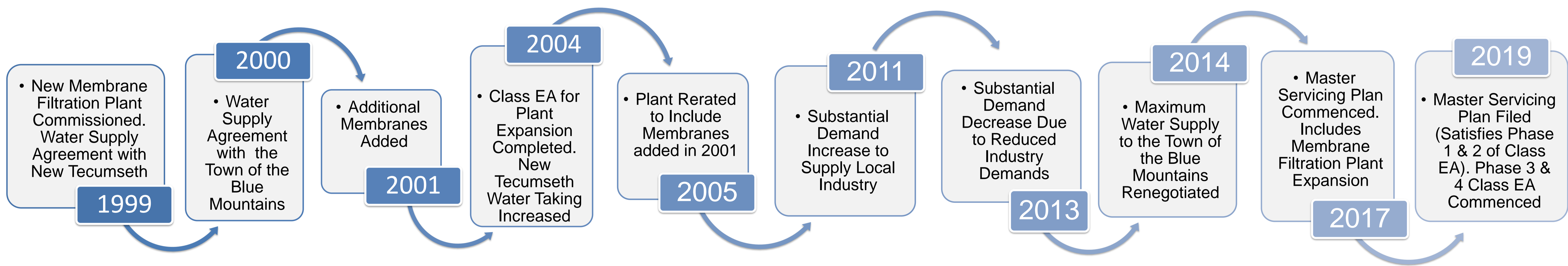
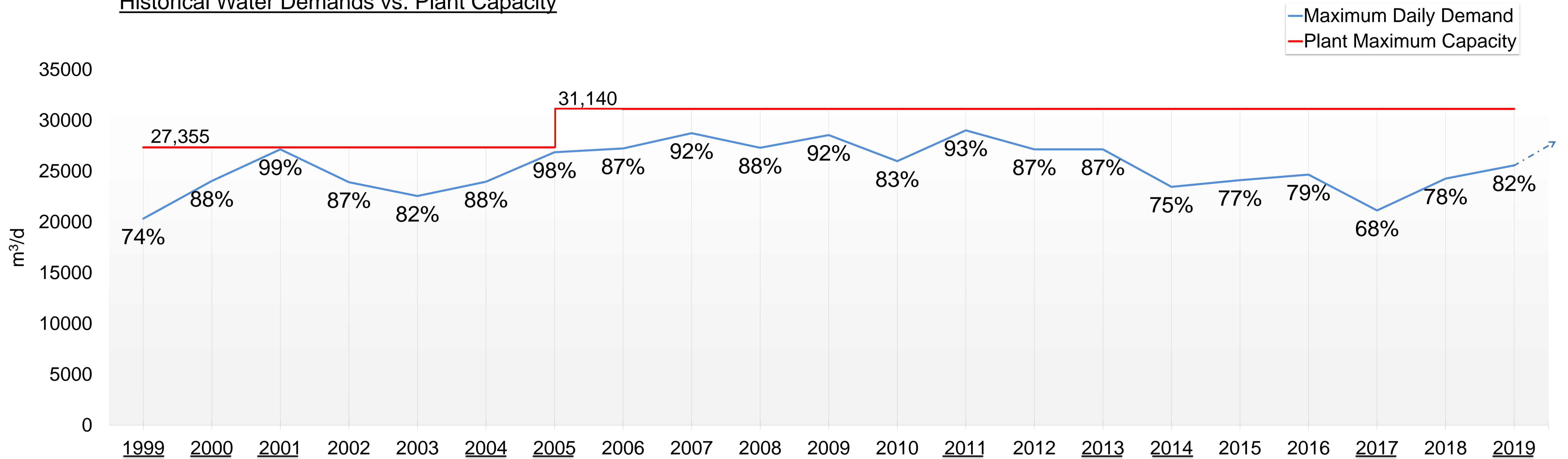
MUNICIPAL CLASS EA PROCESS



- Based on the scope (increased water treatment capacity), this project constitutes a Schedule 'C' project in accordance with the MCEA document. Schedule 'C' projects require completion of Phases 1 to 4 with implementation during Phase 5. The MSP will be used in support of Phases 3 and 4 as it addresses Phases 1 and 2 of the Class EA process.
- The WTP Expansion Class EA Phase 3 will determine the preferred design option for expansion and an Environmental Study Report (ESR) will be published for public and review agency comment as part of Phase 4.

PROJECT HISTORY

Historical Water Demands vs. Plant Capacity



MSP SUMMARY

- As part of the MSP, an analysis was conducted that calculated demands on water supply for existing water taking rates, future phases of development in the Town of Collingwood, and requests from nearby municipalities.
- The MSP analysis determined that it would be necessary to increase the ultimate plant capacity to 101,069 m³/d for current full build boundary projections and maximum future supply requests by other municipalities.
- It is suggested that the expansion in the capacity of the WTP be undertaken in phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The proposed Phase 1 expansion will increase the WTP capacity to **51,871 m³/d**.

EXISTING CONDITIONS

As part of Phase 3 of this Class EA, various field studies have been completed to determine existing environmental conditions as well as to identify any potential impacts the alternatives pose to the environment. The term “environment” is broadly defined and includes the built, natural, socio-economic and cultural environments. The following assessments have been completed at the existing WTP:

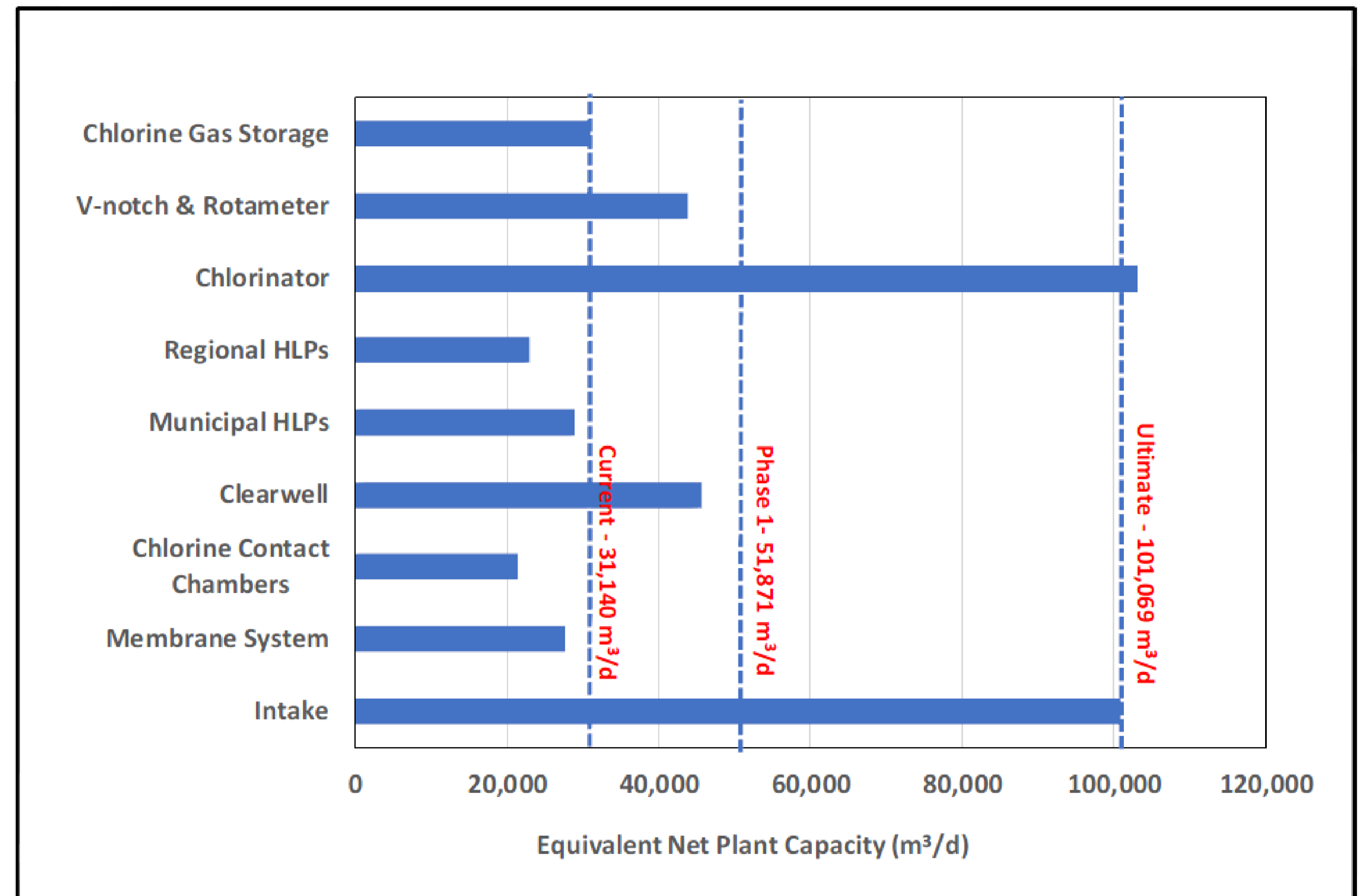
Existing Plant Performance/Capacity

Assessment:

- The treatment processes meet quality requirements.
- Capacity shortfalls exist in multiple areas (as illustrated by graph).

Condition Assessments:

- Architectural and structural condition assessments, limited to visual inspection of exposed components from ground level, were conducted.
- Recommendations are presented in the report along with an opinion of costs for immediate and future recommended upgrades.



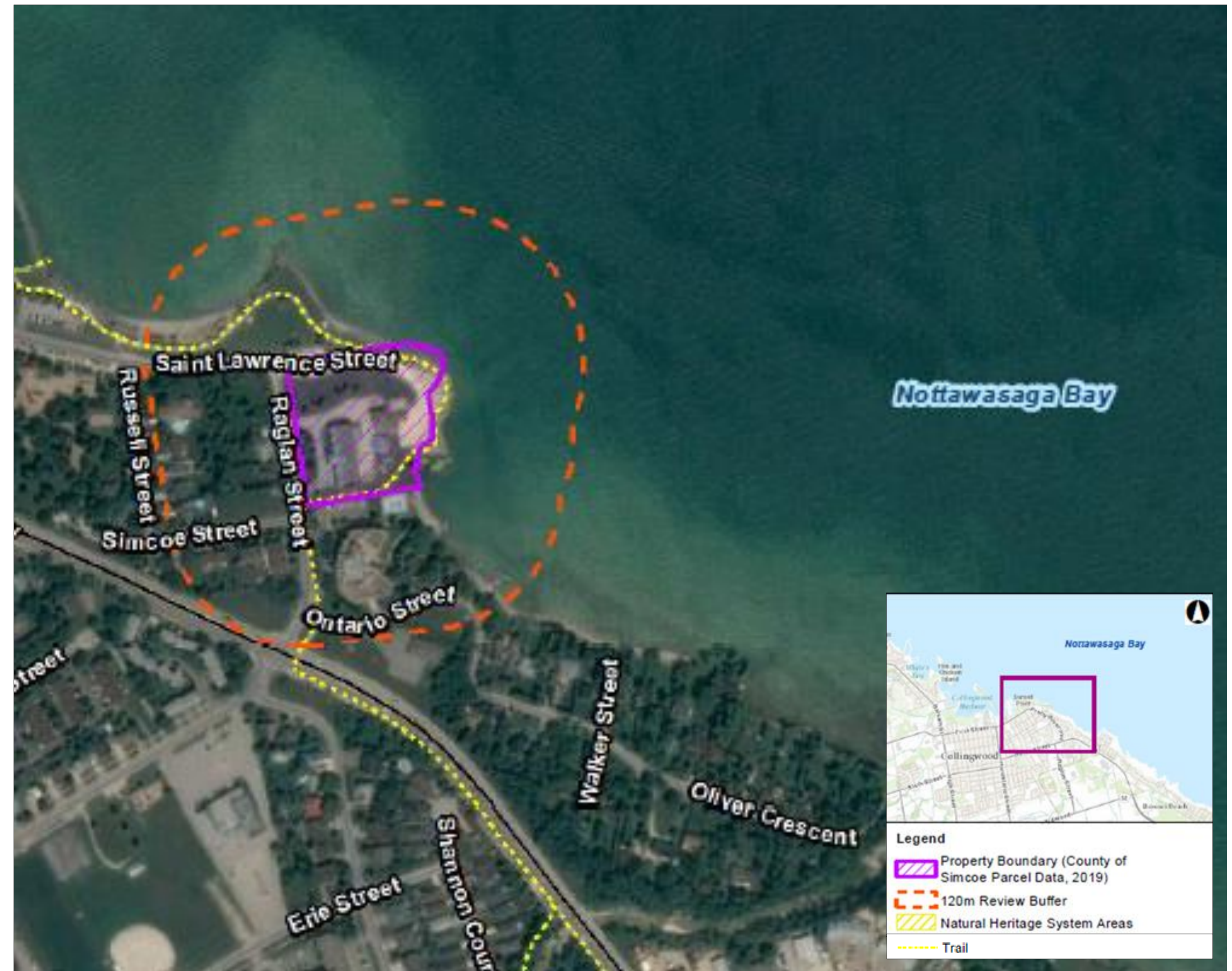
EXISTING CONDITIONS CON'T

Natural Environment Assessment:

- Field investigations and background review were completed.
- Information was obtained on known natural environment features and species records.
- The Ministry of Natural Resources and Forestry (MNR) was consulted.
- The conclusion was that there are no designated natural environment features or areas (e.g., significant wetlands, etc.) or ecological communities within the study area.
- Potential impacts to noted species at risk or their habitat are considered low with implementation of proper mitigation measures.

Stage 1 Archaeological Assessment:

- Extensive previous construction and underground utilities installations have been completed on the site.
- As a result, there is no potential for the recovery of archaeological resources.
- Therefore, no further archaeological work is required.



SCREENING CRITERIA OF ALTERNATIVES

Preliminary Screening Criteria

Screening Criteria	Description
Compliance	<ul style="list-style-type: none"> ▪ Ability to continuously meet or exceed the proposed treatment objectives
Technical Feasibility	<ul style="list-style-type: none"> ▪ Adequate space exists for the given location. ▪ Compatibility with existing infrastructure (potential impact on overall construction requirements). ▪ Compatibility with existing processes (operating risk, system reliability, maintenance and monitoring requirements). ▪ Is a common technology used in water treatment facilities in North America.
Capacity	<ul style="list-style-type: none"> ▪ Ability to meet the required water demands
Financial	<ul style="list-style-type: none"> ▪ Is known not to have a high financial and/or operating cost.

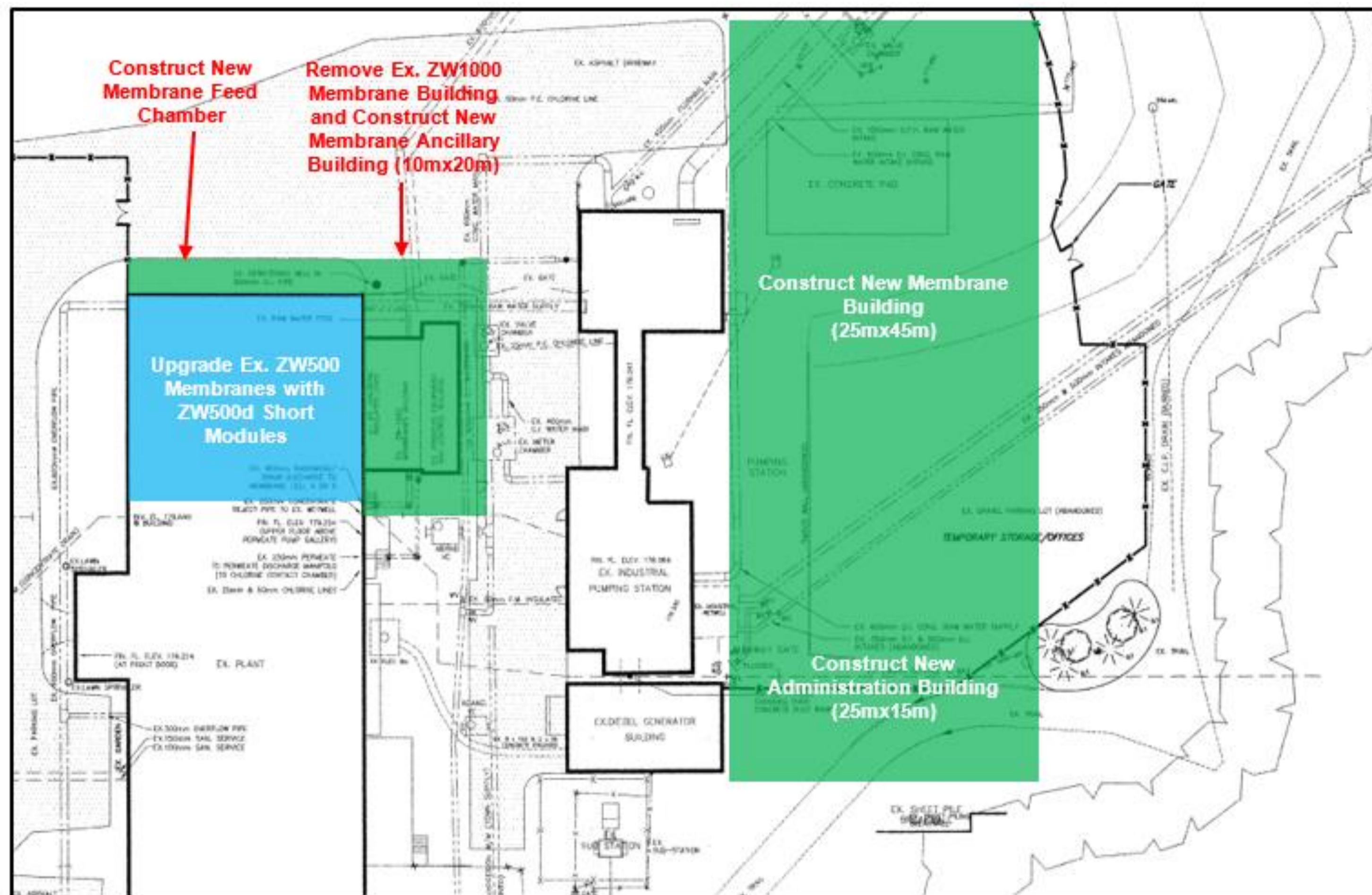
MEMBRANE ALTERNATIVES

The following membrane alternatives were identified:

- **Option 1:** Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit and Construct New Membrane Building
- **Option 2.1:** Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains
- **Option 2.2:** Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains
- **Option 3:** Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building
- **Option 4:** Construct a New Membrane Building for Phase 1 flows and in the Future Retrofit the Existing Membrane Building for Balance of Flows
- **Option 5:** Construct a New Membrane Building Combined With Operating the Existing Membrane Building to Its End of Life (Reducing New Membranes Initially Required)

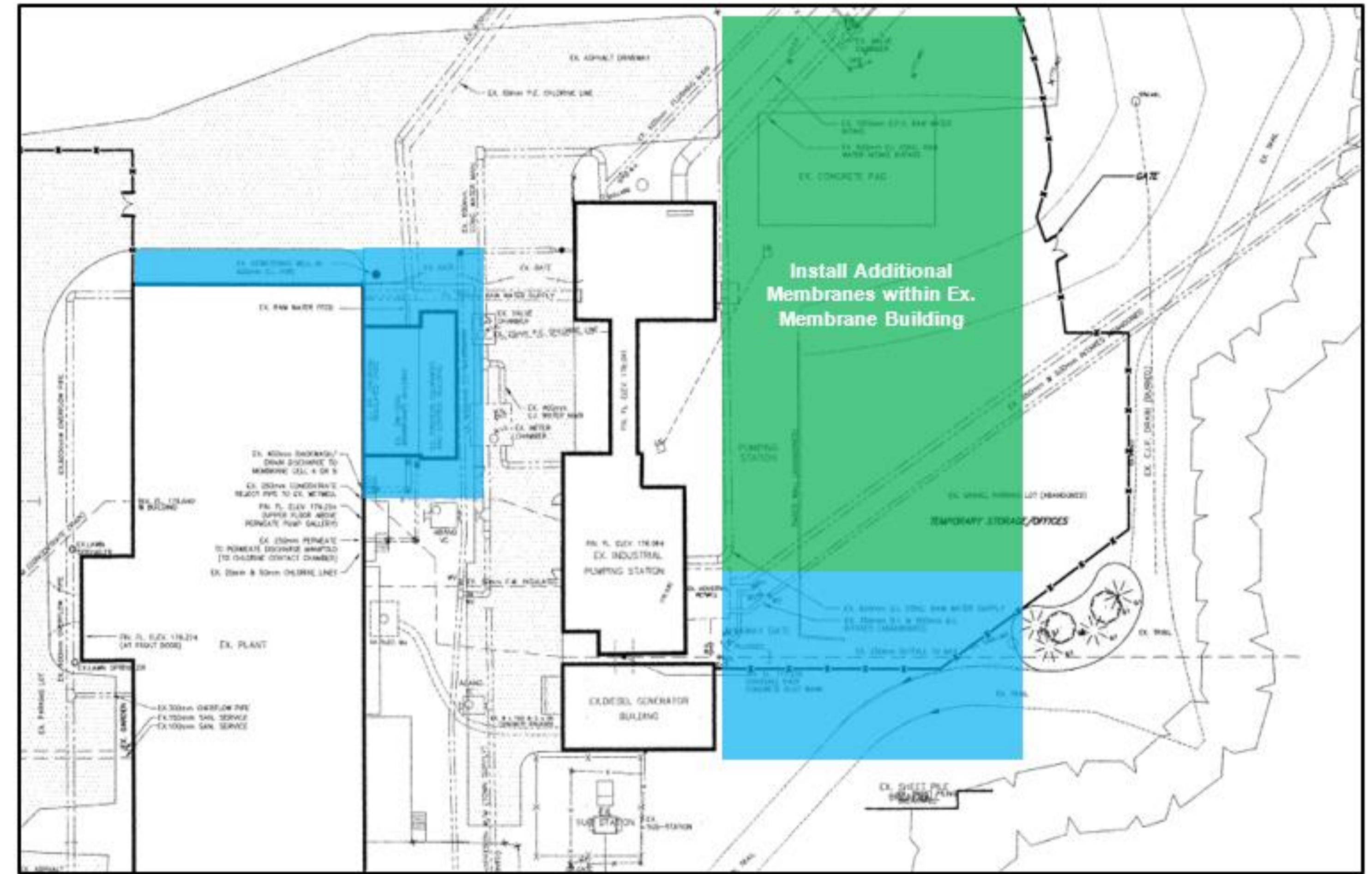
MEMBRANE OPTION 1 CONCEPT

Option 1: Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit and Construct New Membrane Building (New Infrastructure Shown as Green)



Option 1A – Phase 1

Net capacity provided = 51,871 m³/d

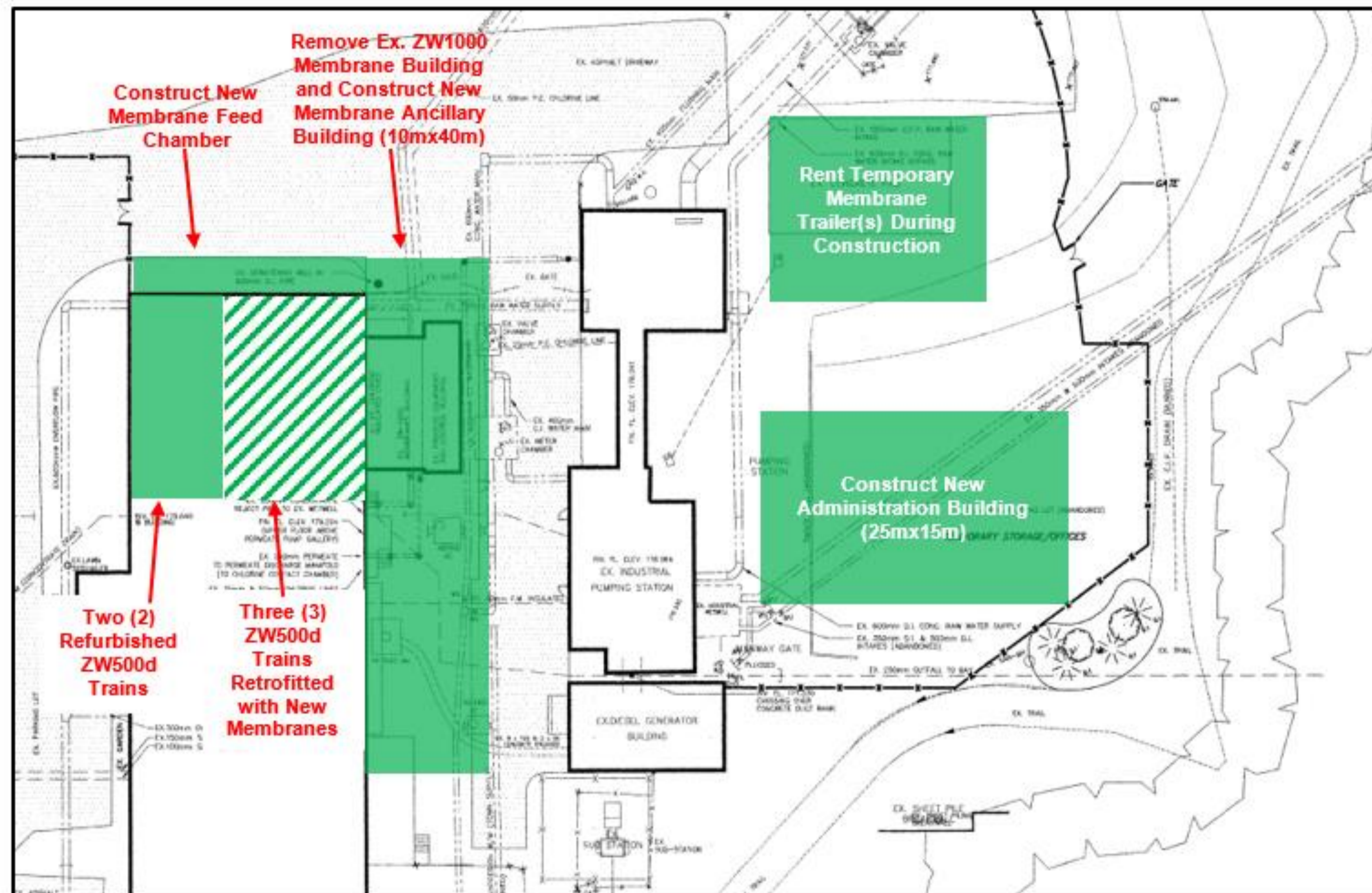


Option 1B – Ultimate Phase

Net capacity provided = 101, 069 m³/d
(Additional 49,198 m³/d)

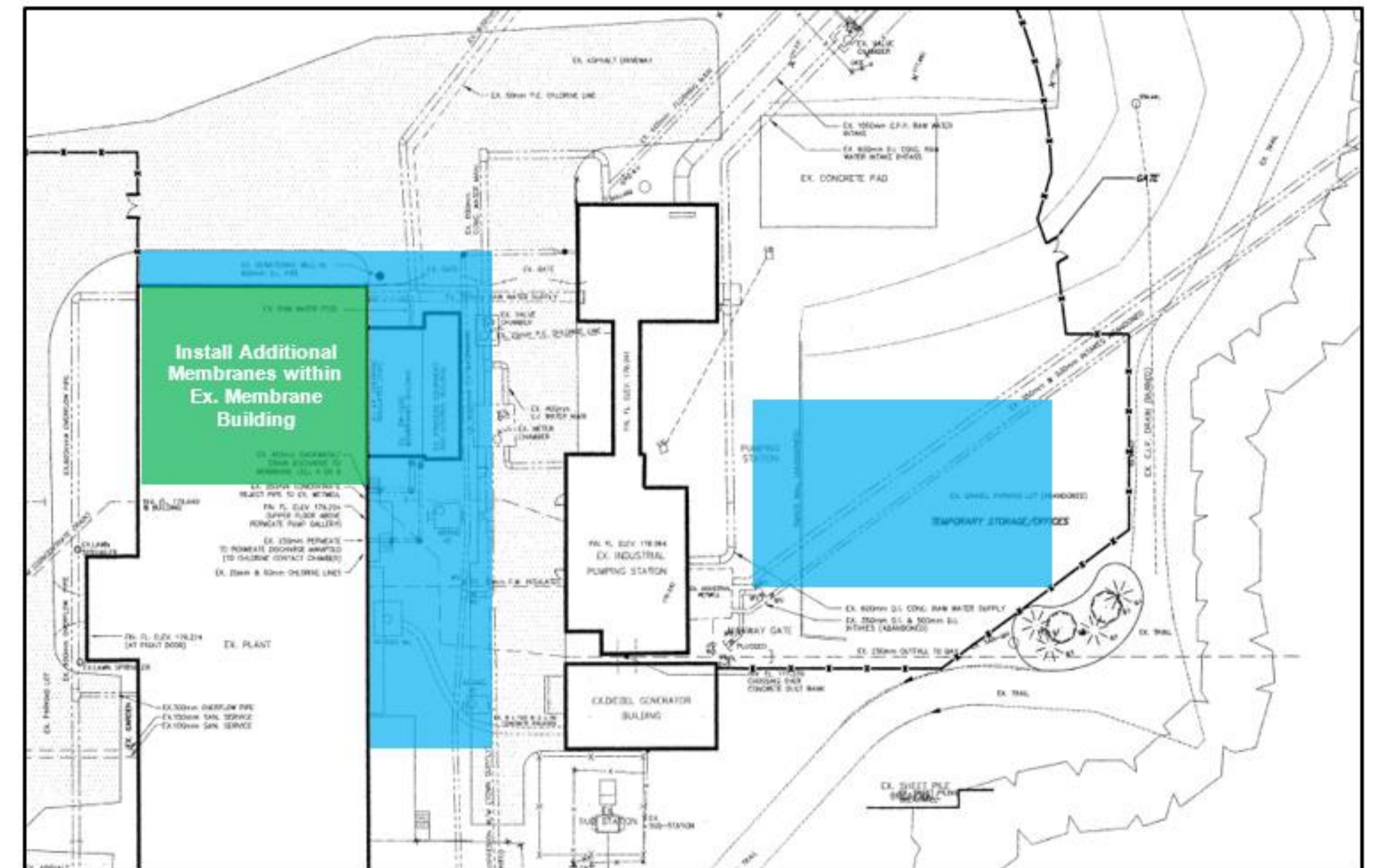
MEMBRANE OPTION 2.1 CONCEPT

Option 2.1: Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains (New Infrastructure Shown as Green)



Option 2.1A – Phase 1

Net capacity provided = 51,871 m³/d

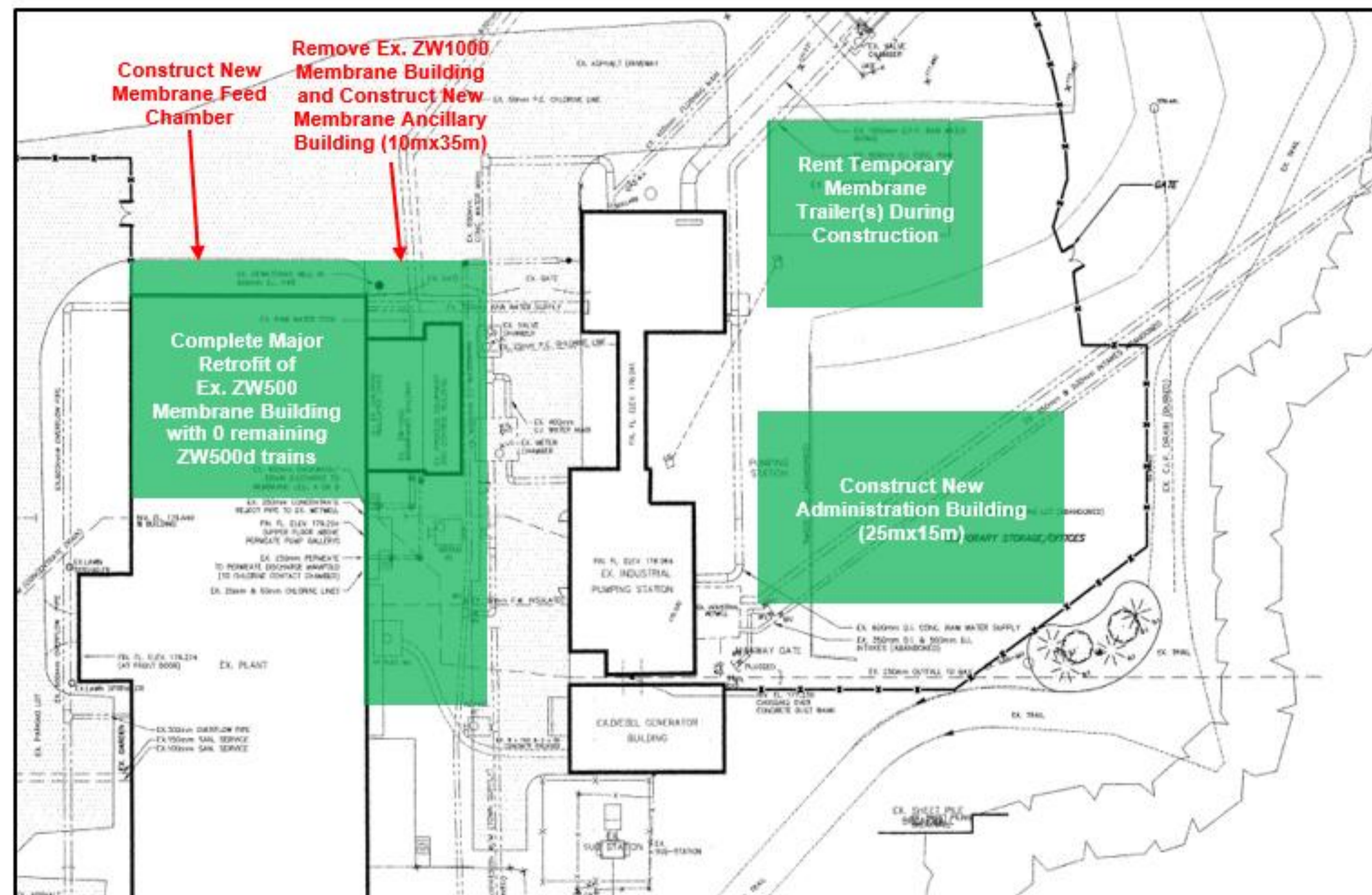


Option 2.1B – Ultimate Phase

Net capacity provided = 101, 069 m³/d
(Additional 49,198 m³/d)

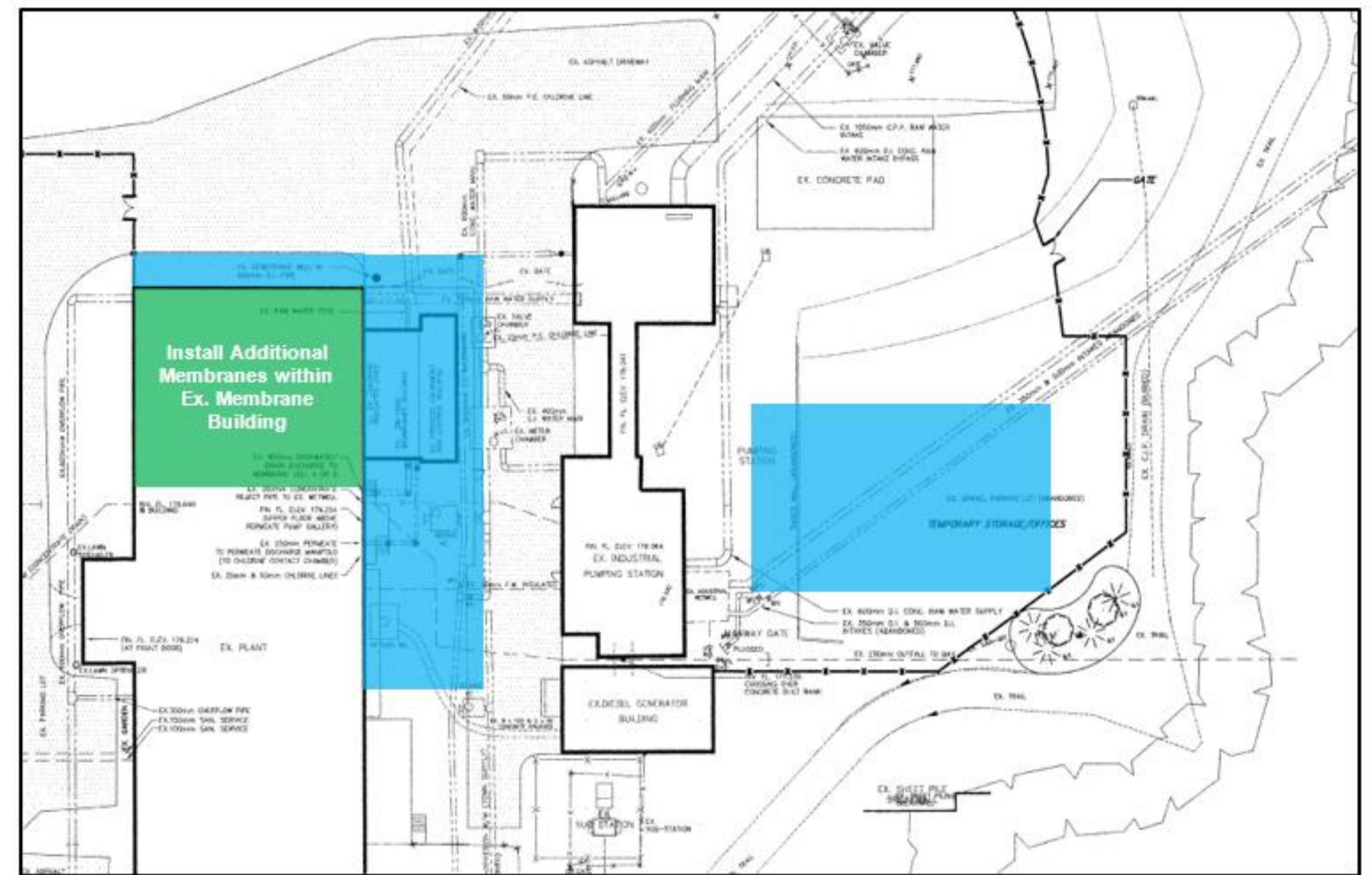
MEMBRANE OPTION 2.2 CONCEPT

Option 2.2: Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains (New Infrastructure Shown as Green)



Option 2.2A – Phase 1

Net capacity provided = 51,871 m³/d

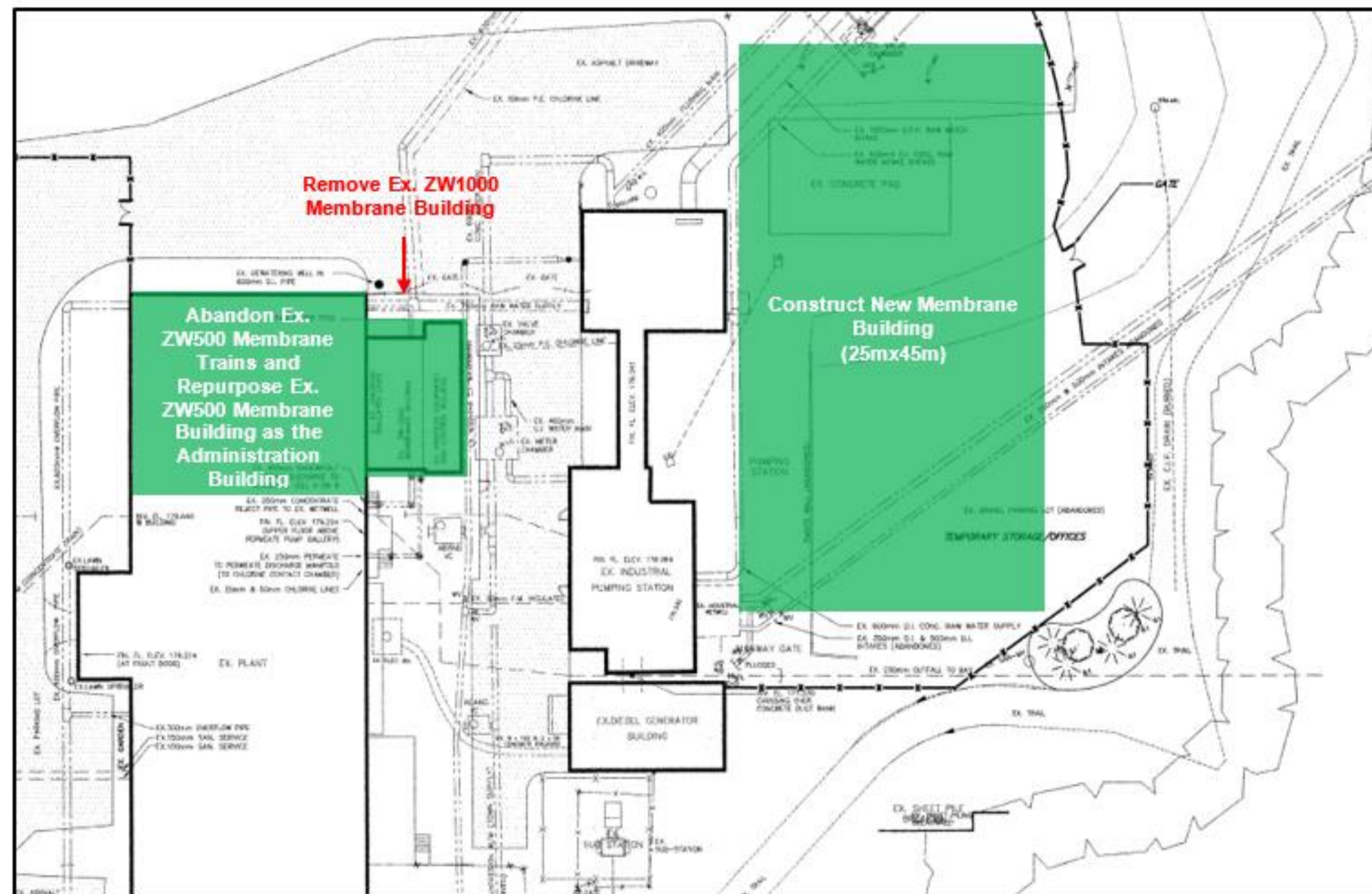


Option 2.2B – Ultimate Phase

Net capacity provided = 101, 069 m³/d
(Additional 49,198 m³/d)

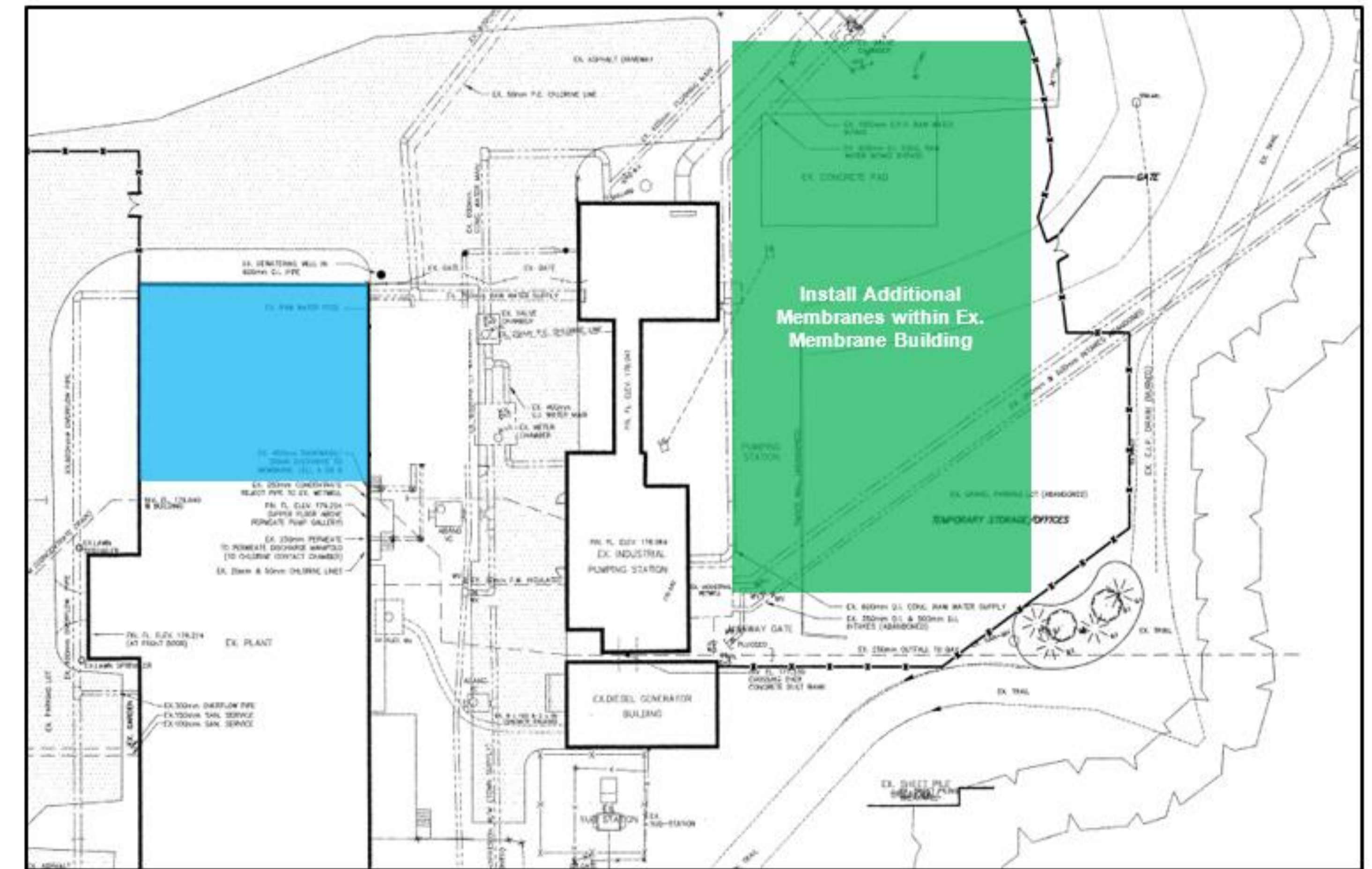
MEMBRANE OPTION 3 CONCEPT

Option 3: Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building (New Infrastructure Shown as Green)



Option 3A – Phase 1

Net capacity provided = 51,871 m³/d



Option 3B – Ultimate Phase

Net capacity provided = 101, 069 m³/d
(Additional 49,198 m³/d)

MEMBRANE ALTERNATIVES NOT CARRIED FORWARD

The following options passed the initial screening criteria but were **not carried forward** for the reasons noted.

Option 4: Construction of a New Membrane Building for Phase 1 flows and Future Retrofit of the Existing Membrane Building for Balance of Flows

- Higher capital cost than Option 1 since the existing membrane building would require major modifications (not just retrofits) that would greatly exceed the savings from a smaller new membrane building with no compensating additional benefit.
- Once a new membrane building is constructed for Phase 1 (and potentially higher) flows, the existing membrane building would remain unused for potentially up to 10 years or more.

Option 5: Construction of a New Membrane Building Combined With Operating the Existing Membrane Building to Its End of Life (Reducing New Membranes Initially Required)

- Could be adopted as an ancillary option to defer capital costs by reducing the new membranes required in the short-term (not a sustainable long-term solution).
- Although this option would allow the existing plant to be completely repurposed in the long-term, in the short-term, repurposing of the membrane treatment components of the plant would have to be deferred while the membranes are still in use.

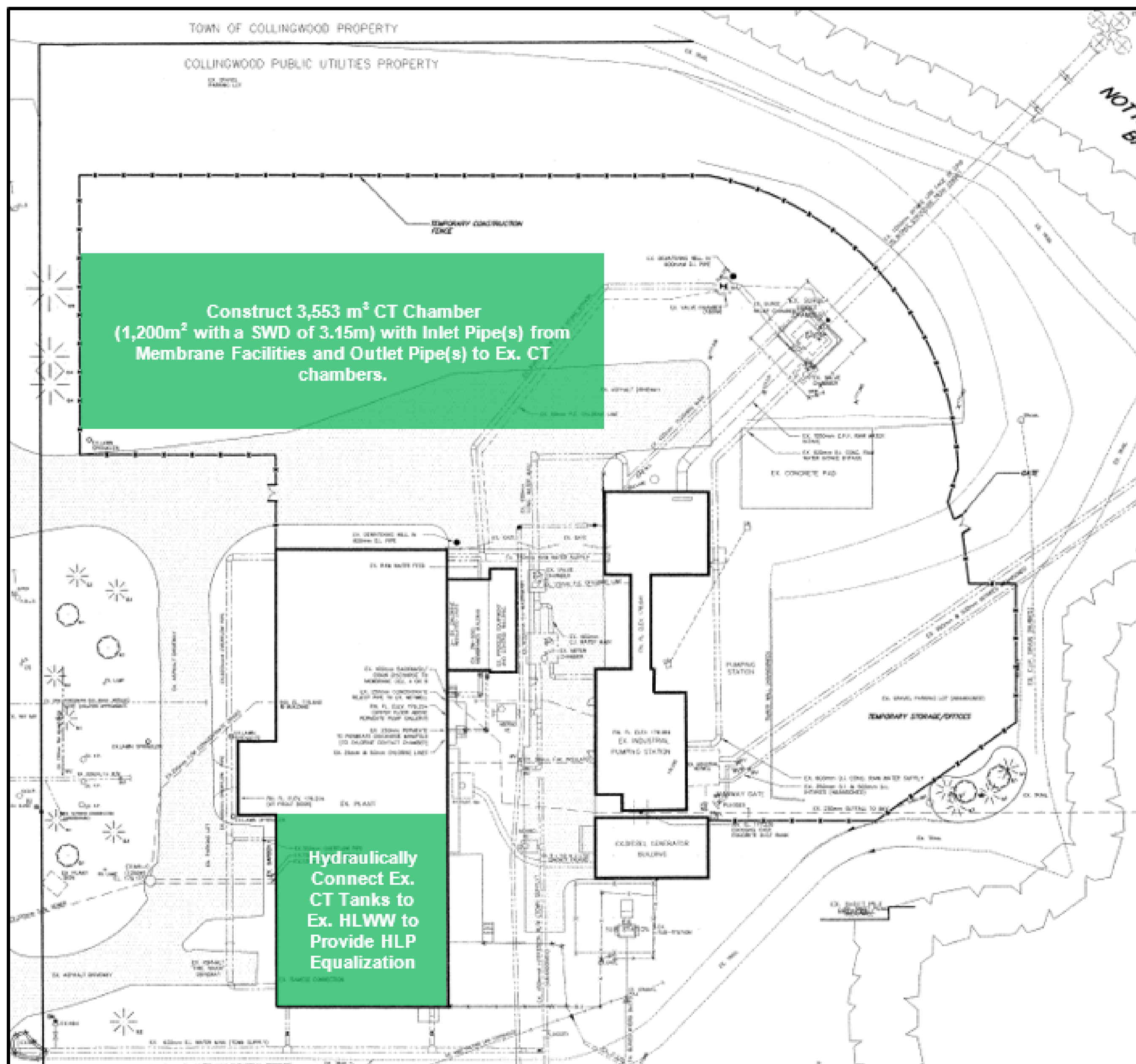
DISINFECTION ALTERNATIVES

The following disinfection alternatives were identified:

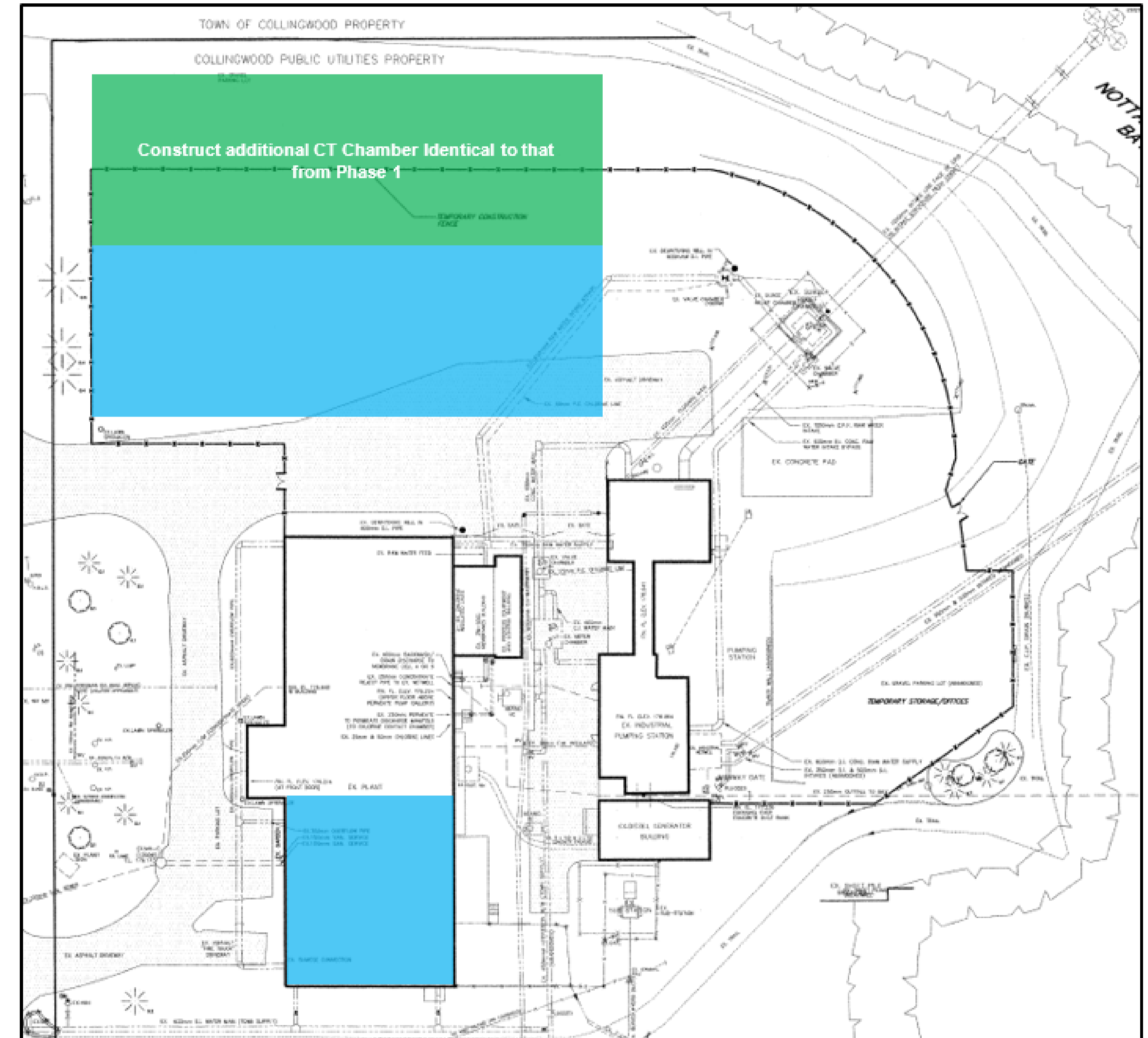
- **Option 1:** Chlorinate Year Round in Intake and Chlorine Contact (CT) Chambers
- **Option 2:** Superchlorinate and Dechlorinate in Existing CT Chambers
- **Option 3:** Practice pH Adjustment in Existing CT Chambers
- **Option 4:** Chlorinate in New CT Chambers
- **Option 5:** Practice UV Disinfection in New Building and Chlorinate in New CT Chambers

DISINFECTION OPTION 4 CONCEPT

Option 4: Chlorinate in New CT Chambers (New Infrastructure Shown as Green)



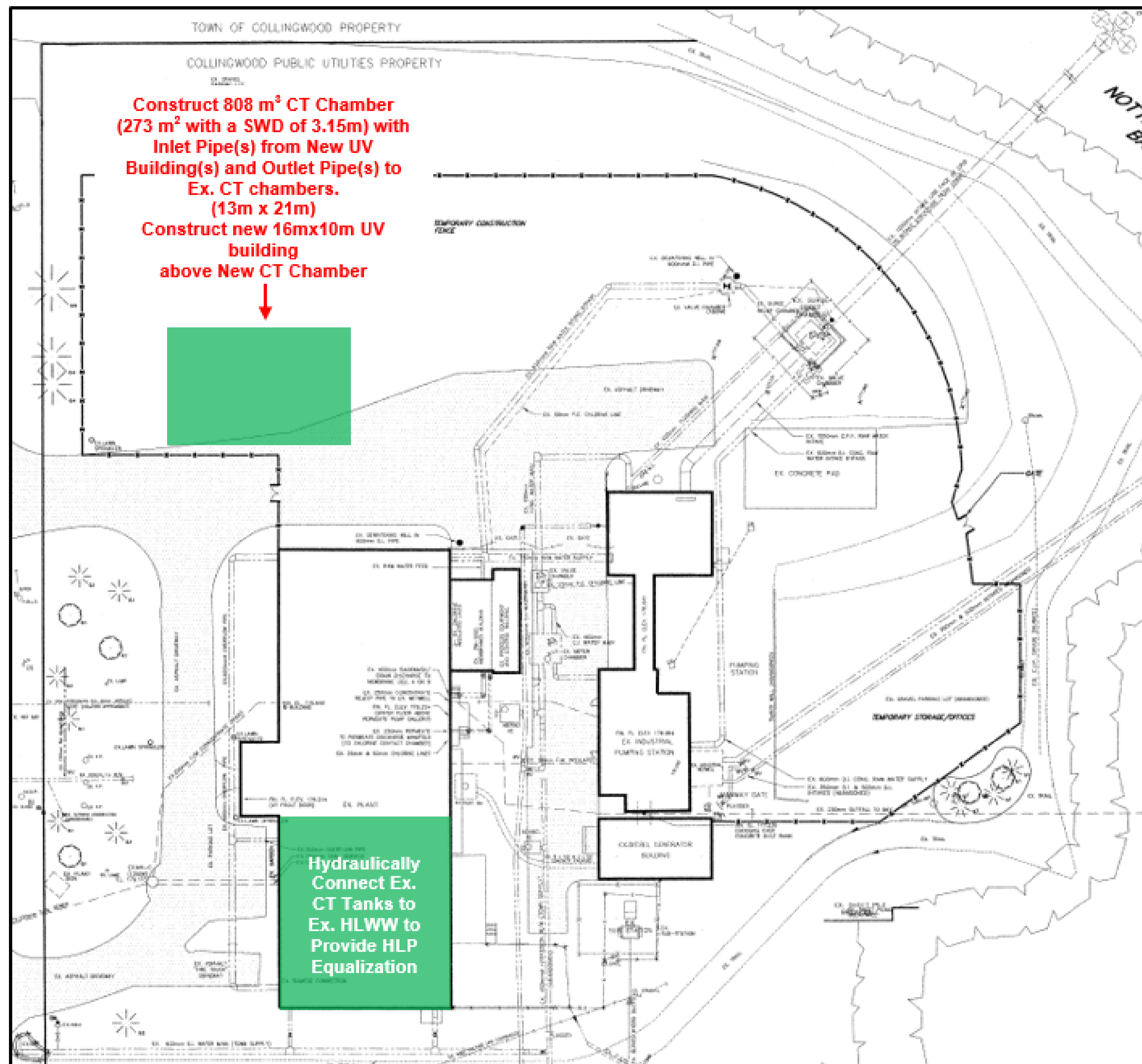
Option 4A – Phase 1



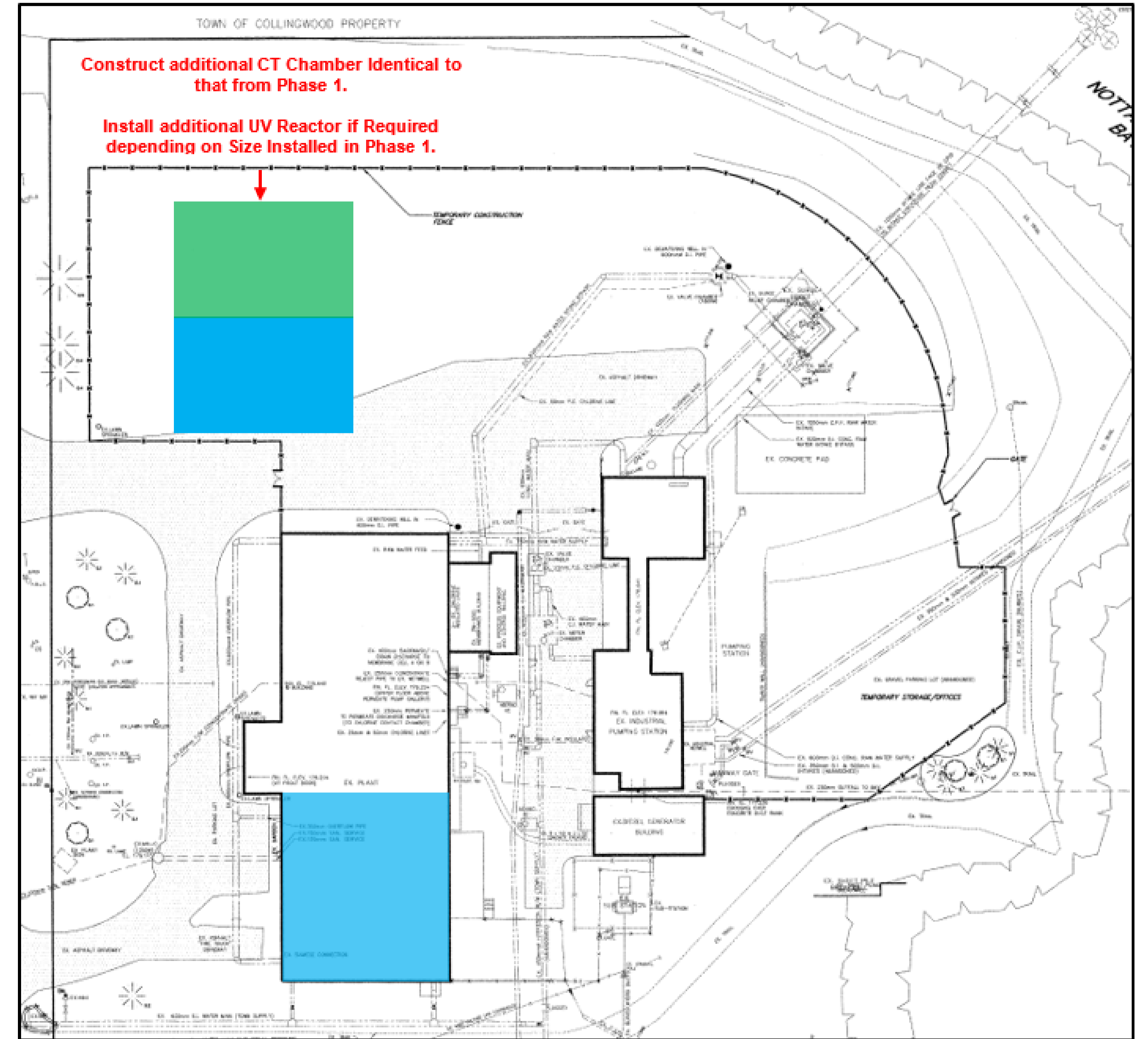
Option 4B – Ultimate Phase

DISINFECTION OPTION 5 CONCEPT

Option 5: Practice UV Disinfection and Chlorinate in New CT Chambers (New Infrastructure Shown as Green)



Option 5A – Phase 1



Option 5B – Ultimate Phase

DISINFECTION ALTERNATIVES NOT CARRIED FORWARD

The following options were **not carried forward** for the reasons noted.

Option 1: Chlorinate Year Round in Intake and CT Chambers.

- Raw water in the intake has solids that can shield pathogens from the chlorine, thus not guaranteeing inactivation of the pathogens.
- Chlorination year round within the intake is not preferred by the MECP.
- A higher chlorine dosage than normal is required, increasing the potential for disinfection by-products and decreasing the pH of the water making the water more corrosive, exceeding the water quality objectives.
- Additional dechlorination will be required.
- At ultimate flows, this option does not provide sufficient disinfection.

Option 2: Superchlorinate and Dechlorinate in Existing CT Chambers

- Increased potential for disinfection by-product formation exceeding the water quality objectives.
- Increased potential for a decrease in the pH of the water making the water more corrosive, exceeding the water quality objectives.
- Increased potential for an adverse exceedance of 4.0 mg/L free chlorine residual in the distribution system, exceeding the water quality objectives.
- A substantial amount of additional chlorine containers will need to be transported to and then stored on-site.
- Additional dechlorination will be required.

Option 3: Practice pH Adjustment in Existing CT Chambers

- Potential for increasing the corrosivity of the water, exceeding the water quality objectives.
- New chemical systems (acid and base) will need to be installed on-site requiring additional transportation, storage and handling of chemicals on-site.

DETAILS OF ASSOCIATED UPGRADES REQUIRED FOR ALL EXPANSION OPTIONS

The following associated plant approvals and upgrades will also be required:

- Application for an increase in the water taking capacity (Permit To Take Water) for the ultimate expansion phase.
- Construction of a new low-lift pumping station with micro-screening.
- Relocation of the industrial water pumping station with micro-screening added.
- Conversion of the existing chlorine contact chambers to high-lift wet wells.
- Phased replacement of high-lift pumps.
- Upgrades to the chlorination equipment and increased gas cylinder storage.
- Consolidation of all chemicals into a single chemical building.
- Construction of equalization tanks for residue management.
- Sanitary sewage drainage systems in each new building, discharging to the sanitary sewer.
- Electrical supply, standby power and SCADA upgrades.
- Existing building and site services upgrades.

ALTERNATIVES FOR FURTHER EVALUATION

The following alternatives were shortlisted, assessed relative to each other and evaluated against a set of pertinent criteria and factors.

Alternatives for Further Evaluation

Option	Alternative
Membrane Alternatives	
1	Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit of ZW500d Trains and Construct New Membrane Building
2.1	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains
2.2	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains
3	Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building
Disinfection Alternatives	
4	Chlorinate in New CT Chambers
5	Practice UV Disinfection and Chlorinate in New CT Chambers

The proposed evaluation criteria are based on three primary criteria typically used in the water industry for the selection of alternatives as part of a Cost-Benefit analysis:

- Water Quality
- Technical Considerations
- Social Considerations

TECHNICAL EVALUATION CRITERIA

The proposed evaluation criteria and weighting factors, grouped by primary categories, are shown in the Tables below for the membrane alternatives and the disinfection alternatives. Water quality is not included for the membrane alternatives because water quality will be the same for all alternatives.

Evaluation Criteria and Weighting Membrane Alternatives

Primary Criteria	Weight	Secondary Criteria	Relative Weight	Absolute Weight
Technical Considerations	80	Operation and maintenance requirements, including process complexity	50	40
		Ease of implementation (construction schedule)	30	24
		Process robustness	20	16
Maximum Sub-total Score – Technical Considerations				80
Social Considerations	20	Minimize footprint and site impacts/architectural aesthetics (plant appearance)	70	14
		Minimize truck traffic (during construction and operation)	30	6
Maximum Sub-total Score – Social Considerations				20
Total Overall Maximum Score				100

Evaluation Criteria and Weighting Disinfection Alternatives

Primary Criteria	Weight	Secondary Criteria	Relative Weight	Absolute Weight
Water Quality	35	Pathogen control	100.0	35
Maximum Sub-total Score – Water Quality				35
Technical Considerations	50	Operation and maintenance requirements, including process complexity	50.0	25
		Ease of implementation (construction schedule)	30.0	15
		Process robustness	20.0	10
Maximum Sub-total Score – Technical Considerations				50
Social Considerations	15	Minimize footprint and site impacts/architectural aesthetics (plant appearance)	66.7	10
		Minimize truck traffic (during construction and operation)	33.3	5
Maximum Sub-total Score – Social Considerations				15
Total Overall Maximum Score				100

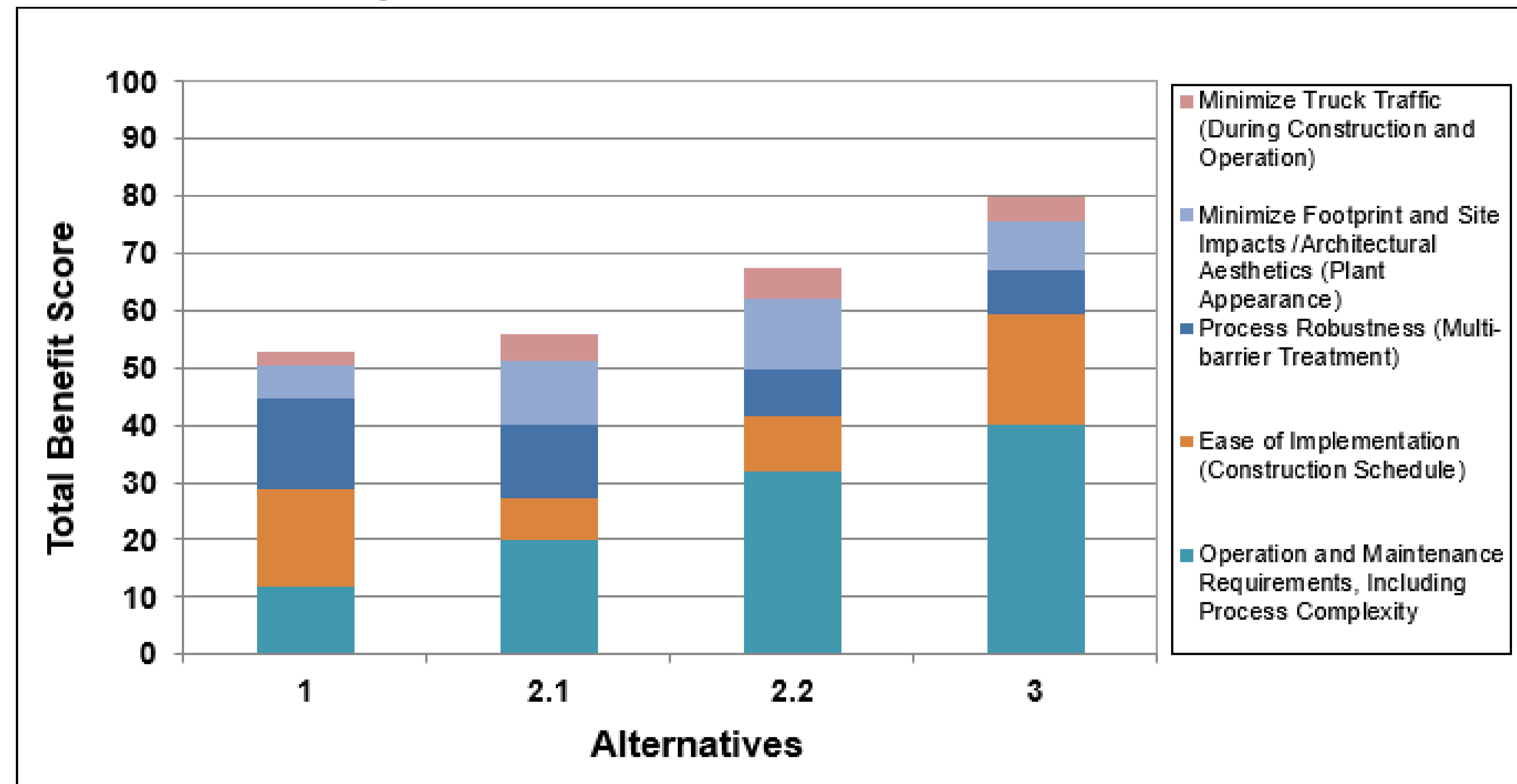
The primary criteria listed below were also considered for evaluation purposes, however they were not included for the following reasons:

- **Regulatory risk:** Each of the short-listed alternatives is expected to receive approval from the Ministry of Environment, Conservation and Parks (MECP).
- **Natural Environmental Considerations:** There is negligible difference between the short-listed alternatives for this criteria.

A sensitivity analysis was completed to test the results of the evaluation criteria. Results confirmed ranking.

MEMBRANE RESULTS - TECHNICAL

Technical Scoring Results for *Membrane Alternatives*

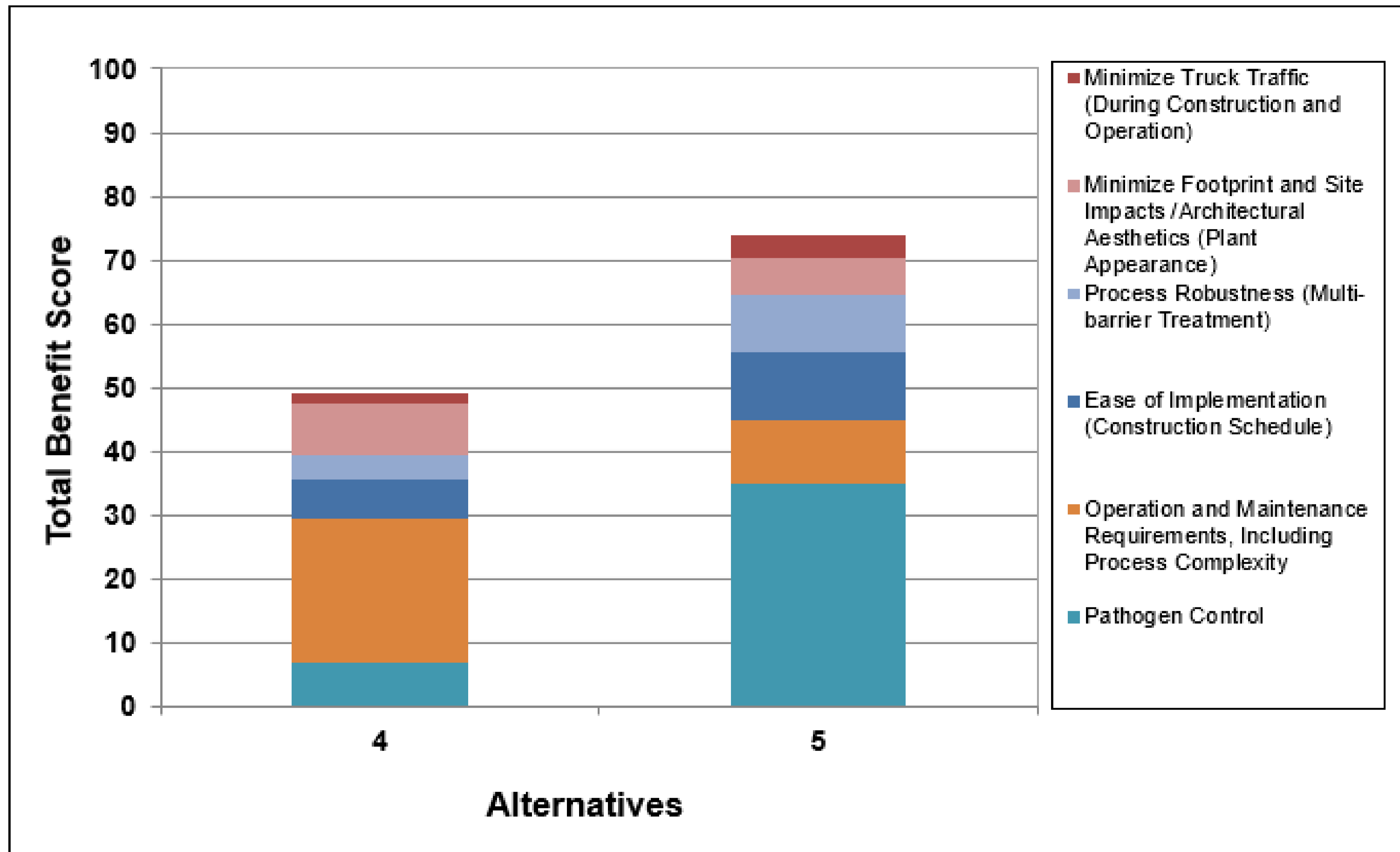


Summary of Technical Scores for *Membrane Alternatives*

Option	Alternative Description	Total Technical Score	Technical Ranking
1	Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit of ZW500d Trains and Construct New Membrane Building	52.8	4
2.1	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains	56.0	3
2.2	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains	67.6	2
3	Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building	79.8	1

DISINFECTION RESULTS - TECHNICAL

Technical Evaluation Scoring Results for *Disinfection* Alternatives



Summary of Technical Scores for Disinfection Alternatives

Option	Alternative Description	Total Technical Score	Technical Ranking
4	Chlorinate in New CT Chambers	49.0	2
5	Practice UV Disinfection and Chlorinate in New CT Chambers	74.0	1

RELATIVE COST COMPARISONS OF ALTERNATIVES

The tables below summarize the capital and operating cost estimates and net present value for the short-listed *membrane* and *disinfection* alternatives. Note that these are relative cost comparisons for membrane treatment and disinfection only, excluding costs of associated upgrades on Slide 20 that are common to all alternatives, but including costs for Phase 1 and Ultimate buildout with inflation and interest considered from 2020.

Capital and Operating Cost Estimates and NPV for Short-Listed - *Membrane* Alternatives

Option	Alternative Description	Capital Costs (\$million)	Operating Costs (\$million)	Net Present Value (\$million)
1	Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit of ZW500d Trains and Construct New Membrane Building	\$55.1	\$22.6	\$77.6
2.1	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains	\$46.6	\$14.7	\$61.3
2.2	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains	\$40.7	\$10.8	\$51.6
3	Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building	\$39.1	\$9.6	\$48.6

Capital and Operating Cost Estimates and NPV for Short-Listed - *Disinfection* Alternatives

Option	Alternative Description	Capital Costs (\$million)	Operating Costs (\$million)	Net Present Value (\$million)
4	Chlorinate in New CT Chambers	\$9.2	\$0.06	\$9.3
5	Practice UV Disinfection and Chlorinate in New CT Chambers	\$6.1	\$0.86	\$7.0

COST-BENEFIT ANALYSIS

The Cost-Benefit analysis is a value analysis tool that provides an alternative means to include costs in the evaluation process. The Cost-Benefit analysis was carried out as follows:

- Total technical score obtained for each short-listed alternative was carried forward and given a weighting of 70%.
- The calculated net present value (NPV) for each short-listed alternative was prepared and given a weighting of 30%.
- The cost score was added to the technical score to result in a *Total Score* with the highest score being the preferred alternative.

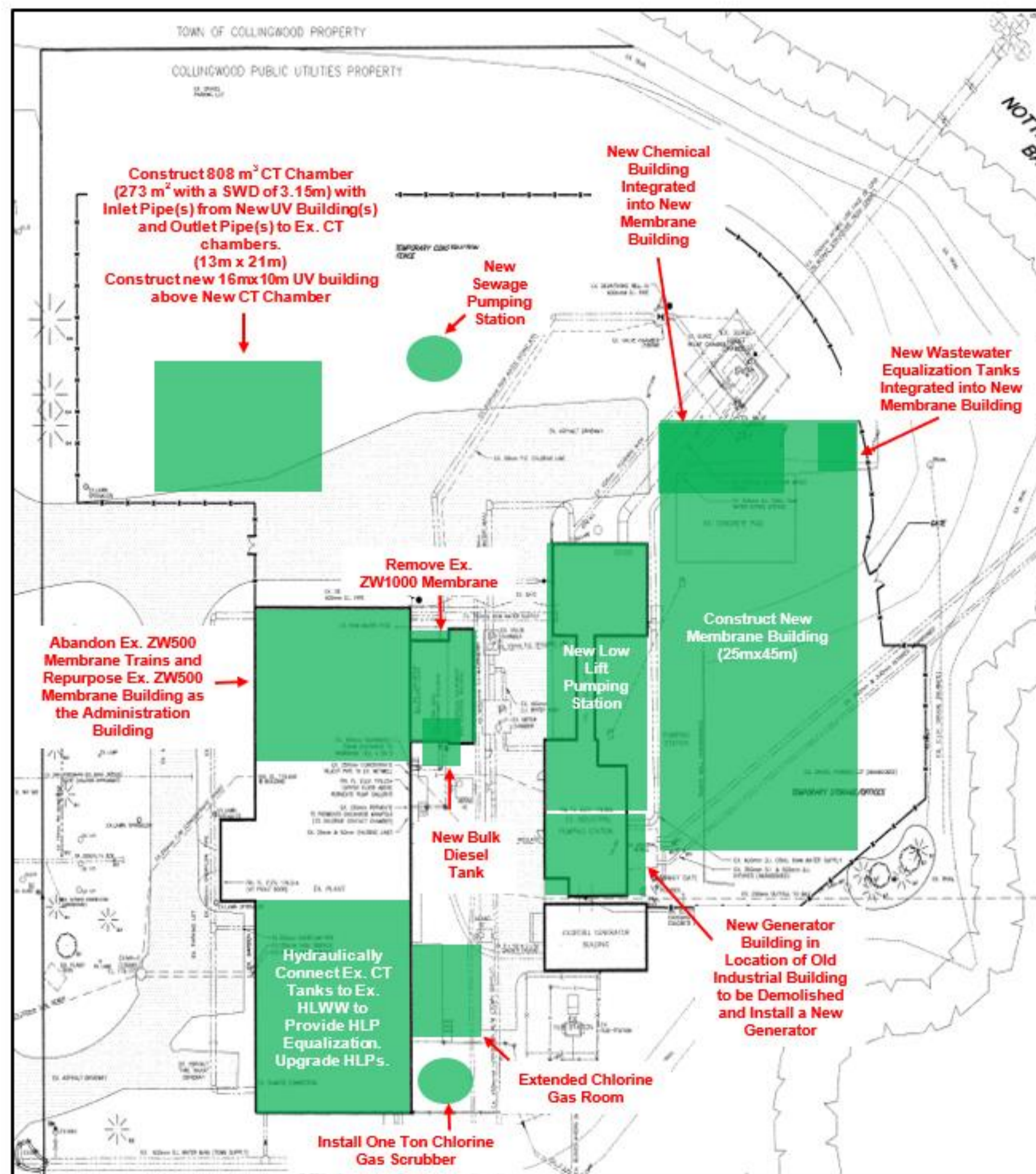
The highest scoring membrane and disinfection alternatives have been highlighted in green.

Cost-Benefit Analysis

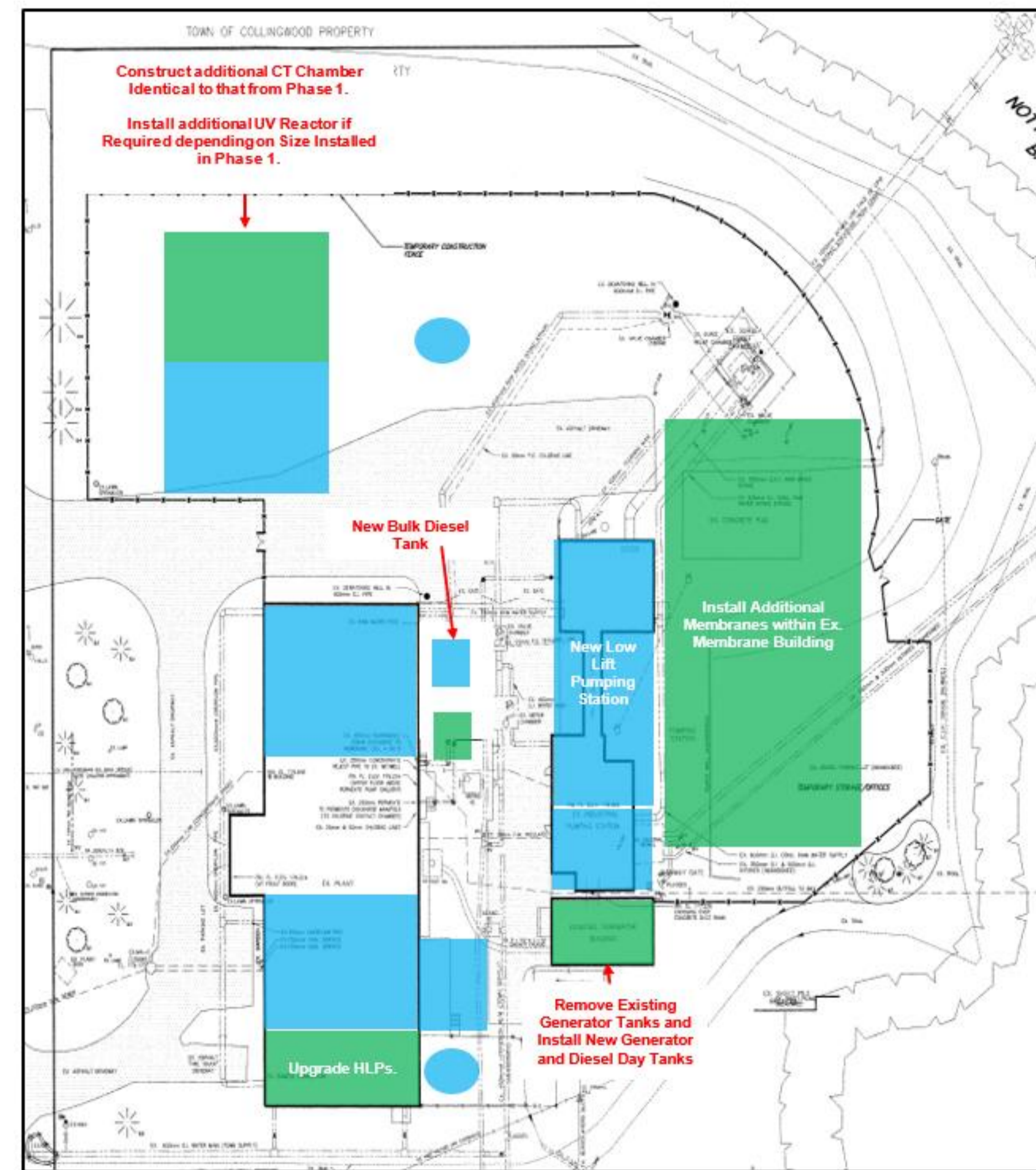
Option	Description	Net Present Value (\$million)	Costs Score (Points out of 100)	Technical Score (Points out of 100)	Total Score	Overall Ranking
Membrane Alternatives						
1	Maintain Existing ZW500 Membrane Building Capacity with Minor Retrofit of ZW500d Trains and Construct New Membrane Building	\$77.6	62.7	52.8	55.8	4
2.1	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 2 Remaining ZW500d Trains	\$61.3	79.4	56.0	63.0	3
2.2	Complete Major Retrofit with New Membranes within Existing ZW500 Membrane Building - With 0 Remaining ZW500d Trains	\$51.6	94.4	67.6	75.6	2
3	Repurpose Existing ZW500 Membrane Building and Construct New Membrane Building	\$48.6	100.0	79.8	85.9	1
Disinfection Alternatives						
4	Chlorinate in New CT Chambers	\$9.3	75.2	49.0	56.9	2
5	Practice UV Disinfection and Chlorinate in New CT Chambers	\$7.0	100.0	74.0	81.8	1

RECOMMENDED SOLUTION CONCEPT

Given the results of the Technical Evaluation and the Cost-Benefit analysis it is recommended that **Option 3 under the membrane alternatives and Option 5 under the disinfection alternatives be selected as the Recommended Solution.** Along with these alternatives are a number of associated upgrades. The drawings illustrate the preferred alternatives and required upgrades to meet Phase 1 and ultimate demands. During detailed design, there will be opportunities to optimize the layout for both phases.



Phase 1



Ultimate

RECOMMENDED SOLUTION PROFILE

North Aerial View of the Existing Infrastructure and Optional Concept to Achieve Ultimate Flows



Existing



Optional Concept

RECOMMENDED SOLUTION PROFILE

Raglan Street View of the Existing Infrastructure and Optional Concept to Achieve Ultimate Flows



Existing



Optional Concept

RECOMMENDED SOLUTION PROFILE

Condo Top Floor View of the Existing Infrastructure and Optional Concept to Achieve Ultimate flows



Existing



Optional Concept

FINANCIAL STATEMENT

The opinion of capital costs of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. The opinion of capital costs includes engineering and the associated upgrades on Slide 20, as well as the membrane and disinfection costs. It separates the costs for the Phase 1 and Ultimate expansion and provides the costs in 2020 dollars (thus excluding inflation or interest considerations until the actual construction year).

Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and the establishment of Water Agreements with other municipalities.

Opinion of Cost

Parameter	Opinion of Cost	
	Phase 1 Upgrades	Ultimate Upgrades
Total Excluding HST (2020\$)	\$65 million	\$19 million

WHAT'S NEXT?

- An Environment Study Report (ESR) will be prepared to document the Class EA process and made available for a 30 day public review period.
- A Notice of Completion will be issued that will identify the final Preferred Design, the start of the 30 day review period and the online links available to review the ESR document. The notice will also provide instructions for submitting a Part II Order request.
- Once the 30 day public review period ends and if there are no objections or requests for a Part II Order, the Class EA process is considered complete. The project can then move forward to Phase 5 involving the completion of detailed design and construction at a future date.



COMMENTS

- A downloadable copy of the PIC material is available on this website.
- Following the presentation we invite you to provide any comments by completing and submitting the on-line Additional Comment Sheet.
- All comments are to be submitted **by Monday June 1, 2020.**
- Questions can be directed to either of the following members of the Project Team:

Ken Kaden, P. Eng.
Project Coordinator, Environmental Services
Town of Collingwood
Tel: (705) 445-1581
kkaden@collingwood.ca

Mike Ainley, P. Eng., PMP
Project Manager
Ainley Group
Tel: 705-445-3451
ainley.m@ainleygroup.com

Thank you for visiting the Public Information Centre!
We appreciate your participation.

MUNICIPAL FREEDOM OF INFORMATION & PROTECTION OF PRIVACY ACT

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

Summary Report

29 April 2019 - 01 June 2020

Engage Collingwood

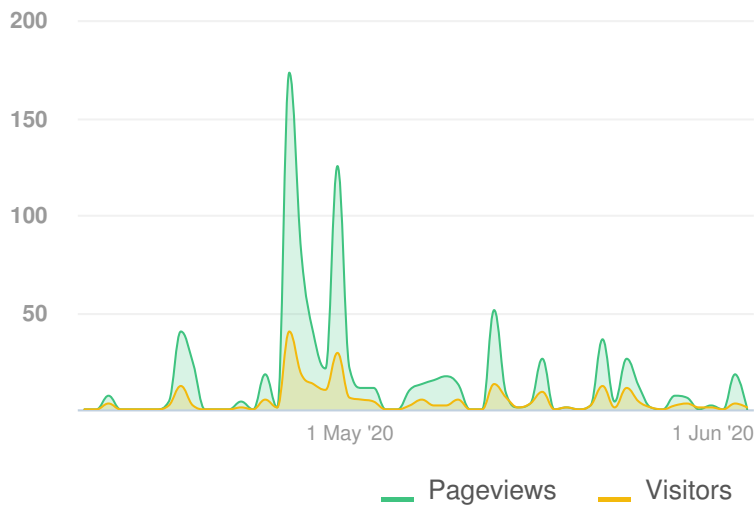
PROJECTS SELECTED: 1

Water Treatment Plant Class EA PIC

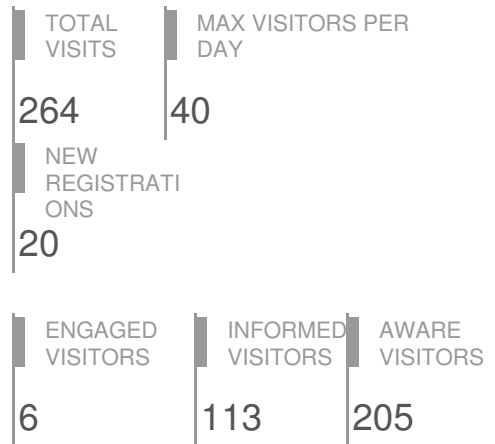
FULL LIST AT THE END OF THE REPORT



Visitors Summary



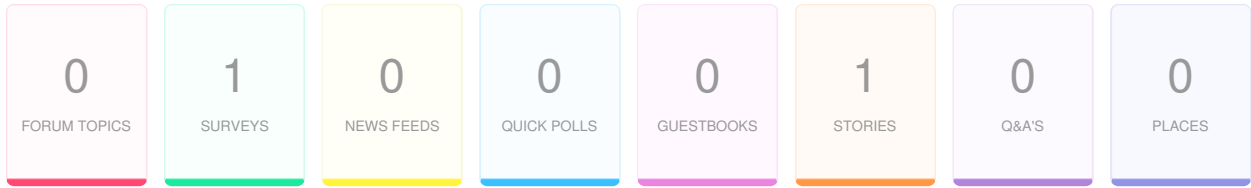
Highlights



PARTICIPANT SUMMARY

ENGAGED	6 ENGAGED PARTICIPANTS			(%)
INFORMED	Registered	Unverified	Anonymous	
	Water Treatment Plant Class...	6 (2.9%)		
AWARE	Contributed on Forums	0	0	0
	Participated in Surveys	6	0	0
	Contributed to Newsfeeds	0	0	0
	Participated in Quick Polls	0	0	0
	Posted on Guestbooks	0	0	0
	Contributed to Stories	0	0	0
	Asked Questions	0	0	0
	Placed Pins on Places	0	0	0
	Contributed to Ideas	0	0	0
	<i>* A single engaged participant can perform multiple actions</i>			<i>* Calculated as a percentage of total visits to the Project</i>
ENGAGED	113 INFORMED PARTICIPANTS			(%)
INFORMED	Participants			
	Water Treatment Plant Class...	113 (55.1%)		
	Viewed a video	0		
	Viewed a photo	43		
	Downloaded a document	15		
	Visited the Key Dates page	1		
	Visited an FAQ list Page	5		
	Visited Instagram Page	0		
AWARE	Visited Multiple Project Pages	107		
	Contributed to a tool (engaged)	6		
<i>* A single informed participant can perform multiple actions</i>			<i>* Calculated as a percentage of total visits to the Project</i>	
ENGAGED	205 AWARE PARTICIPANTS			
INFORMED	Participants			
	Water Treatment Plant Class...	205		
AWARE	Visited at least one Page	205		
	<i>* Aware user could have also performed an Informed or Engaged Action</i>			<i>* Total list of unique visitors to the project</i>

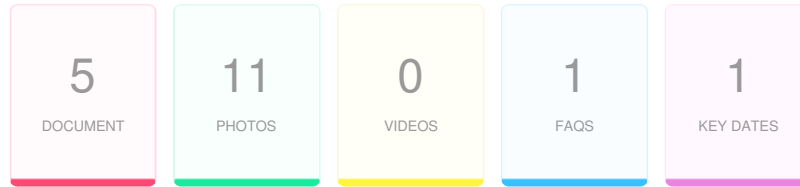
ENGAGEMENT TOOLS SUMMARY



SURVEYS SUMMARY	
1	Surveys
6	Contributors
7	Submissions

TOP 3 SURVEYS BASED ON CONTRIBUTORS
6 Contributors to Presentation and feedback

INFORMATION WIDGET SUMMARY



DOCUMENTS	
5	Documents
15	Visitors
30	Downloads

TOP 3 DOCUMENTS BASED ON DOWNLOADS		
8 Downloads	9 Downloads	6 Downloads
Notice of Digital PIC	Comment Sheet	deleted_document

PHOTOS	
11	Photos
43	Visitors
182	Views

TOP 3 PHOTOS BASED ON VIEWS		
37 Views	27 Views	25 Views
Existing vs. Proposed_Page1.jpg	Existing vs. Proposed_Page2.jpg	Existing vs. Proposed_Page3.jpg

FAQS	
1	Faqs
5	Visitors
5	Views

TOP 3 FAQS BASED ON VIEWS
5 Views
Water Treatment Plant Class EA PIC

KEY DATES	
1	Key Dates
1	Visitors
1	Views

TOP 3 KEY DATES BASED ON VIEWS
1 Views
Water Treatment Plant Class EA PIC

TRAFFIC SOURCES OVERVIEW

REFERRER URL	Visits
m.facebook.com	31
t.co	21
www.collingwood.ca	15
www.google.com	11
www.facebook.com	10
www.google.ca	4
l.facebook.com	2
www.collingwoodtoday.ca	1

SELECTED PROJECTS - FULL LIST

PROJECT TITLE	AWARE	INFORMED	ENGAGED
Water Treatment Plant Class EA PIC	205	113	6

Meeting Notes

March 17, 2020 Meeting with New Tecumseth

To: File

File: 119013

From: Mike Ainley

Date: March 17, 2020

Ref: Town of Collingwood Raymond A. Barker WTP Expansion Class EA

As part of agency consultation of the Class EA process, a virtual meeting was held with the Town of New Tecumseth on March 17, 2020 in order to provide New Tecumseth with a preview of the recommended solution and opinion of cost. This memo is intended as a summary of the meeting's discussion.

Those in attendance at this meeting were:

Peggy Slama (Town of Collingwood)
Ken Kaden (Town of Collingwood)
Mike Ainley (Ainley Group)
Brian Sahely (AECOM)

Blaine Parkin (Town of New Tecumseth)
Lori Bedford (Town of New Tecumseth)
Rick Vatri (Town of New Tecumseth)
Bruce Hoppe (Town of New Tecumseth)
Chad Horan (Town of New Tecumseth)
John Henry (Town of New Tecumseth)

The meeting included a summary of the existing plant processes, upgrade requirements, Phase 1 and Ultimate planning requirements, recommended expansion elements and Phase 1 opinion of cost. (The information provided was the same as the information presented to the public and all agencies and indigenous communities in the virtual PIC which was available online from April 24 – June 1, 2020).

New Tecumseth noted that it would require 23,500 m³/d water supply from the plant sooner than identified in Collingwood's Water and Wastewater Master Servicing Plan (by 2032 instead of 2044). Collingwood indicated that this requirement could be accommodated in the Phase 1 expansion, subject to finalization of the Water Supply Agreement between the Towns.

New Tecumseth noted that their need for additional water supply was urgent and asked how early the Phase 1 expansion could be completed. Collingwood indicated that the earliest the plant could be commissioned would be 2024.

Table 8: Summary of Comments and Responses

NO.	RESPONDENT INFORMATION	COMMENTS RECEIVED	DRAFT RESPONSE / ACTION REQUIRED
AGENCY COMMENTS			
Notice of Commencement – August 15, 2019			
1.	Karla Barboza <i>Team Lead, Heritage</i> Ministry of Tourism, Culture and Sport (416) 314-7120 karla.barboza@ontario.ca	<u>Comment received via email August 15, 2019:</u> “Thanks for sending the notice of commencement for the Collingwood Water Treatment Plant to the Ministry of Tourism, Culture and Sport (MTCS) – Culture Division. Kimberly Livingstone, MTCS Heritage Planner, is assigned to this file [MTCS File 0011264]. She will review the documentation and provide preliminary comments/advice. Please continue to send any notices and information about this project to both Kim and I. In the meantime, we would appreciate if you could send us a digital (electronic) copy of the 2014 (sic) ESR and point us to any information (or website page) about the Master Servicing Plan. These will assist us in formulating our preliminary advice.”	<u>Response provided by Ainley Group on behalf of Town on September 19, 2019:</u> We respectfully advised that the validity of the previous Class EA had expired and as such, the 2004 Report was no longer pertinent; and offered to base any reviews of the project on the most recent Class EA documentation as it became available.
2.	Peter Dorton <i>Senior Project Manager</i> MTO Central Region 159 Sir William Hearst Ave. 7th Floor Toronto, ON M3M 0B7 (416) 235-4280 peter.dorton@ontario.ca	<u>Comment received via email August 21, 2019:</u> “As the R. A. Barker Water Treatment Plant on Raglan St. is beyond MTO permit control area, MTO review / approvals of proposals on this site are not required. Should future works be proposed to supply treated water in proximity to a provincial highway then MTO review and approvals may be required.”	No response required.
3.	Chunmei Liu <i>Regional Environmental Assessment Coordinator</i> Ministry of Environment Conservation and Parks 5775 Yonge Street, 9th Floor North York, ON M2M 4J1 Chunmei.Liu@ontario.ca	<u>Delegating Letter received via email October 24, 2019:</u> The MECP provided a letter that acknowledged the study is following the approved environmental planning process for a Schedule C project under the Municipal Class Environmental Assessment (Class EA). The attached “Areas of Interest” document provided guidance regarding the Ministry’s interests with respect to the Class EA process. The MECP provided a list of Indigenous communities based on information provided to date and the Crown’s preliminary assessment the proponent is required to consult with as potentially affected by the proposed project.	No response required.
4.	Ms. Lee J. Bull <i>Manager, Planning Services</i> Nottawasaga Valley Conservation Authority 8195 8th Line Utopia, ON L0M 1T0 (705) 424-1479 ext. 231 lbull@nvca.on.ca	<u>Comment received via email October 24, 2019:</u> “Nottawasaga Valley Conservation Authority [NVCA] is in receipt of a “Notice of Study Commencement” of a Class Environmental Assessment associated with the Raymond A. Barker Water Treatment Plant Expansion. General Comments: The water treatment plant property is partially regulated by the NVCA for Shoreline Hazards associated with Georgian Bay. In accordance with Ontario Regulation 172/06 (our Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation), a permit will be required from the NVCA prior to any of the following: <ul style="list-style-type: none"> • Construction of any building or structure within the shoreline flood hazard; • Placing fill within an area Regulated by the NVCA; • Straightening, changing, diverting or interfering in any way of the existing channel of a river, creek, stream or watercourse; • Interference with a wetland. General Design Objectives Engineering <ol style="list-style-type: none"> 1. The project should include quality and quantity control measures to treat stormwater runoff from the site in accordance with MECP and NVCA Guidelines. Typically we request that the proponent provide treatment for all new proposed impervious areas and where possible existing road surfaces. Low Impact Development measures are encouraged. 2. All proposed structures (i.e. elevated storage tanks, booster pumping station, etc.) should be planned, and constructed outside of the hazard limits. 3. Water quality treatment (to the enhanced level) should be applied to all new and existing road improvements. Consideration should be given to implementing a treatment train approach. 4. During the detailed design period of this project, all proposed methods to control sedimentation during construction and potential erosion following the completion of the project should be included.” 	A meeting to discuss the NVCA comments and the Class EA in further detail was held December 4, 2019 (see Minutes of Meeting in Appendix H).

		<p>The email continued to provide comments related to hydrogeology and new amendments to the <i>Safe Drinking Water Act, 2002</i> and the <i>Clean Water Act, 2006</i>. These amendments ensure that source protection planning is incorporated early in the municipal residential drinking water supply process.</p> <p>The full email can be found in Appendix I.</p>	
5.	<p>Mr. Ryan Post Manager, Watershed Science Nottawasaga Valley Conservation Authority 8195 8th Line Utopia, ON L0M 1T0 705-424-1479 ext. 249 rpost@nvca.on.ca</p>	<p><u>Comment received via email November 18, 2019:</u></p> <p>"I understand that the Town of Collingwood is undergoing a Class EA regarding the water treatment plant expansion (see attached). Do you happen to know the timelines for the Class EA completion and status for this endeavor? Further, since the notice has already identified the increase in the maximum taking, has any work been completed to update the PTTW?</p> <p>The reason I ask is that depending on the volume change, there may need to be some updating/work under O. Reg 205/18- see attached in order to be in compliance with the clean water act."</p>	<p><u>Response provided by the Town of Collingwood via email November 21, 2019:</u></p> <p>In response to your inquiry regarding the EA currently underway for the Town of Collingwood's water treatment plant. As you have noted the EA is underway, we are hoping to have it completed in late spring/early summer of 2020 such that we could have a design engineer retained by the fall of 2020 to undertake the design of phase 1 of the upgrades we will need at our treatment plant.</p> <p>While the EA does identify the need for increase water taking, this is part of the ultimate design and will not be part of the Phase 1 work. Our PTTW is up for renewal in January 2021 and the current plan is to renew it at the same taking limits as this will satisfy our projected needs for the next 10 years. No new surface water intake or alterations to the existing intake pipe are proposed under Phase 1.</p>
Notice of Public Information Centre (PIC) – March/April 2020			
6.	<p>Peter Dorton Senior Project Manager MTO Central Region</p>	<p><u>Comment received via email April 23, 2020:</u></p> <p>"MTO has no concerns. Permits are not required from us."</p>	No response required.
7.	<p>Rick Vatri, CET Director of Engineering and Development Engineering Department Tel: 705-435-3900 Ext: 1253 RVatri@newtecumseth.ca</p>	<p><u>Comment received via email May 28, 2020:</u></p> <p>"Further to the email below, I have reviewed the PIC boards for the Raymond A Baker WTP expansion and note that the proposed Phase 1 expansion remains at 51,871 m³/day. Could you please confirm that the supply for New Tecumseth as noted below is being accommodated in the Phase 1 expansion."</p>	<p><u>Response provided by the Town of Collingwood via email May 29, 2020:</u></p> <p>Thank you for your inquiry. We will review and address this as part of our responses to questions and comments received during the EA consultation period. By copy of this email we are making our consultant on the EA project aware of your email below.</p> <p><u>Response provided by Ainley Group on behalf of the Town July 2020:</u></p> <p>As referred to in your comment, the Town of Collingwood held a virtual meeting with the Town of New Tecumseth on March 17, 2020 in order to provide New Tecumseth with a preview of the recommended solution. The requirement noted by the Town of New Tecumseth during this meeting; that an increase to 23,500 m³/d water supply from the plant is needed sooner than identified in Collingwood's Water and Wastewater Master Servicing Plan; has been documented in the Draft Environmental Study Report for this Class Environmental Assessment. The Town of Collingwood acknowledges that the timing for an increase to 23,500 m³/d for the Town of New Tecumseth in 2032 differs from that in the Master Servicing Plan (2044) and the Town of Collingwood will accommodate the earlier provision of the additional capacity, subject to finalization of the Water Supply Agreement between the two Towns.</p>
8.	<p>Ms. Lee J. Bull Manager, Planning Services Nottawasaga Valley Conservation Authority 8195 8th Line Utopia, ON L0M 1T0 (705) 424-1479 ext. 231 lbull@nvca.on.ca</p>	<p><u>Comment received via email June 18, 2020:</u></p> <p>Upon completion of the NVCA's review of the PIC Presentation material posted to the Collingwood Engage website, they offered the following comment(s):</p> <p>"1. The existing Water Treatment Plant (WTP) is located at the far northern end of Raglan Street on the shore of Georgian Bay. The site is within the "shoreline hazard limit" and the proposed future expansion of the facility, as indicated in the PIC material, includes construction of a building in close proximity to the shoreline. It is recommended that a qualified coastal engineer be retained during the detailed design process to assess and mitigate the risk of shoreline erosion to the facility.</p>	<p><u>Response provided by Ainley Group on behalf of the Town July 2020:</u></p> <p>The Town of Collingwood will consider the recommendation to retain a Coastal Engineer during final design.</p>

		2. Based on review of the above noted PIC presentation, we have no natural heritage related comments to offer at this stage.”	
Notice of Completion – July 13, 2020			
9.	Ms. Lee J. Bull <i>Manager, Planning Services</i> Nottawasaga Valley Conservation Authority	<u>Comment received via email August 17, 2020:</u> “Upon completion of our review, we offer the following comments: 1. At the present time, there are no Clean Water Act implications. 2. The identification of Significant Drinking Water Threats is the responsibility of the Town of Collingwood Risk Management Official who is internally staffed at the Town. 3. We offer no engineering comments on the ESR. 4. NVCA staff offer no natural heritage related comments or concerns with the proposed works, provided that all mitigation measures discussed in Section 5 of the Natural Environment Technical Report are implemented.” The full and complete email can be found in Appendix J of the ESR.	<u>Response provided by Ainley Group on behalf of the Town on August 24, 2020 via email:</u> We are responding on behalf of the Town of Collingwood to your email dated August 17, 2020. We thank you for your input and we have included your email in the Final ESR for documentation purposes. We acknowledge the requirement of source water protection authority approval before the owner can apply for a drinking water works permit/license. This requirement was included in Section 3.2 of the Draft ESR under the heading of Clean Water Act 2006. We acknowledge that the NVCA has determined that there are no Clean Water Act implications associated with the Project and that the identification of threats to the drinking water source is the responsibility of the Town. We also acknowledge that there are no engineering comments from NVCA at this time and that the NVCA has no natural heritage related comments or concerns provided that mitigation measures outlined in Section 5 of the Natural Environment Technical Report (AECOM) are implemented.
10.	Joseph Harvey Ministry of Heritage, Sport, Tourism and Culture Industries <i>On behalf of</i> Kimberly Livingstone Heritage Planner (A) Heritage Planning Unit Kimberly.Livingstone@ontario.ca	<u>Comment received via email August 17, 2020:</u> The Ministry recommended that the screening checklist for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes be completed as part of the project file. The Ministry’s comments are summarized below: “Given that cultural heritage is one aspect of the environment, a section must be included in the Environmental Study Report to illustrate that this has been addressed in a formal and methodical manner. The purpose of this section is to document the existing conditions and indicate that due diligence has been undertaken for cultural heritage.” “The assessment indicates that the potential for the recovery of archaeological resources has been removed as a result of extensive, deep land alterations associated with previous construction and underground utilities at the site. Based on these findings, no further archaeological work is required. MHSTCI confirms that the Stage 1 archaeological assessment has been reviewed and entered into the Ontario Public Register of Archaeological Reports. We recommend that the MHSTCI letter indicating that the report has been entered into the Register be included in the Appendix.” The full and complete letter can be found in Appendix J of the ESR.	<u>Response provided by Ainley Group on behalf of the Town on September 10, 2020 via email:</u> We are responding on behalf of the Town of Collingwood to your email with attached letter dated August 17, 2020. We thank you for your input and we have addressed your comments in the Final ESR. After completing the screening checklist, it was determined that the Project will have a low potential for negative impact to built heritage resources and cultural heritage landscapes. Although there are some structures and buildings that are more than 40 years old, they are strictly utilitarian for water conveyance and have no cultural heritage value or interest. A new Section has been added to the ESR and the completed checklist is included in Appendix F. A copy of the checklist is attached for your information. We also wish to confirm that a copy of the MHSTCI letter dated July 7, 2020 re: confirmation that the Stage 1 Archaeological Assessment (AECOM) has been entered into the Ontario Public Register for Archaeological Reports is also included in Appendix F.
INDIGENOUS COMMUNITY COMMENTS			
Notice of Commencement – August 15, 2019			
1.	Sharday James <i>Community Consultation Worker, Communications</i> Chippewas of Rama First Nation (705) 325-3611, ex. 1633 shardayj@ramafirstnation.ca	<u>Comment received via email August 16, 2019:</u> “My name is Sharday James and I am the Community Consultation Worker for the Chippewas of Rama First Nation. I am sending this email in regards to a notice we received from you dated August 15 th about the commencement of an EA for the expansion of the Raymond A. Barker Water Treatment Plant in Collingwood. I wanted to thank you for contacting us. At this time we have no comments but we ask that you keep us informed moving forward. I also wanted to let you know that I should be the one who is contacted on any future updates.”	No response required. Contact List was updated.
2.	Juanita Meekins <i>Executive Assistant of Resources and Infrastructure</i> Saugeen Ojibway Nation	<u>Comment received via email August 20, 2019:</u> “The Saugeen Ojibway Nation Environment Office would like further information regarding the September 2004 Environmental Study Report for the expansion of the Raymond A. Barker Water Treatment Plant. We would like information as to the scope of the project and timelines. You can email this information to Doran Ritchie and myself, I will be the contact for this project. I look forward to this information and if you have any questions or concerns my	<u>Response provided by Ainley Group on behalf of the Town on September 19, 2019:</u> We respectfully advised that the validity of the previous Class EA had expired and as such, the 2004 Report was no longer pertinent; and offered to base any reviews of the project on the most recent Class EA documentation as it became

	<p>Environment Office 25 Maadokii Subdivision Neyaashiinigmiing, Ontario NOH 2T0 (519) 534-5507 juanita.meekins@saugeenojibwaynation.ca</p>	<p>contact information is below.”</p> <p><u>Received via email February 11, 2020:</u></p> <p>“Below is a Letter of Agreement between the Saugeen Ojibway Nation (“SON”) Environment Office and The Town of Collingwood. (“the Proponent”) with respect to our mutual goal to set out a framework for consultation and accommodation with SON regarding the Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion SON’s traditional territory. This agreement is intended to support SON’s participation in and provision of input into the technical assessments being undertaken as part of the Class Environmental Assessment process. More specifically, this agreement will allow SON and the Proponent to identify a plan for addressing any potential impacts of the Raymond A. Barker Water Treatment Plant Expansion on SON’s land claims and rights. This will enable a process that ensures appropriate and meaningful consultation and accommodation of SON throughout the life of the Proponent’s proposed operation.”</p> <p>The full and complete letter can be found in Appendix I</p>	<p>available.</p> <p>Saugeen Ojibway Nation Environment Office replied on the same day acknowledging they look forward to reviewing the EA once it was available.</p> <p><u>Response provided by the Town on March 16, 2020:</u></p> <p>“Thank you for providing a Letter of Agreement attached to your email of February 7, 2020 to support SON’s participation in and provision of input into the technical assessments being undertaken as part of the Class EA for the Barker Water Treatment Plant Expansion (“Project”). More specifically, the Letter of Agreement is intended to identify a plan for addressing any potential impacts of the Project.”</p> <p>The letter offered to meet with Ms. Meekins and technical advisors to review any relevant documentation and studies as well as review the existing operations and the Towns plans over the next 5 – 15 years.</p> <p>The full and complete letter can be found in Appendix I</p>
Notice of Public Information Centre (PIC) – March/April 2020			
3.	<p>Maxime Picard <i>Project Coordinator</i> Huron Wendat Nation 255 Place Chef Michel – Laveau Wendake, QC G0A 4V0 Maxime.picard@cnhw.qc.ca</p>	<p><u>Comment received via email March 16, 2020:</u></p> <p>“This is to acknowledge reception of the attached letter on the Raymond A. Barker Water Treatment Plant Expansion Project. Could you please let us know if there is any archaeological assessment anticipated as part of the EA process?”</p>	<p><u>Response provided by the Town of Collingwood via email March 26, 2020:</u></p> <p>“Thank you for your interest in this project. A Stage 1 Archaeological Assessment was completed as part of the Class EA process. The result of the assessment is that the potential for the recovery of archaeological resources has been removed as a result of extensive, deep land alterations associated with previous construction and underground utilities at the site. Based on these findings, no further archaeological work is required. A copy of the Archaeological Assessment will be included in the Environmental Study Report.”</p> <p>Huron Wendat Nation replied on the same day acknowledging response and requested to be kept updated in the event that any further archaeological assessment becomes necessary in the future project phases.</p>
4.	<p>Juanita Meekins <i>Executive Assistant of Resources and Infrastructure</i> Saugeen Ojibway Nation Environment Office 25 Maadokii Subdivision Neyaashiinigmiing, Ontario NOH 2T0 (519) 534-5507 juanita.meekins@saugeenojibwaynation.ca</p>	<p><u>Comment received via email June 10, 2020:</u></p> <p>“Attached are the Saugeen Ojibway Nation review comments for the Raymond A. Baker Water Treatment Plant - Class EA. The main objective of this process is to ensure the Town of Collingwood Municipal Class Environmental Assessment (Class EA) Study for the Raymond A. Barker Water Treatment Plant (WTP) Expansion Work, which proposes to increase approximately three times the water intake and water supply, as well as potentially increase wastewater discharges from this expanded WTP to the open water, will not create potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, the Traditional Way of Live of First Nations Communities - commercial fishery and cultural aspects, environmental/ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Georgian Bay).”</p> <p>The letter continues to provide information related to the SON Consultation Process encompasses reviews and the development of the review comments/concerns associated with the Town Class EA Study for the Raymond A. Barker WTP Expansion and typically consists of 3 Stages, (further detailed in the letter).</p> <p>The full and complete letter can be found in Appendix I.</p>	<p><u>A teleconference meeting was held with Saugeen Ojibway Nation on June 12, 2020</u> to discuss technical studies and the stages of consultation. The meeting minutes from this discussion can be found in Appendix I.</p> <p>A response letter was provided to SON from Ainley on behalf of the Town dated June 15, 2020. A full copy of the letter can be found in Appendix I.</p> <p><u>A follow up letter was sent to SON from Ainley on behalf of the Town on July 13, 2020:</u></p> <p>“We trust you are keeping well and safe in these difficult times. Attached is confirmation from the Ministry of Heritage, Sports, Tourism and Culture Industries that the Stage 1 Archaeological Report pertaining to the expansion of the Collingwood WTP has been entered into the Ontario Public Register of Archaeological Reports.</p> <p>Please note that, as discussed at our June 15, 2020 meeting, the Town will be posting the Notice of Completion of the project on July 16, 2020. We recognize that SON has had limited time to review the Draft ESR to date; and we acknowledge that the SON June 8, 2020 letter stipulates that the ESR cannot be finalized (filed with MECP) prior to obtaining SON’s approval. We look forward to receiving your comments following your review of the Draft ESR and supporting documents.”</p>
Notice of Completion – July 13, 2020			
	<p>Doran Ritchie</p>	<p><u>Comment received July 22, 2020:</u></p>	<p><u>Response provided by Ainley Group on behalf of the Town on September 10,</u></p>

5.	<p><i>Manager of Resources and Infrastructure</i></p> <p>Saugeen Ojibway Nation Environment Office</p> <p>25 Maadokii Subdivision Neyaashiinigmiing, Ontario</p> <p>NOH 2T0</p>	<p>"SON appreciates that in the response letter from Ainley, they acknowledged the SON Consultation Process requirements and expressed a willingness to work together with SON toward achieving an acceptable preferred servicing solution for the Raymond A. Barker WTP Expansion Class EA proposed work and to ensure that any potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, commercial fishery, environmental/ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Bay) will be minimized or completely eliminated. SON reviewed the response letter dated June 15, 2020, and all the above-noted information and reports provided by Ainley on the behalf of the Town of Collingwood."</p> <p>The letter continues to provide a review of the Environmental Study Report (ESR) and associated comments. The full and complete letter can be found in Appendix J of the ESR.</p>	<p>2020 via email:</p> <p>"The Town will work collaboratively with SON to protect SON's Fishery Rights and preserve, maintain and enhance the ecological and environmental health of water quality and water resources functions and features of Georgian Bay to comply with the Aboriginal Treaty Rights."</p> <p>The letter continues to provide responses to each concern or comments and describes commitments for this project. The full and complete letter can be found in Appendix J of the ESR.</p>
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PUBLIC COMMENTS

Notice of Commencement – August 15, 2019

1.	<p>[REDACTED]</p> <p>Tatham Engineering Limited</p> <p>[REDACTED]</p>	<p><u>Comment received via email August 15, 2019:</u></p> <p>"Thank you for including us on your mailing list. Please send any further notifications to me directly."</p>	<p>The Agency Contact List was updated.</p>
2.	<p>[REDACTED]</p> <p>Owner</p> <p>Plan Wells Associates</p>	<p><u>Comment received via email August 22, 2019:</u></p> <p>"Thank you for forwarding this Notice. My email address is [REDACTED] for future notices and the office telephone number is [REDACTED] for your records."</p>	<p>The Agency Contact List was updated.</p>
3.	<p>[REDACTED]</p> <p>Tatham Engineering Limited</p> <p>115 Sandford Fleming Drive Suite 200 Collingwood Ontario L9Y 5A6</p> <p>[REDACTED]</p>	<p><u>Comment received via email August 23, 2019:</u></p> <p>"Thank you for circulating us on the Notice of Study Commencement for the Raymond A. Barker Water Treatment Plant Expansion. On behalf of our Client, [REDACTED], we'd like some clarification on the area that will be serviced by this expansion. The documentation provided indicates "the capacity will be increased from 74.6 MLD to 101.1 MLD for current full build boundary projections and maximum future supply requests by other municipalities". We assume there's a typo and that should refer to the 'built' boundary projections.</p> <p>Our Clients property [REDACTED] is located outside of the built boundary. We have applied for Draft Plan Approval (this site has been previously Draft Plan Approved for many years) and expect the application to go to council shortly. Will the expansion service their development and other 'greenfield' developments? Please advise. We look forward to receiving future information regarding this Class EA process."</p>	<p><u>Response provided by the Town of Collingwood via email September 4, 2019:</u></p> <p>You are correct, this development was included in the MSP as a potential development and therefore will be included in future water demands to be accounted for in the WTP expansion.</p>
4.	<p>[REDACTED]</p> <p>C.F. Crozier & Associates Consulting Engineers</p> <p>40 Huron Street, Suite 301 Collingwood, ON L9Y 4R3</p> <p>[REDACTED]</p>	<p><u>Comment received via email January 6, 2020:</u></p> <p>"Can you please add me to the mailing list for any updates, progress information on the ongoing Class Environmental Assessment - Raymond A. Barker Water Treatment Plant Expansion."</p>	<p>Contact List was updated.</p>

Notice of Public Information Centre (PIC) – March/April 2020

5.	<p>[REDACTED]</p> <p>[REDACTED]</p>	<p><u>Comment received via email March 12, 2020:</u></p> <p>"Hello, As per our telephone conversation, my address is [REDACTED]"</p>	<p>Contact List was updated.</p>
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6.	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p><u>Comment received via email March 17, 2020:</u></p> <p>"I refer to your notice about the March 24 Water Treatment Plan info centre. I assume it has been cancelled. I am very interested and may have comment. Please advise me of the date if it is rescheduled."</p>	<p><u>Response provided by the Town of Collingwood via email March 17, 2020:</u></p> <p>"Thank you for your interest in this project. Yes, unfortunately due to the current circumstances of COVID-19 safety protocols, the Public Information Centre has been postponed. An ad is scheduled to be published in this week's paper indicating that the PIC will be postponed until further notice and that notification will be published when a new date is confirmed. In the meantime, we will add you to our communication list to ensure that you are notified when we are able to reschedule."</p>
7.	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p><u>Comment received via email October March 25, 2020:</u></p> <p>"We have received two pieces of mail from Ainley & Associates regarding the Town of Collingwood Class Environmental Assessment of the Raymond Barker Water Treatment Plant Expansion, which have gone to the wrong address. We own a condominium in [REDACTED], however we live elsewhere in Collingwood. The address that the mail has been sent to is our old address in [REDACTED]. The tax department and the property management company have our current Collingwood address on file, so I am not sure why your records still have our old [REDACTED] address. Henceforth, please ensure that all mail regarding this project is sent to our current address at: [REDACTED]"</p>	<p>Contact List was updated.</p>
8.	<p>[REDACTED]</p> <p>Pro Guard Property Management 391 First Street, Suite 301 Collingwood, Ontario L9Y 1B3</p> <p>[REDACTED]</p>	<p><u>Comment received via email April 28, 2020:</u></p> <p>"I was just made aware that the proposed water plant extension may severely impact the views from [REDACTED]. Can you please pass along a timeline, contacts and any other critical information that I can share with the board of [REDACTED]?"</p>	<p><u>Response provided by the Town of Collingwood via email April 28, 2020:</u></p> <p>"Thank you for your interest in the Water Treatment Plant Expansion. It is an important project for the Town.</p> <p>Notices have been published in the paper and sent to neighbouring residents and stakeholders. Initially there was a plan to have a public meeting were people would be able to view information on what is being proposed and be given the opportunity to ask questions and provide comments either in writing or directly to the staff and our consultants that would be in attendance. Given the current situation with COVID-19 we have had to modify these notices and move this process on line.</p> <p>We are using the Engage Collingwood platform to allow the public to review and comment on the proposed expansion. You can access this site directly at the link below;</p> <p>https://engage.collingwood.ca/water-treatment-plan-class-ea-pic</p> <p>We invite you to review the materials presented, ask questions and provide feedback. Please feel free to follow up with me directly if you have further questions about the process or the project."</p>
9.	<p>Judy Lake judylake48@gmail.com</p>	<p><u>Comment received via email April 27, 2020:</u></p> <p>"You are asking for comments re the expansion of the Water Treatment Plant but the letter I just received from you doesn't provide any information to comment on - ie. size or location of the expansion...what kind of comments are you looking for? I live [REDACTED] so would be interested to know your plans in detail."</p>	<p><u>Response provided by the Town of Collingwood via email April 28, 2020:</u></p> <p>"Thank you for your interest in the Water Treatment Plant Expansion. It is an important project for the Town.</p> <p>Originally the intent of the notices published in the paper and sent out directly to neighbouring residents and stakeholders such as yourself was to make you aware of the project and invite you to a public meeting. There you would be able to view information on what is being proposed and be given the opportunity to ask questions and provide comments either in writing or directly to the staff and our consultants that would be in attendance. Given the current situation with COVID-19 we have had to modify these notices and move this process on line.</p> <p>We are using the Engage Collingwood platform to allow the public to review and comment on the proposed expansion. You can access this site directly at the link below;</p> <p>https://engage.collingwood.ca/water-treatment-plan-class-ea-pic</p>

			We invite you to review the materials presented, ask questions and provide feedback. Please feel free to follow up with me directly if you have further questions about the process or the project.”
10.	Mr. Porter	<p><u>Comment received by voicemail April 27, 2020 (Town’s note to file documenting phone call):</u></p> <p>“I spoke with [REDACTED] this morning. He was having difficulty accessing the Engage web site on Friday but had no trouble today. He had typical questions about schedule and limits of construction which I answered with information that is included in the slides available on line. He had concerns about who was paying for this and who was benefitting but understands the need for the project. He was there when they built the original plant. He thanked me for the call back and I encouraged him to submit any formal questions or comments using the Engage site or by email to me.”</p>	
Notice of Completion – July 13, 2020			
11.	[REDACTED]	<p><u>Comment received via email August 16, 2020:</u></p> <p>“I am sending this email to formally register my concerns regarding the water treatment plant expansion. I own a [REDACTED] Collingwood. The proposed expansion of the water treatment plant will negatively impact the enjoyment of my property. Specifically, the new building will block my view from Sunset Cove.</p> <p>Also, I am skeptical of the contents of the report that states there will be no increased noise level. I expect that with the expanded operation, there indeed will be increased noise from the plant. Even the current level is not satisfactory in my opinion. When sitting outside on [REDACTED] property the noise from the existing operation interferes with the enjoyment of my property.</p> <p>I therefore request the following accommodation. Plant trees between Sunset Cove and the water treatment plant. Tall coniferous trees will provide a more pleasant view than having to look at the building. The trees will also act as a sound barrier and mitigate the noise coming from the water treatment plant.”</p>	<p><u>Response provided by Ainley Group on behalf of the Town on August 24, 2020 via email:</u></p> <p>“We are responding on behalf of the Town of Collingwood to your email dated August 16, 2020. We thank you for your input and we have included your email in the Final ESR for documentation purposes. During the final design of the proposed expansion of the plant, a landscaping plan will be developed for Town approval. Your request for a mature tree screening between the WTP property and the Sunset Cove Condominium will be considered at that time.”</p>

Comments Received



CHIEFS AND COUNCILS SAUGEEN OJIBWAY NATION

Chippewas of Saugeen, RR 1, Southampton ON N0H 2L0 519-797-2781
Chippewas of Nawash, 135 Lakeshore Blvd, Neyaashiinigmiing ON N0H 2T0 519-534-1689

February 7, 2020

SENT VIA EMAIL

Ken Kaden P. Eng. Project Engineering Environmental Services

Re: Notification to SON: Town of Collingwood Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion

Below is a Letter of Agreement between the Saugeen Ojibway Nation (“SON”) Environment Office and The Town of Collingwood. (“the Proponent”) with respect to our mutual goal to set out a framework for consultation and accommodation with SON regarding the Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion SON’s traditional territory. This agreement is intended to support SON’s participation in and provision of input into the technical assessments being undertaken as part of the *Class Environmental Assessment* process. More specifically, this agreement will allow SON and the Proponent to identify a plan for addressing any potential impacts of the Raymond A. Barker Water Treatment Plant Expansion on SON’s land claims and rights. This will enable a process that ensures appropriate and meaningful consultation and accommodation of SON throughout the life of the Proponent’s proposed operation.

LETTER OF AGREEMENT BETWEEN SON AND TOWN OF COLLINGWOOD

This Letter of Agreement (“Agreement”) is made between the Saugeen Ojibway Nation (“SON”) and The Town of Collingwood (“the Proponent”) and their agents to address Aboriginal consultation concerns regarding the potential impact of the proposed Raymond A. Barker Water Treatment Plant Expansion (“The Project”) on SON’s Aboriginal rights and claims.

The Project is Raymond A. Barker Water Treatment Plant Expansion.

The Project is located on lands within SON’s Traditional Territory that are subject to Treaty 45 ½ and may include sensitive species and natural heritage features of specific cultural value to SON. SON may exercise its constitutionally protected rights, both asserted and proven, throughout its Traditional Territory.

The Proponent has notified SON that they are in the beginning of the process to complete technical reviews as required by the Class Environmental Assessment SON has experts in the fields of archaeology, hydrogeology, natural heritage, engineering and the law, to provide expert opinion to the

Project. Technical studies will be peer reviewed by SON experts, then sent to the Proponent (“the Parties”) to properly identify the scope of the Project’s potential impacts on SON’s rights and interests and address those impacts where appropriate.

The Proponent has made available to SON copies of any and all relevant information including studies, reports and any other documents and records.

This Agreement ensures that the Proponent funds SON’s costs for SON’s required involvement in the project. The anticipated costs for SONs involvement are detailed in Schedule 1.

By way of this Agreement, the Proponent agrees to pay SON up to \$5,533.00 and SON agrees to use this payment specifically for the costs detailed in Schedule 1.

SON agrees to provide, to the Proponent, a summary report on the technical review and expenditure of the funds paid under this Agreement within 60 days of receiving the signed agreement or by such other date mutually agreed upon by the Parties.

Please be advised that this Agreement and the provision of funding by the Proponent review *does not* imply that the duty to consult with SON has been satisfied. Once the technical review is complete, we will then determine a consultation and/or environmental protection plan, specific to this Project.

If you agree, please sign and date this Agreement on the lines provided below and email a scanned copy to Juanita Meekins, Assistant to Manager of Resources and Infrastructure, SON Environment Office juanita.meekins@saugeenojibwaynation.ca

Respectfully,



Saugeen Ojibway Nation Environment Office,
Manager of Resources and Infrastructure

I, _____, hereby agree to the terms of the letter of Agreement and its Schedules.

DATE

SIGNATURE

SCHEDULE 1



Saugeen Ojibway Nation – Environment Office

Step 1 Technical Engagement Budget: The Town of Collingwood

Category	Estimated Cost	Notes
Water/Waste Water Engineering Berta Krichker	\$4,650.00	3.1-days review \$1,500.00 per day
SON Disbursements		
Mileage and Travel	\$380.00	
Subtotal	\$5,030.00	
Administration Fee (10%)	\$503.00	
Estimated Total	\$5,533.00	

Jody Marks

From: Dorton, Peter (MTO) <Peter.Dorton@ontario.ca>
Sent: Monday, March 09, 2020 1:49 PM
To: Jody Marks
Subject: RE: Town of Collingwood WTP Expansion Class EA - Notice of PIC

Hi Jody.

MTO has no concerns.
Permits are not required from us.

Thanks,
Peter Dorton
Senior Project Manager
Highway Corridor Management Section – Central Region
Ministry of Transportation
159 Sir William Hearst Avenue, 7th Floor
Toronto, ON M3M 0B7
Tel. (416) 235 - 4280
E-Mail: peter.dorton@ontario.ca
Web: www.mto.gov.on.ca/english/engineering/management/corridor

From: Jody Marks <marks@ainleygroup.com>
Sent: March 9, 2020 1:43 PM
Subject: Town of Collingwood WTP Expansion Class EA - Notice of PIC

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Dear Sir and/or Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant (WTP). The Town has scheduled an upcoming Public Information Centre (PIC) to provide an opportunity for interested parties to review the alternatives developed for the WTP expansion. Please refer to the attached Notice of PIC for further details.

Thank you.

Best Regards,

Jody Marks
Environmental Planner



www.ainleygroup.com

Tel: (705) 726-3371 Ext. 227

CAUTION: The information contained in and/or attached to this transmission is solely for the use of the intended recipient. Any copying, distribution or use by others, without the express written consent of the Ainley Group, is strictly prohibited. The recipient is responsible for confirming the accuracy and completeness of the information with the originator. Please advise the sender if you believe this message has been received by you in error.

From: [Maxime Picard](#)
To: [kkaden](#)
Cc: [Reid Mitchell](#); [Mike Ainley](#); [Jody Marks](#)
Subject: Re: Raymond A. Barker Water Treatment Plant Expansion
Date: Thursday, March 26, 2020 8:53:50 AM
Attachments: [image001.jpg](#)

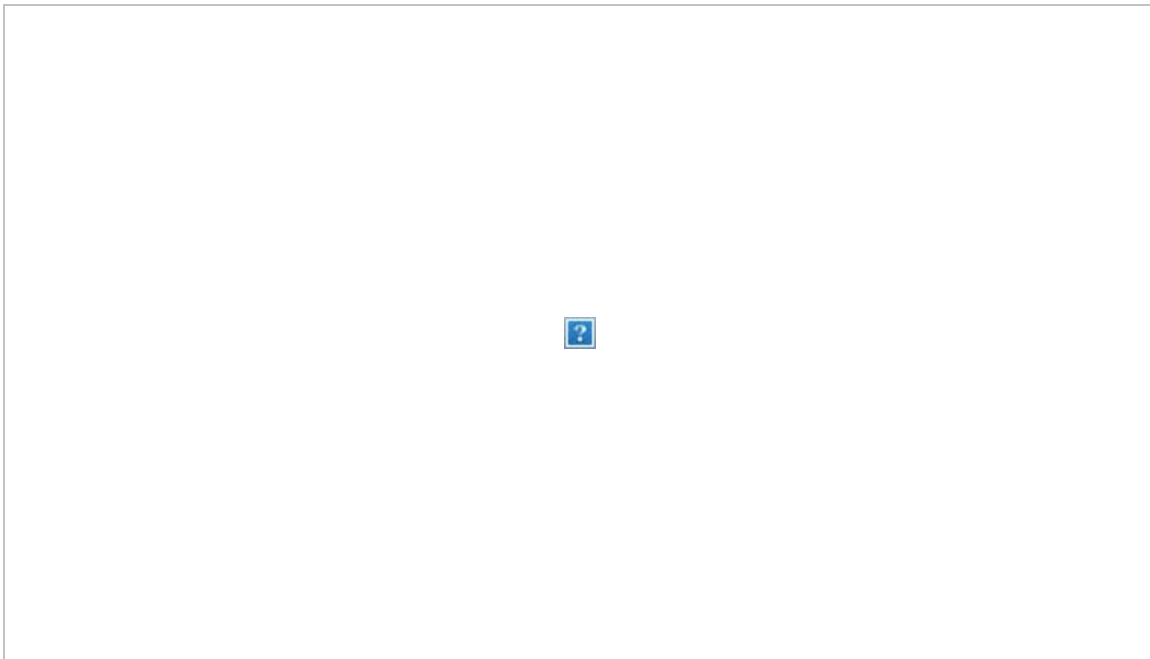
Good morning Ken,

Thanks for following-up quickly.

Please keep the Huron-Wendat Nation updated in the event that any further archaeological assessment become necessary in the future project phases.

Best regards,

Maxime Picard



De: "kkaden" <kkaden@collingwood.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Reid Mitchell" <mitchell@ainleygroup.com>, "ainley m" <ainley.m@ainleygroup.com>, "Jody Marks" <marks@ainleygroup.com>
Envoyé: Jeudi 26 Mars 2020 06:47:49
Objet: RE: Raymond A. Barker Water Treatment Plant Expansion

Maxime,

Thank you for your interest in this project.

A Stage 1 Archaeological Assessment was completed as part of the Class EA process. The result of the assessment is that the potential for the recovery of archaeological resources has been removed as a result of extensive, deep land alterations associated with previous construction and underground utilities at the site. Based on these findings, no further archaeological work is required. A copy of the Archaeological Assessment will be included in the Environmental Study Report.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: Maxime Picard [mailto:maxime.picard@cnhw.qc.ca]
Sent: March-16-20 4:09 PM
To: Ken Kaden <kkaden@collingwood.ca>
Subject: Raymond A. Barker Water Treatment Plant Expansion

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Good afternoon Ken,

This is to acknowledge reception of the attached letter on the Raymond A. Barker Water Treatment Plant Expansion Project.

Could you please let us know if there is any archaeological assessment anticipated as part of the EA process ?

Thanks and best regards,

Maxime Picard

Jody Marks

From: [REDACTED] >
Sent: Monday, March 09, 2020 3:02 PM
To: Jody Marks
Subject: RE: Town of Collingwood WTP Expansion Class EA - Notice of PIC

Thank Jody for keeping us in the loop
[REDACTED]

From: Jody Marks <marks@ainleygroup.com>
Sent: Monday, March 9, 2020 1:43 PM
Subject: Town of Collingwood WTP Expansion Class EA - Notice of PIC

Dear Sir and/or Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant (WTP). The Town has scheduled an upcoming Public Information Centre (PIC) to provide an opportunity for interested parties to review the alternatives developed for the WTP expansion. Please refer to the attached Notice of PIC for further details.

Thank you.

Best Regards,

Jody Marks
Environmental Planner



www.ainleygroup.com

Tel: (705) 726-3371 Ext. 227

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Jody Marks

From: Reid Mitchell <mitchell@ainleygroup.com>
Sent: Thursday, March 12, 2020 2:19 PM
To: 'Ken Kaden'; Jody Marks
Cc: Mike Ainley
Subject: RE: Address correction - WTP EA correspondence

Will do.

Reid Mitchell
Engineering Technologist

www.ainleygroup.com

Tel: (705) 445-3451 Ext. 135

Cell: (705) 444-4837

CAUTION: The information contained in and/or attached to this transmission is solely for the use of the intended recipient. Any copying, distribution or use by others, without the express written consent of the Ainley Group, is strictly prohibited. The recipient is responsible for confirming the accuracy and completeness of the information with the originator. Please advise the sender if you believe this message has been received by you in error.

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

From: Ken Kaden [<mailto:kkaden@collingwood.ca>]
Sent: Thursday, March 12, 2020 11:16 AM
To: Reid Mitchell; Jody Marks
Cc: Mike Ainley
Subject: FW: Address correction - WTP EA correspondence

Reid,

We were contacted by the owner of [REDACTED] Street to be advised that any future correspondence should be mailed to his permanent residence. See email below. Please update his address for future correspondence.

Thanks

Ken Kaden P.Eng.
Project Coordinator, Environmental Services P 705-445-1581 Ext. 3303 | M 705-351-2133 kkaden@collingwood.ca

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

From: Harry Ducker [<mailto:harry@hillsidelakepark.com>]
Sent: March 12, 2020 10:25 AM
To: Tricia Bray
Subject: Address correction

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Hello

As per our telephone conversation

My address is

[REDACTED]

Thanks for your time

[REDACTED]

Sent from my iPhone

Jody Marks

From: Chief Donna Big Canoe <donna.bigcanoe@georginaisland.com>
Sent: Tuesday, March 17, 2020 4:02 PM
To: Jody Marks
Subject: Automatic reply: Town of Collingwood WTP Expansion Class EA - Notice of PIC, Postponed

Please be advised that Chief Donna Big Canoe is out of the office for an extended period of time. All emails will be forwarded to Councillor William McCue until further notice.

Miigwetch,
Chippewas of Georgina Island

From: [Doran Ritchie](#)
To: [Jody Marks](#)
Subject: Out of office Re: Town of Collingwood WTP Expansion Class EA - Notice of PIC, Postponed
Date: Tuesday, March 17, 2020 3:47:28 PM

Thank you for contacting the Saugeen Ojibway Nation Environment Office. I am on leave until further notice but in the meantime, please contact the following staff.

Juanita Meekins, juanita.meekins@saugeenojibwaynation.ca for inquiries related to: **Parks Canada, Aggregates, Municipal Infrastructure and Archeology**

Geewadin Elliot, geewadin.elliott@saugeenojibwaynation.ca for inquiries related to: **Burials and Conservation Easements**

Cindy Ashkewe, execassistant@saugeenojibwaynation.ca for inquires relating to: **Planning Applications and Invoicing**

Please contact Kathleen Ryan, kathleen.ryan@saugeenojibwaynation.ca **for all other inquiries**

Chi-Miigwetch,
Doran

--

Doran Ritchie | Manager of Resources and Infrastructure
Saugeen Ojibway Nation Environment Office
25 Maadookii Subdivision, Neyaashiinigmiing, ON, N0H 2T0
Cell: 519-374-9210 | Office: 519-534-5507 | Fax: 519-534- 5525

From: [Sharday James](#)
To: [Jody Marks](#)
Subject: RE: Town of Collingwood WTP Expansion Class EA - Notice of PIC, Postponed
Date: Tuesday, March 17, 2020 4:17:33 PM
Attachments: [image001.jpg](#)

Thanks for letting me know.

Sharday James

Community Consultation Worker, Communications

Chippewas of Rama First Nation

(ph) 705-325-3611,1633

(cell)

(fax)

(url) www.ramafirstnation.ca

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

 *Please consider the environment before printing this e-mail.*

From: Jody Marks <marks@ainleygroup.com>

Sent: March 17, 2020 3:46 PM

To: Sharday James <shardayj@ramafirstnation.ca>

Subject: Town of Collingwood WTP Expansion Class EA - Notice of PIC, Postponed

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Dear Sharday James,

The attached letter is a follow-up to the previous Notice of Public Information Centre (PIC) that was mailed to you on March 9, 2020. The scheduled PIC has been postponed until further notice.

In an effort to provided adequate notice, please accept this email correspondence.

Thank you.

Best Regards,

Jody Marks
Environmental Planner



www.ainleygroup.com

Tel: (705) 726-3371 Ext. 227

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Wednesday, March 25, 2020 12:06 PM
To: [REDACTED]; Mike Ainley
Cc: Jody Marks; Reid Mitchell
Subject: RE: Wrong Mailing Address

[REDACTED],

My apologies. We will update your address as noted below for any further correspondence related to the Class EA for the water treatment plant.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: [REDACTED]
Sent: March-25-20 11:07 AM
To: Ken Kaden <kkaden@collingwood.ca>; ainley.m@ainleygroup.com
Subject: Wrong Mailing Address

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Dear Ken and Mike -

We have received two pieces of mail from Ainley & Associates regarding the Town of Collingwood Class Environmental Assessment of the Raymond Barker Water Treatment Plant Expansion, which have gone to the wrong address. We own a condominium in [REDACTED], however we live elsewhere in Collingwood. The address that the mail has been sent to is our old address [REDACTED]. The tax department and the property management company have our current Collingwood address on file, so I am not sure why your records still have our old [REDACTED].

Henceforth, please ensure that all mail regarding this project is sent to our current address at:

[REDACTED]

Thank you,

[REDACTED]

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Tuesday, March 17, 2020 10:39 AM
To: [REDACTED]
Cc: Reid Mitchell; Mike Ainley; Jody Marks
Subject: RE: Water Treatment Plant Information Centre

Good morning [REDACTED],

Thank you for your interest in this project. Yes unfortunately due to the current circumstances of COVID-19 safety protocols, the Public Information Centre has been postponed.

An ad is scheduled to be published in this weeks paper indicating that the PIC will be postponed until further notice and that notification will be published when a new date is confirmed.

In the meantime we will add you to our communication list to ensure that you are notified when we are able to reschedule.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: [REDACTED]
Sent: March-17-20 9:59 AM
To: Ken Kaden <kkaden@collingwood.ca>
Subject: Water Treatment Plant Information Centre

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I refer to your notice about the March 24 Water Treatment Plan info centre. I assume it has been cancelled. I am very interested and may have comment. Please advise me of the date if it is rescheduled.

[REDACTED]

[REDACTED]

Jody Marks

From: Dorton, Peter (MTO) <Peter.Dorton@ontario.ca>
Sent: Thursday, April 23, 2020 3:11 PM
To: Jody Marks
Subject: Re: Town of Collingwood WTP Expansion Class EA - Notice of Digital PIC

Hi Jody.

MTO has no concerns.
Permits are not required from us.

Thanks,
Peter Dorton
Senior Project Manager
Highway Corridor Management Section – Central Region
Ministry of Transportation
159 Sir William Hearst Avenue, 7th Floor
Toronto, ON M3M 0B7
Tel. (416) 235 - 4280
E-Mail: peter.dorton@ontario.ca
Web: www.mto.gov.on.ca/english/engineering/management/corridor

From: Jody Marks <marks@ainleygroup.com>
Sent: April 23, 2020 2:59 PM
Subject: Town of Collingwood WTP Expansion Class EA - Notice of Digital PIC

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Dear Sir and/or Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant. The Public Information Centre (PIC) previously scheduled for March 24 2020, will now be held through digital engagement. Please refer to the attached Notice of PIC for further details.

Thank you.

Best Regards,

Jody Marks
Environmental Planner



www.ainleygroup.com

Tel: (705) 726-3371 Ext. 227

CAUTION: The information contained in and/or attached to this transmission is solely for the use of the intended recipient. Any copying, distribution or use by others, without the express written consent of the Ainley Group, is strictly prohibited. The recipient is responsible for confirming the accuracy and completeness of the information with the originator. Please advise the sender if you believe this message has been received by you in error.

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Thursday, June 18, 2020 7:50 AM
To: Lee Bull; Mike Ainley
Cc: Morgen Wilson; Reid Mitchell; Jody Marks; Heather McGinnity
Subject: RE: Raymond A. Barker Water Treatment Plant Expansion Schedule C Class Environmental Assessment - NVCA ID # 37757

Lee,

Thank you for these comments we will address these as part of our ESR.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: Lee Bull [<mailto:lbull@nvca.on.ca>]
Sent: June-18-20 7:40 AM
To: Ken Kaden <kkaden@collingwood.ca>; ainley.m@ainleygroup.com
Cc: Morgen Wilson <mwilson@nvca.on.ca>
Subject: Raymond A. Barker Water Treatment Plant Expansion Schedule C Class Environmental Assessment - NVCA ID # 37757

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Good morning Ken

Nottawasaga Valley Conservation Authority [NVCA] staff appreciates the opportunity to provide further input on the above noted Environmental Assessment.

NVCA staff has reviewed the following:

- "Town of Collingwood – Raymond A. Barker Water Treatment Plant Expansion Schedule C Class Environmental Assessment – Public Information Centre", AECOM & Ainley, Posted Friday April 24 2020.

Upon completion of our review, we offer the following comment(s):

Engineering

1. The existing Water Treatment Plant (WTP) is located at the far northern end of Raglan Street on the shore of Georgian Bay. The site is within the “shoreline hazard limit” and the proposed future expansion of the facility, as indicated in the PIC material, includes construction of a building in close proximity to the shoreline. It is recommended that a qualified coastal engineer be retained during the detailed design process to assess and mitigate the risk of shoreline erosion to the facility.

Ecology

2. Based on review of the above noted PIC presentation, we have no natural heritage related comments to offer at this stage.

We trust the foregoing is of assistance to you. Please feel free to contact the undersigned should you wish to discuss these comments.

Sincerely,

Lee J. Bull, MCIP, RPP | Manager, Planning Services

Nottawasaga Valley Conservation Authority

8195 8th Line, Utopia, ON L0M 1T0

T 705-424-1479 ext. 231 | F 705-424-2115

lbull@nvca.on.ca | nvca.on.ca

I am currently working remotely as the Nottawasaga Valley Conservation Authority is taking preventative measures to limit the spread of COVID-19. You may experience some delays or disruptions as we follow recommendations of health professionals to slow the virus from spreading.

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From: [Ken Kaden](#)
To: [Rick Vatri](#); [Peggy Slama](#)
Cc: [Blaine Parkin](#); [Bruce Hoppe](#); [Lori Bedford](#); [John Henry](#); [Mike Ainley](#); [Reid Mitchell](#); [Jody Marks](#)
Subject: RE: Collingwood Water Supply
Date: Friday, May 29, 2020 12:51:57 PM
Attachments: [image001.gif](#)

Rick,

Thank you for your inquiry. We will review and address this as part of our responses to questions and comments received during the EA consultation period.

By copy of this email we are making our consultant on the EA project aware of your email below.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: Rick Vatri [<mailto:RVatri@newtecumseth.ca>]
Sent: May-28-20 2:07 PM
To: Peggy Slama <pslama@collingwood.ca>; Ken Kaden <kkaden@collingwood.ca>
Cc: Blaine Parkin <bparkin@newtecumseth.ca>; Bruce Hoppe <bhoppe@newtecumseth.ca>; Lori Bedford <lbedford@newtecumseth.ca>; John Henry <jhenry@newtecumseth.ca>
Subject: RE: Collingwood Water Supply

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Hi Peggy and Ken,

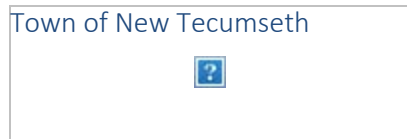
Further to the email below, I have reviewed the PIC boards for the Raymond A Baker WTP expansion and note that the proposed Phase 1 expansion remains at 51,871 m³/day. Could you please confirm that the supply for New Tecumseth as noted below is being accommodated in the Phase 1 expansion.

Regards,

Rick Vatri, CET

Director of Engineering and Development
Engineering Department

Tel: 705-435-3900 Ext: 1253
Web: www.newtecumseth.ca



From: Rick Vatri
Sent: March 20, 2020 4:11 PM
To: Peggy Slama <pslama@collingwood.ca>; Ken Kaden <kkaden@collingwood.ca>
Cc: Blaine Parkin (bparkin@newtecumseth.ca) <bparkin@newtecumseth.ca>; Bruce Hoppe (bhoppe@newtecumseth.ca) <bhoppe@newtecumseth.ca>; Lori Bedford <lbedford@newtecumseth.ca>; John Henry <jhenry@newtecumseth.ca>
Subject: Collingwood Water Supply

Hi Peggy and Ken,

Further to our WebEx this past Tuesday, March 17, 2020, it was noted in the AECOM Technical Memorandum, Rev 4, that Table 4 identifies New Tecumseth as receiving 18,250 m³/day from the WTP by 2038. During the meeting it was acknowledged that the Town had been asking for a flow of 23,500 m³/day. It was requested that New Tecumseth provide a chart of their anticipated flows and associated timeline. Please see below:

Projected Water Supply from Collingwood	
Year	m ³ /day
2020	9,500
2023	13,440
2028	20,500
2031	20,500
2032	23,500
2038	23,500

Please let me know if you have any questions.

Regards,

Rick Vatri, CET

Director of Engineering and Development
Engineering Department
Tel: 705-435-3900 Ext: 1253
Web: www.newtecumseth.ca

June 8, 2020

Ken Kaden, P.Eng
Project Engineer,
Environmental Services
The Town of Collingwood
43 Steward Road
Collingwood, ON L9Y 4N7

Dear Mr Kaden:

**Re: Saugeen Ojibway Nation Preliminary Review Comments for
Town of Collingwood Municipal Class Environmental Assessment Study
Raymond A. Barker Water Treatment Plant Expansion
In Accordance with SON Consultation Process**

The Saugeen Ojibway Nation (SON) acknowledges receiving on August 23, 2019, a letter from the Town of Collingwood's Consultant, Ainley and Associates Limited/AECOM, together with a Notice of Study Commencement for the Town of Collingwood Municipal Class Environmental Assessment Study for the Raymond A. Barker Water Treatment Plant Expansion.

In March of 2020, SON was working on developing the preliminary review comments for this Class EA presented below that we intended to forward to the Town of Collingwood (the Town) and the Town Consultants Ainley/AECOM by the end of March 2020. However, due to COVID-19 requirements and work restrictions, the SON comments were delayed and only now have been finalized.

SON CONSULTATION PROCESS

The main objective of this process is to ensure the Town of Collingwood Municipal Class Environmental Assessment (Class EA) Study for the Raymond A. Barker Water Treatment Plant (WTP) Expansion Work, which proposes to increase approximately three times the water intake and water supply, as well as potentially increase wastewater discharges from this expanded WTP to the open water, will not create potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, the Traditional Way of Live of First Nations Communities - commercial fishery and cultural aspects, environmental/ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Georgian Bay).

The SON Consultation Process encompasses reviews and the development of the review comments/concerns associated with the Town Class EA Study for the Raymond A. Barker WTP Expansion and typically consists of 3 Stages as follows:

- **STAGE 1** - undertake preliminary/conceptual reviews and comments of all provided support information/documentation and reports that may include, but not be limited to, planning, archaeological, environmental, technical, cultural, natural heritage-terrestrial/aquatic, environmental, ecological, hydrogeological, water resources, geotechnical and legal reports, which sometimes includes a legal review of the potential impacts of the project on rights and land claims (reviews completed prior to finalizing reviews);

- **STAGE 2** - final review by SON Environment Office staff and SON's technical experts of all provided support information, reports and clarifications associated with the proposed projects, permits, policies, recommendations/solutions and OP Amendments Waste Management Policies provided changes/recommendations and reports to SON leadership regarding all critical planning, technical/environmental, economic and land use aspects of the project; SON will determine reasonable, suitable consultation, the required economical accommodation, may undertake all necessary discussions with the proponent/municipality and SON leadership and/or if it is necessary, an (environmental) protection agreement, short or long-term, shall be developed.
- **STAGE 3** - the implementation and monitoring work review details (if it is required), agreements which arise from the SON leadership discussion (upon acceptance of the proposed OP Amendments-Waste Management Polices and provided changes/recommendations by SON).

SON PRELIMINARY REVIEW – COMMENTS AND CONCERNS

'The Duty to Consult' with First Nations: The Town of Collingwood is required to fulfill 'the duty to consult' obligations with First Nations under the EAA to meet its legal obligations under the Aboriginal Rights Law.

The First Nations Consultation Process is an independent consultation process for EA projects under Aboriginal Rights Law and is required to be undertaken by proponents. This responsibility has been delegated to proponents by the Crown/the Province of Ontario.

This First Nations EA consultation process must include the participation of First Nation communities for EA projects. First Nation communities require being part of EA discussions, consultations, decision making and economic agreements and benefits.

'The duty to consult' with First Nations represents one of the major requirements of the review process, and Aboriginal consultation is a legal requirement that goes beyond "stakeholders engagement". Any federal and provincial funding for the project, if any matching federal and provincial funds are being used, and under the common law applying to Aboriginal right contexts. General 'stakeholders' information is not sufficient for Aboriginal consultation processes.

The consultation process, and specifically the First Nations consultation process, is considered the most important requirement for the Municipal Class EA Process under the Environmental Assessment Act (EAA).

Saugeen Ojibway Nation Objectives: To ensure that the Class EA recommended, preferred solution/option will not have any substantial adverse impacts on water volume and quality, aquatic and fishery life, the environmental/ecological health of the water resources system of Georgian Bay. Specifically, no adverse impacts on SON's commercial fishery, aquatic life and the environmental ecological health and conditions of the water resources and the shore land that is essential to SON communities. In order to protect SON's Fishery Rights, it is critical to preserve, maintain and enhance the ecological and environmental health of water quality and water resources functions and features of Georgian Bay to comply with the Aboriginal Treaty Rights.

It should be noted that the preliminary comments presented in this correspondence are based on the previously limited information provided to SON by the Town's Consultants that included: the Ainley/AECOM project introducing letter and the Notice of Commencement of this Class EA WTP Expansion. It should be also noted that the Ministry of Environment Conservation and Parks (MECP) identifies that First Nation's consultation required by the Class EA process under the Environmental Assessment Act (EEA) must ensure that sufficient information is provided to First Nations to enable the First Nation to identify what rights and interests may be impacted by the proposal; to identify and evaluate impacts; and to determine what accommodations may be necessary.

SON is committed to work with the Town of Collingwood and its Consultants to successfully complete this Class EA to all parties mutual satisfaction and to proceed with the implementation and construction of the proposed work in accordance with the Class EA finalized recommended preferred option-solution accepted by SON.

At the present time, the proponent/consultant has not provided SON with the important detailed information such as: an evaluation of the existing and future Municipal Water Supply Class EA water demands; evaluations/completed studies of existing environmental/ecological and water resources conditions; evaluations of existing geotechnical, hydrogeological, existing environmental/ecological conditions and the water balance assessments; the proposed consideration for the required mitigation works associated with the above-noted issues and the proposed intake and discharges increases associated to the WTP Expansion proposed works.

Therefore, we wish to identify SON's preliminary concerns/comments associated with potential adverse impacts by the proposed project and ask for the following additional information:

- identify the conceptual technical information associated with the proposed increase of the water demand/intake and all potential works modifications associated with the intake system works in the open water (the potential modifications to the location, the type of the intake system and its components, existing and future hydraulic conditions);
- identify considerations and conceptual mitigation measures to preserve, maintain and improve the surface water quality and ensure that the above-noted water quality will not be adversely impacted by the proposed WTP Expansion work under the construction and/or under the post-construction work stages;
- confirm and provide justifications that the proposed WTP Expansion work will not adversely impact fish habitat and aquatic life and will ensure that the required protection of the natural heritage system (features and functions) will be evaluated and implemented in accordance with the recommended Class EA solution;
- confirm and provide the justifications/assessments that the proposed WTP Expansion work will not adversely impact any existing archaeological conditions;
- confirm and provide justifications that the proposed WTP Expansion work will not adversely impact and will undertake all necessary measures to ensure that SON commercial fishing will be preserved;
- confirm and provide justifications that the potential increase of wastewater discharges related to the operation and maintenance from the proposed WTP Expansion site to the open water will not be adversely impact the receiving open water, fishery and aquatic systems;
- confirm and provide justifications that the proposed WTP Expansion work will not adversely impact the base flow, hydrogeological/water balance conditions, specifically during dry weather conditions;

- confirm and provide justifications for a review that climate change conditions will be incorporated in the recommended solution of this Class EA;
- provide confirmation that the Conceptual Erosion and Sediment Control Plan and the required measures will be developed and be included in the recommended solution of this Class EA; and
- confirm and provide justifications that the water quality monitoring program for the surface water of the open water areas within the vicinity of the subject site will be developed and be included in the ESR recommended solution for this Class EA; this water quality monitoring program needs to include two major components: the basic water chemistry parameters in accordance with the MECP requirements under Ontario Water Resources Act (OWRA) and biological (BioMap) monitoring components for measuring and reporting on the surface water quality under the pre and post-construction conditions for the work proposed in this Class EA

First Nation - SON Consultation Plan

1. Meet the requirements as 'duty to consult' in accordance with SON's Consultation Process Protocol, practices and vision/traditional knowledge;
2. Provide SON with the fund capacity and the required agreements to participate in the requested review;
3. Consult and conduct meetings with SON, the Town's Consultant; and
4. Obtain SON's acceptance for the recommended solution for the Town's Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion

If, at the time of SON's final review completion, the SON Environment Office and leadership determine that no negative impacts will occur within its Territory or adjacent lands/water resources system, and/or those impacts can be sufficiently mitigated, SON will agree to provide a letter withdrawing any objections to proceeding. If the review determines that negative impacts will occur, SON will proceed with a draft consultation and accommodation/economical plan and a meeting with the proponent to discuss the matter further.

We look forward to working together to complete this project successfully.

Respectfully,

**Doran Ritchie /Manager of Resources and Infrastructure
Saugeen Ojibway Nation (SON) Environment Office**

Cc: Mike Ainley P.Eng., PMP-Project Manager Ainley Group

From: Ken Kaden <kkaden@collingwood.ca>

Sent: April 28, 2020 2:49 PM

To: [REDACTED]

Cc: John Velick <jvelick@collingwood.ca>; Mike Ainley <ainley.m@ainleygroup.com>

Subject: RE: Water Treatment Plant extension

Good afternoon [REDACTED],

John forwarded me your email below. Thank you for your interest in the Water Treatment Plant Expansion. It is an important project for the Town.

Notices have been published in the paper and sent to neighbouring residents and stakeholders. Initially there was a plan to have a public meeting where people would be able to view information on what is being proposed and be given the opportunity to ask questions and provide comments either in writing or directly to the staff and our consultants that would be in attendance. Given the current situation with COVID-19 we have had to modify these notices and move this process on line.

We are using the Engage Collingwood platform to allow the public to review and comment on the proposed expansion. You can access this site directly at the link below;

<https://engage.collingwood.ca/water-treatment-plan-class-ea-pic>

We invite you to review the materials presented, ask questions and provide feedback. Please feel free to follow up with me directly if you have further questions about the process or the project.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: John Velick

Sent: April-28-20 1:19 PM

To: Ken Kaden <kkaden@collingwood.ca>

Subject: FW: Water Treatment Plant extension

Importance: High

Hi Ken – I think this should have come to you – see below.

John

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

John Velick P.Eng.
Manager, Engineering Services

Town of Collingwood
P.O. Box 157, 545 Tenth Line North
Collingwood, ON L9Y 3Z5
705-445-1292 Ext. 4209
jvelick@collingwood.ca | www.collingwood.ca

From: [REDACTED]
Sent: April 28, 2020 11:44 AM
To: John Velick <jvelick@collingwood.ca>
Cc: [REDACTED]
Subject: Water Treatment Plant extension
Importance: High

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Hi John,

I was just made aware that the proposed water plant extension may severely impact the views from [REDACTED]. Can you please pass along a timeline, contacts and any other critical information that I can share with the board of [REDACTED]

Thank you,

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Jody Marks

From: kkaden
Sent: Tuesday, April 28, 2020 7:00 AM
To: [REDACTED]; Mike Ainley
Subject: RE: Water Treatment Expansion

Good morning [REDACTED],

Thank you for your interest in the Water Treatment Plant Expansion. It is an important project for the Town.

Originally the intent of the notices published in the paper and sent out directly to neighbouring residents and stakeholders such as yourself was to make you aware of the project and invite you to a public meeting. There you would be able to view information on what is being proposed and be given the opportunity to ask questions and provide comments either in writing or directly to the staff and our consultants that would be in attendance. Given the current situation with COVID-19 we have had to modify these notices and move this process on line.

We are using the Engage Collingwood platform to allow the public to review and comment on the proposed expansion. You can access this site directly at the link below;

<https://engage.collingwood.ca/water-treatment-plan-class-ea-pic>

We invite you to review the materials presented, ask questions and provide feedback. Please feel free to follow up with me directly if you have further questions about the process or the project.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services P 705-445-1581 Ext. 3303 | M 705-351-2133 kkaden@collingwood.ca

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

From: [REDACTED]]
Sent: April-27-20 5:06 PM
To: Ken Kaden <kkaden@collingwood.ca>; ainley.m@ainleygroup.com
Subject: Water Treatment Expansion

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

You are asking for comments re the expansion of the Water Treatment Plant but the letter I just received from you doesn't provide any information to comment on - ie. size or location of the expansion...what kind of comments are you looking for? I live in the [REDACTED] the water plant so would be interested to know your plans in detail.

Sincerely,
[REDACTED]

From: [Ken Kaden](#)
To: [Kate Hicks](#)
Cc: [Heather McGinnity](#)
Subject: RE: Voicemail from "PORTER N R" <7054445360>

Kate,

I spoke with [REDACTED] this morning. He was having difficulty accessing the Engage web site on Friday but had no trouble today.

He had typical questions about schedule and limits of construction which I answered with information that is included in the slides available on line. He had concerns about who was paying for this and who was benefitting but understands the need for the project. He was there when they built the original plant.

He thanked me for the call back and I encouraged him to submit any formal questions or comments using the Engage site or by email to me.

This will likely be the first of many similar calls.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

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

From: Kate Hicks
Sent: April-27-20 11:02 AM
To: Ken Kaden <kkaden@collingwood.ca>
Subject: FW: Voicemail from "PORTER N R" <7054445360>

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

From: Voicemail System [<mailto:vm@asterisk.collingwood.ca>]
Sent: April 27, 2020 10:53 AM
To: Kate Hicks
Subject: Voicemail from [REDACTED]

Kate Hicks,

There is a new voicemail in mailbox 3320:

From: [REDACTED] >
Length: 0:31 seconds
Date: Monday, April 27, 2020 at 10:52:46 AM

Dial *97 to access your voicemail by phone.

Responses Provided

TOWN OF COLLINGWOOD



Ken Kaden
43 Stewart Road, P.O Box 157
Collingwood, ON L9Y 3Z5
Tel: (705)445-1581 ext. 3303
kkaden@collingwood.ca

March 16, 2020

Juanita Meekins, Executive Assistant of Resources and Infrastructure
Saugeen Ojibway Nation Environment Office
25 Maadokii Subdivision Neyaashiinigiing, Ontario N0H 2T0

Dear Ms. Meekins,

Thank you for providing a Letter of Agreement attached to your email of February 7, 2020 to support SON's participation in and provision of input into the technical assessments being undertaken as part of the Class EA for the Barker Water Treatment Plant Expansion ("Project"). More specifically, the Letter of Agreement is intended to identify a plan for addressing any potential impacts of the Project.

By way of background, the construction of the Raymond A. Barker Water Treatment Plant was completed in 1999 and has been in operation since that time. The Class EA is being conducted to assess the preferred solution for the expansion of water treatment capacity. While the proposed project anticipates certain infrastructure works such as expansion of existing buildings and addition of new structures both above and below grade, all works are wholly contained within the existing treatment plant property and upon lands owned by the Town of Collingwood. Moreover, the Project does not involve any change to the raw water intake and we will continue to operate within the existing volumes of water permitted under the current Permit to Take Water (PTTW) issued by the Ministry of Environment, Conservation and Parks (MECP) on January 28, 2011. No amendment to the PTTW is required under this proposal. As such we do not anticipate any environmental impacts associated with the Project as proposed on the traditional or treaty lands of the SON.

We appreciate SON would like to participate in the process to ensure that any potential impacts to its lands and its rights are avoided and to the extent they cannot be avoided, mitigated. In light of this, we would be happy to meet with you and your technical advisors to review any relevant documentation and studies to assist in your review. As part of this meeting we would be happy to review the existing operations and the Town's plans over the next 5 – 15 years. We will plan to bring along our technical experts to answer any questions you may have. If after this meeting you still require an independent review or assessment of the technical reports, we would be happy to fund such review as requested to the sum of \$5533.00.

Please provide some dates if which you are available to meet in the coming weeks.

Sincerely,

Ken Kaden, P.Eng.
Project Coordinator, Environmental Services

cc: Brian Sahely, AECOM (by email)
Reid Mitchell, Ainley Group (by email)
Mike Ainley, Ainley Group (by email)



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 ▪ Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

July 3, 2020

File No. 119013

Re: **Town of Collingwood**
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Public Information Centre – Response to Comment Received

Dear Ms. Bull:

We are responding on behalf of the Town of Collingwood to your comment received on June 18, 2020 responding to the Notice of Public Information Centre. We have highlighted your main comment below:

“The existing Water Treatment Plant (WTP) is located at the far northern end of Raglan Street on the shore of Georgian Bay. The site is within the “shoreline hazard limit” and the proposed future expansion of the facility, as indicated in the PIC material, includes construction of a building in close proximity to the shoreline. It is recommended that a qualified coastal engineer be retained during the detailed design process to assess and mitigate the risk of shoreline erosion to the facility.”

RESPONSE: The Town of Collingwood will consider the recommendation to retain a Coastal Engineer during final design,.

We trust this is satisfactory; however, if there are aspects that require further clarification, please contact the undersigned or Ken Kaden, P. Eng., Project Coordinator, Environmental Services, Town of Collingwood via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley', written in a cursive style.

Mike Ainley, P. Eng., PMP
Project Manager
ainley.m@ainleygroup.com

cc: Ken Kaden, Town of Collingwood



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 ▪ Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

July 3, 2020

File No. 119013

Re: **Town of Collingwood
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Public Information Centre – Response to Comment Received**

Dear Mr. Vatri:

Thank you for your interest in the above noted project. We are responding on behalf of the Town of Collingwood to your comment received on May 29, 2020 during the Notice of Public Information Centre period. We have recorded your comment and question in the project file:

“I have reviewed the PIC boards for the Raymond A. Baker WTP expansion and note that the proposed Phase 1 expansion remains at 51,871 m³/day. Could you please confirm that the supply for New Tecumseth as noted below (email dated March 20, 2020) is being accommodated in the Phase 1 expansion.”

RESPONSE: As referred to in your comment, the Town of Collingwood held a virtual meeting with the Town of New Tecumseth on March 17, 2020 in order to provide New Tecumseth with a preview of the recommended design. The requirement noted by the Town of New Tecumseth during this meeting; that an increase to 23,500 m³/d water supply from the plant is needed sooner than identified in Collingwood’s Water and Wastewater Master Servicing Plan; has been documented in the Draft Environmental Study Report for this Class Environmental Assessment. The Town of Collingwood acknowledges that the timing for an increase to 23,500 m³/d for the Town of New Tecumseth in 2032 differs from that in the Master Servicing Plan (2044) and the Town of Collingwood will accommodate the earlier provision of the additional capacity, subject to finalization of the Water Supply Agreement between the two Towns.

We trust this is satisfactory; however, if there are aspects that require further clarification, please contact the undersigned or Ken Kaden, P. Eng., Project Coordinator, Environmental Services, Town of Collingwood via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley', is written over a light blue horizontal line.

Mike Ainley, P. Eng., PMP
Project Manager
ainley.m@ainleygroup.com

cc: Ken Kaden, Town of Collingwood

June 15, 2020

File No. 119013

Doran Ritchie /Manager of Resources and Infrastructure
Saugeen Ojibway Nation (SON) Environment Office
25 Maadokii Subdivision Neyaashiinigmiing, Ontario N0H 2T0

Ref: Town of Collingwood
Water Treatment Plant Expansion Class EA

Dear Mr. Ritchie:

On behalf of the Town of Collingwood, we are responding to your letter dated June 8, 2020 regarding the above-mentioned Class EA for an expansion of the Water Treatment Plant (WTP) in Collingwood. We have reprinted your comments below in Italics for ease of reference and we provide our responses following each comment.

The main objective of this process is to ensure the Town of Collingwood Municipal Class Environmental Assessment (Class EA) Study for the Raymond A. Barker Water Treatment Plant (WTP) Expansion Work, which proposes to increase approximately three times the water intake and water supply, as well as potentially increase wastewater discharges from this expanded WTP to the open water, will not create potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, the Traditional Way of Live of First Nations Communities - commercial fishery and cultural aspects, environmental/ ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Georgian Bay).

It is proposed to expand the water supply in two Phases. Phase 1 will increase the supply to approximately 52000 m³/d which in combination with flows required for in-plant processing is less than the approved water taking as defined by the currently approved Provincial Permit To Take Water (68250 m³/d). The ultimate expansion will increase the water supply to approximately 101000 m³/d which, in the future, will require a new Permit To Take Water at that time. The intake structure and pipe were likely constructed in the 1950s and have an expected life of more than 100 years. The Town inspects the intake on a regular basis (annually). Copies of Inspection Reports from the past three years have been provided to SON. It is recognized that SON. is concerned about the issue of emergency repairs and the potential for impact to fish habitat and water quality in the Bay. Based on the Town's regular inspections and considering that the intake is a rather uncomplicated structure, it is felt that the need for emergency repairs in the future is very unlikely. If a new intake is required in the future, based on Town growth, all approvals will be obtained.

It is acknowledged that there will be an increase in the amount of wastewater produced at the WTP. However, we wish to advise that the Town's Wastewater Treatment Plant currently has additional capacity to accommodate this increase in flow. All sanitary wastewater produced at the WTP will be directed to the Town's sanitary collection system. Membrane backwash wastewater will be directed to equalization tanks for disposal back into the Bay as long as it meets MECP requirements (≤ 25 mg/L TSS). The quality will be monitored and should TSS exceed the MECP limit, it will be diverted to the sanitary collection system.

The goal of the Class EA planning process is to identify any potential adverse impacts associated with the proposed expansion and to mitigate those impacts as much as possible. We note that the Phase 1 expansion will not require any work within Nottawasaga Bay, nor will there be any disruption of the existing shoreline. Mitigation measures will be implemented during construction to limit the flow of sediment to the Bay and to protect the existing aquatic life and fish habitat. Several analyses have been completed and the results/findings are documented in background Reports. Copies of the following Reports have recently been provided to SON.

- Master Servicing Plan, Cole Engineering Ltd., December 2019
- Existing Plant Performance/Capacity Assessment, AECOM Canada Ltd., September 2019
- Condition Assessment, AECOM Canada Ltd., September 2019
- Natural Environment Technical Report, AECOM Canada Ltd., September 2019
- Stage 1 Archaeological Assessment, AECOM Canada Ltd., September 2019
- Alternatives Selection Technical Memorandum, AECOM Canada Ltd., April 2020

The SON Consultation Process encompasses reviews and the development of the review comments/concerns associated with the Town Class EA Study for the Raymond A. Barker WTP Expansion and typically consists of 3 Stages as follows:

- **STAGE 1** - undertake preliminary/conceptual reviews and comments of all provided support information/documentation and reports that may include, but not be limited to, planning, archaeological, environmental, technical, cultural, natural heritage-terrestrial/aquatic, environmental, ecological, hydrogeological, water resources, geotechnical and legal reports, which sometimes includes a legal review of the potential impacts of the project on rights and land claims (reviews completed prior to finalizing reviews);
- **STAGE 2** - final review by SON Environment Office staff and SON's technical experts of all provided support information, reports and clarifications associated with the proposed projects, permits, policies, recommendations/solutions and OP Amendments Waste Management Policies provided changes/recommendations and reports to SON leadership regarding all critical planning, technical/environmental, economic and land use aspects of the project; SON will determine reasonable, suitable consultation, the required economical accommodation, may undertake all necessary

discussions with the proponent/municipality and SON leadership and/or if it is necessary, an (environmental) protection agreement, short or long-term, shall be developed.

- **STAGE 3** - *the implementation and monitoring work review details (if it is required), agreements which arise from the SON leadership discussion (upon acceptance of the proposed OP Amendments- Waste Management Polices and provided changes/recommendations by SON).*

The Town acknowledges the Consultation Process and is prepared to work with SON to complete the reviews.

SON PRELIMINARY REVIEW – COMMENTS AND CONCERNS

'The Duty to Consult' with First Nations: *The Town of Collingwood is required to fulfill 'the duty to consult' obligations with First Nations under the EAA to meet its legal obligations under the Aboriginal Rights Law.*

Acknowledged

The First Nations Consultation Process is an independent consultation process for EA projects under Aboriginal Rights Law and is required to be undertaken by proponents. This responsibility has been delegated to proponents by the Crown/the Province of Ontario.

Acknowledged

This First Nations EA consultation process must include the participation of First Nation communities for EA projects. First Nation communities require being part of EA discussions, consultations, decision making and economic agreements and benefits.

Acknowledged

'The duty to consult' with First Nations represents one of the major requirements of the review process, and Aboriginal consultation is a legal requirement that goes beyond "stakeholders engagement". Any federal and provincial funding for the project, if any matching federal and provincial funds are being used, and under the common law applying to Aboriginal right contexts. General 'stakeholders' information is not sufficient for Aboriginal consultation processes.

Acknowledged. The Town is prepared to consult with SON.

The consultation process, and specifically the First Nations consultation process, is considered the most important requirement for the Municipal Class EA Process under the Environmental Assessment Act (EAA).

Acknowledged

Saugeen Ojibway Nation Objectives: *To ensure that the Class EA recommended, preferred solution/option will not have any substantial adverse impacts on water volume and quality, aquatic and fishery life, the environmental/ ecological health of the water resources system of Georgian Bay. Specifically, no adverse impacts on SON's commercial fishery, aquatic life and the environmental ecological health and conditions of the water resources and the shore land that is essential to SON communities. In order to protect SON's Fishery Rights, it is critical to preserve, maintain and enhance the ecological and environmental health of water quality and water resources functions and features of Georgian Bay to comply with the Aboriginal Treaty Rights.*

Although there will be no construction work within the Bay as part of Phase 1 of the plant expansion, it is recognized that construction activities immediately adjacent to the Bay will have the potential to impact water quality which could negatively affect the fishery. In that regard, the mitigation measures proposed by the Town will be put into place throughout construction. The effectiveness of these measures will be monitored during construction and, if necessary, will be retained following construction.

The Town currently samples raw water from the intake in accordance with MECP requirements. During construction, sampling of surface water runoff from the construction site will be monitored for sediment content as part of the construction mitigation plan. The ESR will describe the requirements of the erosion control plan as a mitigation measure. The preparation of drawings for the proposed erosion control measures will be provided as part of the detailed design.

It should be noted that the preliminary comments presented in this correspondence are based on the previously limited information provided to SON by the Town's Consultants that included: the Ainley/AECOM project introducing letter and the Notice of Commencement of this Class EA WTP Expansion. It should be also noted that the Ministry of Environment Conservation and Parks (MECP) identifies that First Nation's consultation required by the Class EA process under the Environmental Assessment Act (EEA) must ensure that sufficient information is provided to First Nations to enable the First Nation to identify what rights and interests may be impacted by the proposal; to identify and evaluate impacts; and to determine what accommodations may be necessary.

The Town will continue to provide SON with information on the proposed Project. Information was made available on the Town's Engage platform from mid April until the end of May 2020 for public and review agency comment. That information was recently provided directly to SON by email. We note that a telephone conference call was held with SON staff on Friday June 12, 2020 at which time, general information was presented and SON.'s initial questions were answered. Minutes of that conference call were recorded.

SON is committed to work with the Town of Collingwood and its Consultants to successfully complete this Class EA to all parties mutual satisfaction and to proceed with the implementation and construction of the proposed work in accordance with the Class EA finalized recommended preferred option-solution accepted by SON.

Acknowledged

At the present time, the proponent/consultant has not provided SON with the important detailed information such as: an evaluation of the existing and future Municipal Water Supply Class EA water demands; evaluations/completed studies of existing environmental/ecological and water resources conditions; evaluations of existing geotechnical, hydrogeological, existing environmental/ecological conditions and the water balance assessments; the proposed consideration for the required mitigation works associated with the above-noted issues and the proposed intake and discharges increases associated to the WTP Expansion proposed works.

Background reports as listed above, have been made available for SON's review. This was discussed and minuted during the telephone conference call of June 12.

Therefore, we wish to identify SON's preliminary concerns/comments associated with potential adverse impacts by the proposed project and ask for the following additional information:

- *identify the conceptual technical information associated with the proposed increase of the water demand/intake and all potential works modifications associated with the intake system works in the open water (the potential modifications to the location, the type of the intake system and its components, existing and future hydraulic conditions);*

The proposed works are identified in the material that was made available on the Town's Engage platform from mid April until the beginning of June. SON was provided with a copy of the Notice of PIC and was informed of the Engage Collingwood information. Material presented as part of the PIC was later provided to SON directly by email.

No in-water works are proposed for the completion of the Phase 1 expansion. It is noted that the Phase 1 expansion was based on the currently approved rating of the Permit To Take Water. It is also noted that the existing intake structure and pipe are hydraulically designed to provide a much greater water flow than the currently approved water taking. In order to allow the Ultimate water taking, a new Permit To Take Water will be required in the future. At that time, the Town will provide all required engineering documentation to the MECP in support of the increased water taking.

- *identify considerations and conceptual mitigation measures to preserve, maintain and improve the surface water quality and ensure that the above-noted water quality will not be adversely impacted by the proposed WTP Expansion work under the construction and/or under the post-construction work stages;*

Mitigation measures will be outlined in the Draft ESR which will be available for public review in July. SON will be provided with that information as soon as possible.

- *confirm and provide justifications that the proposed WTP Expansion work will not adversely impact fish habitat and aquatic life and will ensure that the required*

protection of the natural heritage system (features and functions) will be evaluated and implemented in accordance with the recommended Class EA solution;

No in-water work is proposed for the Phase 1 expansion of the WTP. Mitigation measures for on-land construction work will be provided to SON for review. These measures are proposed to protect fish habitat and aquatic life. An assessment of the Natural Heritage system has been completed and a copy of the Report was recently provided to SON for review.

- *confirm and provide the justifications/assessments that the proposed WTP Expansion work will not adversely impact any existing archaeological conditions;*

An assessment of the Natural Heritage system has been completed and a copy of the Report was recently provided to SON for review.

- *confirm and provide justifications that the proposed WTP Expansion work will not adversely impact and will undertake all necessary measures to ensure that SON commercial fishing will be preserved;*

No in-water work is proposed for the Phase 1 expansion of the WTP. Mitigation measures for on-land construction work will be provided in the ESR for SON review. These measures are proposed to protect fish habitat and aquatic life.

- *confirm and provide justifications that the potential increase of wastewater discharges related to the operation and maintenance from the proposed WTP Expansion site to the open water will not be adversely impact the receiving open water, fishery and aquatic systems;*

All wastewater produced by the WTP will be directed to the Town's sanitary collection system for treatment at the Wastewater Treatment Plant (WWTP). The WWTP has spare capacity to handle the increased flow and the effluent from the WWTP meets the requirements of the MECP.

- *confirm and provide justifications that the proposed WTP Expansion work will not adversely impact the base flow, hydrogeological/water balance conditions, specifically during dry weather conditions;*

The proposed water taking is for municipal use in the Town of Collingwood, The Town of the Blue Mountains and New Tecumseth as well as the Township of Clearview. All of those municipalities have wastewater treatment plants with ultimate effluent discharge to Nottawasaga Bay. Therefore, there will be no impact to the hydrogeological/water balance conditions in the Bay.

- *confirm and provide justifications for a review that climate change conditions will be incorporated in the recommended solution of this Class EA;*

Climate change mitigation measures will be discussed in the ESR and define the need to design for a 100-year storm including wave uprush from the Bay.

- *provide confirmation that the Conceptual Erosion and Sediment Control Plan and the required measures will be developed and be included in the recommended solution of this Class EA; and*

Erosion and sediment control measures are discussed in the Mitigation section of the Draft ESR. These requirements will be defined in more detail during the design stage and will be required as part of the construction.

- *confirm and provide justifications that the water quality monitoring program for the surface water of the open water areas within the vicinity of the subject site will be developed and be included in the ESR recommended solution for this Class EA; this water quality monitoring program needs to include two major components: the basic water chemistry parameters in accordance with the MECP requirements under Ontario Water Resources Act (OWRA) and biological (BioMap) monitoring components for measuring and reporting on the surface water quality under the pre and post-construction conditions for the work proposed in this Class EA*

A surface water quality monitoring program is proposed in the ESR. The details of the monitoring program will be defined in more detail as part of final design.

First Nation - SON Consultation Plan

1. *Meet the requirements as 'duty to consult' in accordance with SON's Consultation Process Protocol, practices and vision/traditional knowledge;*
2. *Provide SON with the fund capacity and the required agreements to participate in the requested review;*
3. *Consult and conduct meetings with SON, the Town's Consultant; and*
4. *Obtain SON's acceptance for the recommended solution for the Town's Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion*

Acknowledged

If, at the time of SON's final review completion, the SON Environment Office and leadership determine that no negative impacts will occur within its Territory or adjacent lands/water resources system, and/or those impacts can be sufficiently mitigated, SON will agree to provide a letter withdrawing any objections to proceeding. If the review determines that negative impacts will occur, SON will proceed with a draft consultation and accommodation/ economical plan and a meeting with the proponent to discuss the matter further.

Acknowledged

We wish to thank you for your input into this Class EA planning process and want to assure you that we will endeavour to provide all of the information you require to complete your review.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read "Michael W. Ainley". The signature is fluid and cursive, with the first name being more prominent.

Michael W. Ainley, P. Eng., PMP
Vice President, Corporate Affairs
Project Manager

cc. Juanita Meekins, SON
Berta Krichker, SON
Ken Kaden, Town of Collingwood
Heather McGinnity, Town of Collingwood

Meeting Notes

June 12, 2020 Meeting with Saugeen Ojibway Nation

MEETING WITH SAUGEEN OJIBWAY NATION

MEETING MINUTES

PROJECT: The Town of Collingwood
Updated Class EA for the R. A. Barker Water Treatment Plant Expansion
Ainley Job No. 119013

DATE: June 12, 2020

LOCATION: Bell Teleconference Meeting

TIME: 10:00 a.m. – 10:45 a.m.

PRESENT: Juanita Meekins, Saugeen Ojibway Nation
Berta Krichker, Saugeen Ojibway Nation
Ken Kaden, Town of Collingwood
Heather McGinnity, Town of Collingwood
Mike Ainley, Ainley Group
Reid Mitchell, Ainley Group
Jody Marks, Ainley Group

DISTRIBUTION: All Present

1. Call to Order

The meeting was called to order at 10:00am.

2. Purpose of Meeting

Ainley acknowledge receipt of the letter from Saugeen Ojibway Nation (SON) dated June 8, 2020 and thanked them for providing detailed comments. The purpose of this meeting was to discuss the project status and next steps.

3. Project Background

Ainley identified that the original supply plant for the Town of Collingwood and the intake were built approximately in the 1950s or earlier, and in 1999 the membrane filtration plant was added on the same site. The plant currently services the Town of Collingwood, the Town of New Tecumseth, and the Town of the Blue Mountains. The Town of Collingwood completed a Master Servicing Plan (MSP) in 2019, and the plan recommends expansion on the same site to support growth in all serviced communities. The MSP included a Public Information Centre (PIC) held in March 2019, a Notice of Completion published in December 2019, and the finalization of the MSP and filing with the Ministry of Environment, Conservation and Parks (MECP) January 2020. The MSP satisfies Phase 1 and 2 of the Municipal Class Environmental Assessment (MCEA) requirements for the plant expansion.

SON informed the group that they did not provide comments on the MSP.

Ainley described the tasks completed to date under Phase 3 of this Class EA. During Phase 3 evaluations of the proposed design concepts were completed and the information presented to the

public during a virtual PIC. The information material was available online from April 24, 2020 to June 1, 2020. Prior to the start date of the virtual PIC period, a Notice of PIC was sent to all agencies, residents and to the Saugeen Ojibway Nation Environmental Office. SON acknowledged receipt of the presentation material that was emailed directly to them by the Town of Collingwood after June 1.

From SON's review of presentation material, it is their understanding that the existing water supply is between 27,000 and 31,000m³/day and in Phase 1 of the expansion that amount will be increased to approximately 51,000 m³/day. SON expressed concerns that this increase will require in-water work in the Bay or along the shoreline.

Ainley acknowledged that SON's understanding of the existing plant capacity was correct but further explained that the current Permit to Take Water (PTTW) authorizes a taking of approximately 68,000 m³/day. The proposed increase in capacity associated with Phase 1 of the expansion is within the current PTTW and no in-water work is required.

4. Description of Planned Expansion

Ainley provided an overview of the plant expansion, referencing the conceptual drawings provided in the PIC presentation material:

- A new low lift pumping station would be installed that will replace the existing building where the intake water enters the plant (currently a gravity fed system).
- A new membrane building would be constructed (east of the existing plant), within property boundaries.
- A chlorine contact reservoir would be built just north of the existing membrane building, with UV disinfection facilities on top of this reservoir.
- Some pumps in the high lift pump room would be replaced to get extra capacity and the remainder of the existing building would be repurposed to include extra office space.
- The existing membranes would be decommissioned and a new membrane system for the full capacity would be installed in the new building.

SON asked for further details regarding the wastewater equalization tanks. Ainley noted that any on-site sanitary sewage will flow directly into the Town's sewage collection system. Membrane backwash water directed to the wastewater equalization tanks will not contain a high level of solids and will be monitored to ensure the quality of water discharged to the Bay meets the Provincial standard of 25mg/L TSS. If the monitors indicate the TSS in the water to be discharged from the equalization tanks is higher than 25 mg/L, the water will automatically be diverted directly to the sanitary sewage system.

5. Summary of ESR Support Documents that have been completed

Ainley noted that all the supporting documents summarized below can be provided to SON if desired, further noting that a copy of the MSP can also be provided.

- Condition Assessment
 - This report provides general information on the building structure and condition of associated infrastructure.
- Plant Performance Capacity Assessment
 - An assessment was done on the current plant operation and limitations. The report concluded that the plant can be operated to its current rated capacity, but an expansion is required to increase capacity.

- Natural Environment Assessment
 - Field investigations and background review were completed. Information was obtained on known natural environment features and species records.
 - The Ministry of Natural Resources and Forestry (MNR) was consulted.
 - The conclusion was that there are no designated natural environment features or areas (e.g., significant wetlands, etc.) or ecological communities within the study area. Potential impacts to noted species at risk or their habitat are considered low with implementation of proper mitigation measures.
- Stage 1 Archaeological Assessment
 - Extensive previous construction and underground utilities installations have been completed on the site.
 - As a result, there is no potential for the recovery of archaeological resources. Therefore, no further archaeological work is required.
- Alternatives Selection Technical Memorandum
 - Describes each alternative developed for the membrane and disinfection components of the expansion.
 - Provides an explanation of the screening criteria and evaluation scoring prior to selecting the recommended solution.

6. Additional Information Required by Saugeen Ojibway Nation

SON thanked the project team for the information provided to date and would like to receive a copy of all the supporting documents.

ACTION ITEM: Ainley

SON asked if the intake had sufficient capacity for ultimate expansion. Ainley noted that the current intake system can accommodate flow rates in excess of 120,000 m³/day. At this time, it is expected this will be sufficient to accommodate the ultimate expansion; however, this will be confirmed prior to that expansion. As such, there are no plans to modify or replace the intake system in either the first or Ultimate phase of the expansion. Ainley also noted that if there was a need for replacement or repair the work will be required to go through comprehensive approvals and notifications.

SON acknowledged the long life expectancy of the intake. They confirmed that they were satisfied with the commitment to undertake work in the proposed two stages and were pleased that no in-water work is planned or anticipated. Their concern would be an emergency situation that would permit in-water work without acquiring approvals. This situation is a concern to SON with respect to potential impacts to the aquatic habitat and water quality when working in open waters. The Town noted that the intake is inspected annually and the recommendations from the inspections implemented, with the latest inspection deeming the intake to be in serviceable condition with no upgrades or repairs recommended. Ainley noted that the Town's measures ensure that the intake life expectancy continues to be extended beyond the foreseeable horizon and that the annual inspections conducted by the Town will mitigate the likelihood of an emergency occurrence.

Ainley will provide SON with a copy of the most recent intake inspection report.

ACTION ITEM: Ainley

SON asked if the Town is currently sampling the raw water to monitor water quality and the Town confirmed that it is sampling raw water regularly in compliance with MECP requirements.

SON expressed concern that during construction activities for the Phase 1 expansion, some sediment could wash into the Bay and asked if there will be a monitoring program in place to ensure water quality is not compromised. Ainley responded that there are typical mitigation measures for sediment

control listed in the MCEA document and as a minimum these measures, including recommended monitoring, will be included in the Environmental Study Report (ESR).

Further to this, SON's June 8, 2020 letter to the Town indicated that a conceptual erosion and sediment control plan should be in principle identified in the ESR. Ainley reiterated that the ESR will summarize and expand on the erosion and sediment mitigation measures listed in the MCEA document and will clearly stipulate that detailed site erosion and control plans shall be developed during detailed design. SON acknowledged this was an acceptable approach subject to their review on the Draft ESR.

Given the close proximity to the shore, SON asked if the project takes into consideration climate change, noting that the increase in extreme weather events increased the risk of the treatment chemicals being washed into open water. Ainley confirmed that the ESR will provide a discussion on climate change and propose mitigation measures, including stipulating that all buildings be built above the 100-year storm elevation. SON acknowledged that this was acceptable.

7. Next Steps/Schedule

The following identifies the proposed next steps/schedule

- Ainley to meet with Town to discuss initial Draft ESR and Draft Notice of Completion *June 25, 2020*
- Receive pre-Notice of Completion comments (Saugeen Ojibway Nation, MECP, NVCA, etc.) *July 10, 2020*
- Finalize Draft ESR and Notice of Completion; Publish Notice and Issue letter *July 16, 2020*

SON expressed concern with their limited time in the schedule to review the ESR document after receiving it. Ainley noted that the Town would like to proceed with issuing the Notice of Completion, with the understanding based on SON's July 8, 2020 letter that SON must sign off on the ESR before it can be finalized and filed with MECP. Therefore, the July 10th receipt of pre-Notice of Completion comments from SON is a target that should not necessarily delay issuing the Notice of Completion, since comments can continue to be received during the 30-day review period. Ainley noted that the MSP as well as the ESR support documents, which contain all the information that will form the basis of the ESR, will be submitted to SON next week. Ainley will also try to meet with the Town before June 25th and soon after forward the Draft ESR to SON ahead of schedule. For their part, SON agreed to make every effort to accommodate the schedule outlined.

It was agreed that a hard copy of each supporting document will be mailed to SON by Ainley on the Town's behalf before the end of next week (June 19th). Ms. Berta Krichker will provide the Town with a mailing address.

ACTION ITEM: Ainley/Saugeen Ojibway Nation

It was further agreed that, in addition to hard copies, Ainley will send SON the digital files of the supporting documents as well as a lasting link to the MSP document on the Town's website. The digital files will be sent to the email of Ms. Juanita Meekins by end of day Monday June 15, 2020.

ACTION ITEM: Ainley/Town of Collingwood

8. Adjournment

This meeting was adjourned at 10:45 a.m.

Minutes prepared by J. Marks and finalized by:

A handwritten signature in black ink, appearing to read "M.W. Ainley". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

M.W. Ainley, P. Eng, PMP
Ainley & Associates Limited

From: [Berta Krichker](#)
To: [Mike Ainley](#)
Cc: [Juanita Meekins](#); [kkaden](#); [Heather McGinnity](#); [Reid Mitchell](#); [Jody Marks](#)
Subject: Re: 119013 Collingwood WTP Class EA - Meeting Minutes
Date: Tuesday, June 16, 2020 9:13:36 AM

Good morning bMike,

I acknowledge that we receive the formation, as it was outlined in our telephone discussions the last Friday. Thank you very much for the provided information.

Best regards,

Berta Bella Krichker, M.Eng., P.Eng., F.E.C.

On Jun 15, 2020, at 11:41 AM, Mike Ainley <ainley.m@ainleygroup.com> wrote:

Hi Juanita, Berta, Ken, Heather, Jody and Reid,

I tried sending several emails with various attachments which have been getting kicked back due to size limitations. I believe I have separated the attachments enough now that everyone has received all the information, but please confirm that all of you have received all the following attachments:

- Existing Plant Performance/Capacity Assessment, AECOM Canada Ltd., September 2019
- Condition Assessment, AECOM Canada Ltd., September 2019
- Natural Environment Technical Report, AECOM Canada Ltd., September 2019
- Stage 1 Archaeological Assessment, AECOM Canada Ltd., September 2019
- Alternative Selection Technical Memorandum, AECOM Canada Ltd., April 2020
- Inspection of Water Intake Facilities reports, Watech Services Inc. (May 2019)
- Inspection of Water Intake Facilities reports, Watech Services Inc. (June 2018)
- Inspection of Water Intake Facilities reports, Watech Services Inc. (May 2017)

My apologies for the confusion.

Regards,

Mike Ainley, P.Eng., PMP
Vice President, Corporate Affairs
<[image001.jpg](#)>

www.ainleygroup.com

Tel: (705) 445-3451 Ext. 136

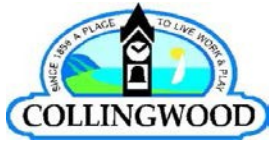
CAUTION: The information contained in and/or attached to this transmission is solely for the use of the

intended recipient. Any copying, distribution or use by others, without the express written consent of the Ainley Group, is strictly prohibited. The recipient is responsible for confirming the accuracy and completeness of the information with the originator. Please advise the sender if you believe this message has been received by you in error.

Appendix J

NOTICE OF STUDY COMPLETION

- **July 16 and 23, 2020 Notice of Study Completion**
- **July 13, 2020 Mail Out of Notice of Study Completion to Adjacent Residents, Review Agencies and Indigenous Communities and Agencies**
- **Agency Mailing List**
- **Comments Received and Associated Responses from Notice of Study Completion**



Town of Collingwood Schedule 'C' Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion NOTICE OF COMPLETION

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing in 2019, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.

The Raymond A. Barker WTP is located on Raglan Street as illustrated on the accompanying map. The service area being considered under the Class EA includes the Town of Collingwood, and supply requests from the Town of the Blue Mountains, Town of New Tecumseth and Township of Clearview.

A virtual Public Information Centre (PIC) was conducted using the Engage Collingwood platform from April 24, 2020 until June 1, 2020.

Through this platform, the digital PIC provided an opportunity for all interested parties to review the alternatives developed for the WTP expansion and submit questions and comments regarding the project to the study team. Concluding the PIC period and review of comments received, the selected Preferred Solution is to repurpose the existing membrane building, construct a new low lift pumping station, construct a new membrane building, proceed with new UV disinfection, chlorinate in new contact chambers and undertake associated upgrades to the other existing facilities in the plant. The expansion in the capacity of the plant will be undertaken in two phases (Phase 1 and Ultimate) to meet the future anticipated water supply requirements. The opinion of capital cost of the Phase 1 expansion of the plant is \$65 million (2020 dollars). A further expansion will be necessary to meet the Ultimate water supply requirements. Funding for the Phase 1 expansion will be provided through the Town's Allocated Water Reserve Fund (funded through water rates), Development Charges, and contributions from other Municipalities in accordance with Water Agreements.



Environmental Study Report

In accordance with the Schedule 'C' Municipal Class EA process, a Draft Environmental Study Report (ESR) has been prepared to document the Class EA process completed for this undertaking and by this Notice is being placed in the public record for a 30 day public review and comment period. A digital copy of the Draft ESR will be available on the Town of Collingwood's website at www.collingwood.ca on July 16, 2020.

If you have any outstanding concerns regarding this project, please contact Mr. Ken Kaden of the Town of Collingwood by **August 17, 2020**. If concerns regarding this project cannot be resolved with the municipality, a person or party may request that the Minister of Environment make an order for the project to comply with Part II of the *Environmental Assessment Act* (referred to as a Part II Order), which addresses individual environmental assessments. To submit a Part II Order request, please complete the Ministry of the Environment, Conservation and Parks *Part II Order Request Form*. The form must be submitted by **August 17, 2020** to the parties and addresses shown below:

**Minister
Ministry of the Environment,
Conservation and Parks**
777 Bay Street, 5th Floor
Toronto ON M7A 2J3
Minister.mecp@ontario.ca

**Director, Environmental
Assessment Branch
Ministry of the Environment, Conservation
and Parks**
135 St. Clair Ave W, 1st Floor
Toronto ON M4V 1P5
enviopermissions@ontario.ca

**Ken Kaden, P. Eng.
Project Coordinator,
Environmental Services**
Town of Collingwood
(705)-351-2133
kkaden@collingwood.ca

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

This notice was issued on July 13, 2020.

Photo Credit
Dave West

Town of Collingwood Weekly Town Page



Thursday, July 16, 2020

Schedule 'C' Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion

Project Background

Following the completion of the Master Servicing Plan (MSP) for Water and Sanitary Servicing in 2019, the Town of Collingwood has continued with the Class Environmental Assessment planning process to identify and assess options to increase the Town's water treatment capacity. The MSP document identifies the need to expand the existing Raymond A. Barker Water Treatment Plant (WTP) to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.



NOTICE OF COMPLETION

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Minister

Ministry of the Environment, Conservation and Parks

777 Bay Street, 5th Floor
Toronto, ON, M7A 2J3
Minister.mecp@ontario.ca

Director, Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks

135 St. Clair Ave W, 1st Floor
Toronto, ON, M4V 1P5
enviropermissions@ontario.ca

Ken Kaden, P. Eng.

Project Coordinator, Environmental Services Town of Collingwood

705-351-2133
kkaden@collingwood.ca

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

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If you require an accessible format of any Town Page ad, please contact communications@collingwood.ca

Thursday, July 23, 2020

Schedule 'C' Class Environmental Assessment Raymond A. Barker Water Treatment Plant Expansion

Project Background

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Ministry of the Environment, Conservation and Parks

777 Bay Street, 5th Floor
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Director, Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks

135 St. Clair Ave W, 1st Floor
Toronto, ON, M4V 1P5
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Ken Kaden, P. Eng.

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Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Provincial & Federal Agencies										
Mr.	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@canada.ca
Ms.	Chunmei	Liu	Environmental Resource Planner & EA Coordinator - Air, Pesticides and Environmental Planner (<i>Barrie, Orillia & County of Simcoe</i>)	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
Hon.	Jeff	Yurek	Minister	Ministry of the Environment, Conservation and Parks	77 Wellesley Street West	11th Floor	Toronto, ON	M7A 2T5		minister.mecp@ontario.ca
			Director, Environmental Assessment and Permissions Branch	Ministry of the Environment, Conservation and Parks	135 St. Clair Avenue West	1st Floor	Toronto, ON	M4V 1P5		moeccpermissions@ontario.ca
Mr.	Dan	Thompson	Acting - District Manager	Midhurst District Ministry of Natural Resources and Forestry	2284 Nursery Road		Midhurst, ON	L0L 1N8	705-725-7561	dan.l.thompson@ontario.ca
Ms.	Karla	Barboza	Team Lead, Heritage	Ministry of Tourism, Culture & Sport	401 Bay Street	Suite 1700	Toronto, ON	M7A 0A7	416-314-7120	karla.barboza@ontario.ca
Ms.	Kimberly	Livingstone		Ministry of Tourism, Culture & Sport	402 Bay Street	Suite 1701	Toronto, ON	M7A 0A8		Kimberly.Livingstone@ontario.ca
Ms.	Annelies	Eckert	Rural Planner	Ontario Ministry of Agriculture, Food and Rural Affairs	6484 Wellington Rd. 7	Unit 10	Elora, ON	N0B 1S0	519-827-6040	Anneleis.eckert@ontario.ca
Mr.	Peter	Dorton	Senior Project Manager	Ministry of Transportation, Corridor Management Section	159 Sir William Hearst Avenue	Bldg. D, 7th Floor	Toronto, ON	M3M 0B7	416-235-4280	peter.dorton@ontario.ca
Mr.	Michael	Lindsay	Manager Major Projects, Roads & Transit	Infrastructure Ontario	777 Bay Street	6th Floor, Suite 602	Toronto, ON	M5G 2C8	416-327-8037	michael.lindsay@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
			Fish Habitat Biologist	Department of Fisheries and Ocean	867 Lakeshore Road		Burlington, ON	L7S 1A1	905-336-4999	info@dfo-mpo.gc.ca
Ms.	Karen	Lorente		Ontario Clean Water Agency	30 Woodland Drive		Wasaga Beach, ON	L9Z 2V4		
Local Government, Adjacent Municipalities & Other Agencies										
Mr.	Christian	Meile	Director, Transportation Construction & Maintenance	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	christian.meile@simcoe.ca
Mr.	Dave	Parks	Director, Planning, Development & Tourism	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6	705-726-9300	dave.parks@simcoe.ca
Ms.	Cathy	Clark	Manager of Emergency Planning	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		cathy.clark@simcoe.ca
Mr.	Mark	Aitken	CAO	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		mark.aitken@simcoe.ca
Mr.	Allan	Greenwood	Director, Corporate Communications	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		allan.greenwood@simcoe.ca
Ms.	MaryAnn	Hunt	Planner III, Planning Department	County of Simcoe	1110 Highway 26 West		Midhurst, ON	L9X 1N6		maryann.hunt@simcoe.ca
Mr.	Fareed	Amin	CAO	Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	cao@collingwood.ca
Mr.	Adam	Farr	Director, Planning Services	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	afarr@collingwood.ca
Mr.	Dean	Collver	Director, Parks, Recreation & Culture	Town of Collingwood	545 Tenth Line North	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1292	dcollver@collingwood.ca
Mr.	Chris	Hibberd	Director, Watershed Management Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0	705-424-1479	c.hibberd@nvca.on.ca

**Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
Ms.	Lee	Bull	Manager, Planning Services	Nottawasaga Valley Conservation Authority	John Hix Conservation Administration Centre	8195 8th Line	Utopia, ON	L0M 1T0		lbull@nvca.on.ca
Mr.	Steve	Sage	CAO	Township of Clearview	217 Gideon Street	Box 200	Stayner, ON	L0M 1S0	705-428-6230 ext. 228	ssage@clearview.ca
Mr.	Shawn	Everitt	CAO	Town of the Blue Mountains	32 Mill Street	P.O. Box 310	Thornbury, ON	N0H 2P0	519-599-3131 ext. 234	tspeck@thebluemountains.ca
Mr.	George	Vadeboncoeur	CAO	Town of Wasaga Beach	30 Lewis Street		Wasaga Beach, ON	L9Z 1A1		
Ms.	Colleen	Healey-Dowdall	CAO	Township of Essa	5786 County Road 12		Utopia, ON	L0M 1T0		
Mr.	Blaine	Parkin	CAO	Town of New Tecumseth	10 Wellington Street East		Alliston, ON	L9R 1A1	705-435-3900	
Mr.	Jason	Reynar	CAO	Town of Innisfil	2101 Innisfil Beach Road		Innisfil, ON	L9S 1A1	705-436-3740 Ext. 1202	kshea@innisfil.ca
Mr.	Geoff	McKnight	CAO	Town of Bradford West Gwillimbury	100 Dissette Street	Unit 7&8, P.O. Box 100	Bradford, ON	L3Z 2A7	905-775-5366 ext. 1201	gmcknight@townofbwg.com
Ms.	Barb	Fox	Planning Officer	Simcoe Muskoka Catholic District School Board	46 Alliance Blvd.		Barrie, ON	L4M 5K3	705-722-3559 ext. 250	
Ms.	Holly	Spacek	Planning Officer	Simcoe County District School Board	1170 Highway 26		Midhurst, ON	L9X 1N6	705-728-7570 ext. 11311	
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.	Earl	Elliott	President	Simcoe County Historical Association		P.O. Box 144	Barrie, ON	L4M 4S9	705-796-7649	earl.elliott@rogers.com
Ms.	Bonnie	Branch	Transportation Coordinator	Simcoe County Student Transportation Consortium	64 Cedar Pointe Drive	Unit 1403	Barrie, ON	L4N 5R7	705-733-8965, ext. 107	transportation@scstc.ca
Ms.	Sara	Almas	Clerk	Accessibility Advisory Committee Town of Collingwood	97 Hurontario Street	P.O. Box 157	Collingwood, ON	L9Y 3Z5	705-445-1030	salmas@collingwood.ca
				Simcoe Muskoka District Health Unit	280 Pretty River Parkway		Collingwood, ON	L9Y 4J5	705-445-6498	
Mr.	George	Powell		Blue Mountain Watershed Trust Foundation		P.O. Box 605	Collingwood, ON	L9Y 4E8		
Emergency Services										
Mr.	JC	Gilbert	Deputy Chief Operations	County of Simcoe Paramedic Services	1110 Highway 26		Midhurst, ON	L9X 1N6	705-726-9300	jc.gilbert@simcoe.ca
Mr.	Ross	Parr	Fire Chief	Town of Collingwood Fire Department	45 High Street		Collingwood, ON	L9Y 4V4	705-445-3920 ext. 7502	rparr@collingwood.ca
Mr.	Colin	Shewell	Fire Chief	Township of Clearview Fire Department	217 Gideon Street		Stayner, ON	L0M 1S0	705-428-6230 ext. 403	cshewell@clearview.ca
Ms.	Mary	Shannon	Inspector	Ontario Provincial Police Collingwood and the Blue Mountains	201 Ontario Street		Collingwood, ON	L9Y 4M4	705-445-4321	mary.shannon@opp.ca
Ms.	Paula	Brown	Operational Policy & Strategic Planning	Ontario Provincial Police	777 Memorial Ave., 2nd Floor		Orillia, ON	L3V 7V3		
Member of Parliament										
Mr.	Jim	Wilson	Member of Provincial Parliament	Collingwood Constituency Office	50 Hume Street		Collingwood, ON	L9Y 1V2	1-800-268-7542	
Ms.	Kellie	Leitch	Member of Parliament - Simcoe-Grey	Collingwood Constituency Office	50 Hume Street	#4	Collingwood, ON	L9Y 4H8	705-445-5557	kellie.leitch@parl.gc.ca
Interest Groups										
Ms.	Trish	Irwin	GM/CEO	Collingwood Chamber of Commerce	115 Hurontario Street	Suite 102	Collingwood, ON	L9Y 2L9	705-445-0221	tirwin@collingwoodchamber.com
Ms.	Kandas	Bondarchuk	Planner - Technician	Collingwood Heritage Committee	55 Ste. Marie Street	Unit 302	Collingwood, ON	L9Y 0W6	705-445-1290 ext. 3275	kbondarchuk@collingwood.ca
Mr.	Jamie	Forsythe		Blue Mountain & Collingwood Snowdrifters Snowmobile Club	453 Oak Street		Collingwood, ON	L9Y 4N1	705-446-1848 705-606-1453	bluemountainsnowdrifters@gmail.com
Mr.	Ben	McNabb		Collingwood Cycling Club	47 Sherwood Street		Collingwood, ON	L9Y0C5		info@collingwoodcyclingclub.ca
Mr.	Murray	Knowles		Black Ash Trail Committee	32 Westwind Drive		Collingwood, ON	L9Y 5J1		knowles.murray@gmail.com
Aboriginal Consultation										
Att: Consultation Unit				Ministry of Indigenous Affairs	160 Bloor St. East	4th Floor	Toronto, ON	M7A 2E6	416-326-4740	

**Town of Collingwood
Raymond A. Barker WTP Class EA
AGENCY CONTACT LIST**

Title	First	Last	Title	Company	Address 1	Address 2	Town	PC	Telephone	Email
(CIRNAC (formerly INAC) <u>not</u> contacted for this project as project is not on Aboriginal lands)				Crown-Indigenous Relations and Northern Affairs Canada (formerly Indigenous & Northern Affairs Canada Consultation Unit)	25 St. Clair Avenue East	8th Floor	Toronto, ON	M4T 1M2	1-800-567-9604	
Mr.	Doran	Ritchie	Infrastructure and Resource Manager	Saugeen Ojibway Nation Environment Office	25 Maadookii Subdivision		Neyaashiinigmiing, ON	N0H 2T0	519-534-5507	d.ritchie@saugeenojibwaynation.ca & cc executive assistant Juanita Meekins juanita.meekins@saugeenojibwaynation.ca
First Nation Communities (as per MECP letter dated October 24, 2019)										
Chief	Guy	Monague		Beausoleil First Nation	General Delivery		Cedar Point, ON	L0K 1C0	705-247-2051	bfchief@chimnissing.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
Chief	Greg	Nadjiwon		Chippewas of Nawash First Nation	135 Lakeshore Blvd.		Neyaashiinigmiing, ON	N0H 2T0	519-534-1689	cnadministrator@nawash.ca
	Sharday	James	Community Consultation Worker, Communications	Chippewas of Rama First Nation	5884-Rama Road	Suite 200	Rama, ON	L3V 6H6	705-325-3611	shardayj@ramafirstnation.ca
Chief	Lester	Anoquot		Chippewas of Saugeen First Nation	6493 Highway 21	R.R.#1	Southampton, ON	N0H 2L0	519-797-2781	sfn@saugeen.org
		Family Chief	Grand Chef Konrad H. Sioui	Nation Huronne-Wendat	255 Place Michel Laveau		Wendake, QC	G0A 4V0		
President	Margaret	Froh		Métis Nation of Ontario	66 Slater Street	Suite 1100	Ottawa, ON	K1P 5H1		
Mr.	Greg	Garratt	President	Georgian Bay Métis Council	355 Cranston Crescent	P.O. Box 4	Midland, ON	L4R 4K6		greggarratt63@gmail.com
Utilities										
Mr.	Ted	Burrell		EPCOR	43 Stewart Road		Collingwood, ON	L9Y 4M7	705-443-1868	tburrell@epcor.com
Ms.	Carol	O'Brien		Bell Canada	136 Bayfield Street	2nd Floor	Barrie, ON	L4M 3B1	705-722-2405	carol.obrien@bell.ca
Mr.	Tony	Dominguez		Rogers	1 Sperling Drive		Barrie, ON	L4N 6B8	705-737-4660 xt 6907	tony.dominguez@rci.rogers.com
Mr.	Tom	Jedemann		Enbridge Gas	101 Honda Blvd		Markham, ON	L6C 0M6	905-927-3184	tom.jedemann@enbridge.com
				Enbridge Gas						municipalnotices@enbridge.com
Land Use Planning										
				Plan Well Associates	40 Connor Avenue		Collingwood, ON	L9Y 5K6	705-444-5812	[REDACTED]
				Georgian Planning Solutions					705-446-0530	[REDACTED]
				R. J. Burnside and Associates Limited	3 Ronell Crescent		Collingwood, ON	L9Y 4J6		[REDACTED]
				C.C. Tatham & Associates Ltd.	115 Sandford Fleming Drive	Suite 200	Collingwood, ON	L9Y 5A6	705-444-2565	[REDACTED]
Attn:	Manager			Greenland	120 Hume Street		Collingwood, ON	L9Y 1V5	705-444-5482	[REDACTED]
				C.F Crozier & Associates Consulting Engineers	40 Huron Street	Suite 301	Collingwood, ON	L9Y 4R3	705.446.3510	[REDACTED]
				Travis and Associates	275 First Street	Unit 7	Collingwood, ON	L9Y 1A8	705-446-9917	[REDACTED]
				Loft Planning Inc.	308 Hurontario Street		Collingwood, ON	L9Y 2M4	705-446-1168	[REDACTED]



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, ON, L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail collingwood@ainleygroup.com

July 13, 2020

File No. 119013

Re: **Town of Collingwood**
Class Environmental Assessment
Raymond A. Barker Water Treatment Plant Expansion
Notice of Completion

Dear Sir or/and Madam:

The Town of Collingwood has retained the services of Ainley Group (in partnership with AECOM) to document a Municipal Class Environmental Assessment for an expansion of the Raymond A. Barker Water Treatment Plant (WTP). The purpose of this letter is to inform you of the publishing of the Draft Environmental Study Report. Please refer to the attached *Notice of Completion* for additional details.

Should you have any questions or concerns, please contact the undersigned or Ken Kaden, P. Eng., Project Coordinator, Environmental Services, Town of Collingwood via email at kkaden@collingwood.ca.

Yours truly,

AINLEY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to read 'Mike Ainley'.

Mike Ainley, P. Eng., PMP
Project Manager
ainley.m@ainleygroup.com

cc: Ken Kaden, Town of Collingwood

Comments Received

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Thursday, August 20, 2020 7:51 AM
To: Lee Bull
Cc: Morgen Wilson; Mike Ainley; mitchell@ainleygroup.com; Jody Marks; Heather McGinnity
Subject: RE: Raymond A. Barker Water Treatment Plant Expansion - Environmental Study Report - NVCA ID # 37757

Good morning Lee.

Thank you for your comments and continued interest in this project. I am copying other members of our team to make them aware of your comments for inclusion in the final ESR.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: Lee Bull [mailto:lbull@nvca.on.ca]
Sent: August-17-20 2:16 PM
To: Ken Kaden <kkaden@collingwood.ca>
Cc: Morgen Wilson <mwilson@nvca.on.ca>
Subject: Raymond A. Barker Water Treatment Plant Expansion - Environmental Study Report - NVCA ID # 37757

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Good afternoon Ken

Nottawasaga Valley Conservation Authority (NVCA) staff appreciates the opportunity to provide comments on the draft Environmental Study Report, completed in support of the above noted Environmental Assessment.

Specifically, NVCA staff has reviewed the following:

- Ainley Group, "Raymond A. Barker Water Treatment Plant Expansion Scheduled 'C' Class Environmental Assessment Draft Environmental Study Report", dated July, 2020
- AECOM, Raymond A. Barker Water Treatment Plant – Class Environmental Assessment, Natural Environment Technical Report (Appendix E to ESR), dated Nov 4 2019

Upon completion of our review, we offer the following comments:

Clean Water Act/Source Water Protection Comments:

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* were amended to ensure that source protection planning is incorporated early in the municipal residential drinking water supply process. Effective July 1, 2018, the new amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the source protection authority (SPA) before the owner can apply for a drinking water works permit / license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved by the Ministry of the Environment, Conservation, and Parks.

Correspondence with Mr. Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood dated November 21, 2019 indicates:

"our Permit to Take Water (PTTW) is up for renewal in January 2021 and the current plan is to renew it at the same taking limits as this will satisfy our projected needs for the next 10 years. No new surface water intake or alternations to the existing intake pipe are proposed under Phase 1."

Accordingly,

1. At the present time, there are no Clean Water Act implications.
2. The identification of Significant Drinking Water Threats is the responsibility of the Town of Collingwood Risk Management Official who is internally staffed at the Town.

Engineering Comments

The Environmental Study Report (ESR) acknowledged the NVCA comments dated Jun-19-2020 and, in particular, the recommendation that a qualified coastal engineer be retained during the detailed design. The following statement is made in the ESR: "It is not anticipated that the expansions will require any work within Nottawasaga Bay, nor is any disruption of the existing shoreline anticipated. During detailed design further analysis will be completed and any additional mitigation measures identified will be implemented."

3. We offer no engineering comments on the ESR.

Natural Heritage Comments

There are minimal constraints associated with the study area, with the exception of direct shoreline areas. It is the understanding of NVCA staff that the proposed project scope does not involve in-water works, at least not at this stage or within the scope of this EA. AECOM's technical report does a good job of describing natural features and functions of the project area, and providing reasonable mitigation measures for various minor impacts.

4. NVCA staff offer no natural heritage related comments or concerns with the proposed works, provided that all mitigation measures discussed in Section 5 of the Natural Environment Technical Report are implemented.

We trust the foregoing is of assistance to you. Please feel free to contact the undersigned should you wish to discuss these comments further.

Sincerely,

Lee J. Bull, MCIP, RPP | Manager, Planning Services

Nottawasaga Valley Conservation Authority

8195 8th Line, Utopia, ON L0M 1T0

T 705-424-1479 ext. 231 | F 705-424-2115

lbull@nvca.on.ca | nvca.on.ca

I am currently working remotely as the Nottawasaga Valley Conservation Authority is taking preventative measures to limit the spread of COVID-19. You may experience some delays or disruptions as we follow recommendations of health professionals to slow the virus from spreading.

This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of the original message.

Ministry of Heritage, Sport,
Tourism and Culture Industries

Ministère des Industries du Patrimoine,
du Sport, du Tourisme et de la Culture

Programs and Services Branch
401 Bay Street, Suite 1700
Toronto, ON M7A 0A7
Tel: 613.242.3743

Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto, ON M7A 0A7
Tél: 613.242.3743



August 17, 2020

Email Only

Ken Kaden, P. Eng.
Project Coordinator, Environmental Services
Town of Collingwood
kkaden@collingwood.ca

MHSTCI File	:	0011264
Proponent	:	Town of Collingwood
Subject	:	Notice of Completion – Schedule C MCEA
Project	:	Raymond A. Barker Water Treatment Plant Expansion
Location	:	Raglan Street, Town of Collingwood, County of Simcoe

Dear Ken Kaden:

Thank you for notifying the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) of the above-referenced project. MHSTCI's interest in this environmental assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage.

MHSTCI has reviewed the Notice of Completion and Draft Environmental Study Report for the Raymond A. Barker Water Treatment Plant Expansion, (Ainley Group, July 2020) and offers the following comments:

Project Summary

As part of the Town of Collingwood's Master Servicing Plan process, the Town has identified the need to expand the existing Raymond A. Barker Water Treatment Plan to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities. The Town has retained the services of Ainley Group (in partnership with AECOM) to complete an updated Class EA in accordance with the Municipal Class Environmental Assessment (MCEA) document (Oct. 2000, as amended 2007, 2011 & 2015). Based on the scope (increased water treatment capacity), this project constitutes a Schedule "C" project in accordance with the MCEA document.

Comments and Recommendations

Given that cultural heritage is one aspect of the environment, a section must be included in the Environmental Study Report to illustrate that this has been addressed in a formal and methodical manner. The purpose of this section is to document the existing conditions and indicate that due diligence has been undertaken for cultural heritage. We recommend that the following revised sections:

- 4.5 Cultural Heritage
- 4.5.1 Built Heritage Resources and Cultural Heritage Landscapes
- 4.5.2 Archaeological Resources

Here is an example of how that information could be captured, should the results of the completed screening checklist indicate that potential for built heritage resources and cultural heritage landscapes is low:

- 4.5.1 Built Heritage Resources and Cultural Heritage Landscapes
- The screening checklist developed by the Ministry of Heritage, Sport, Tourism and Culture Industries [Criteria for Evaluating Potential for Built Heritage Resources and Cultural](#)

[Heritage Landscapes](#) was completed as part of the project file (see Appendix X). The study area was determined to have low potential for built heritage resources and cultural heritage landscapes. Therefore, no technical cultural heritage studies have been undertaken.

If the checklist indicates that there is potential for built heritage resources and cultural heritage landscapes, a Cultural Heritage Evaluation Report (CHER), and a Heritage Impact Assessment (HIA) if required, should be completed and included as part of the ESR documentation. Please forward any technical cultural heritage studies (i.e. CHER, HIA if required) to MHSTCI for review.

Archaeological Resources

The EA Report also documents the findings from the Stage 1 archaeological assessment (Project Information Form Number: P438-0186-2019) in Appendix F of the Report. The assessment indicates that the potential for the recovery of archaeological resources has been removed as a result of extensive, deep land alterations associated with previous construction and underground utilities at the site. Based on these findings, no further archaeological work is required. MHSTCI confirms that the Stage 1 archaeological assessment has been reviewed and entered into the Ontario Public Register of Archaeological Reports. We recommend that the MHSTCI letter indicating that the report has been entered into the Register be included in the Appendix.

Thank you for the opportunity to review the draft ESR. If you have any questions or require clarification, please do not hesitate to contact Kimberly Livingstone.

Joseph Harvey
On behalf of

Kimberly Livingstone
Heritage Planner (A)
Heritage Planning Unit
Kimberly.Livingstone@ontario.ca

c: Jody Marks, Environmental Planner, Ainley Group
Chunmei Liu, Environmental Resource Planner, MECP, Central Region.

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MHSTCI makes no representation or warranty as to the completeness, accuracy or quality of any checklists, reports or supporting documentation submitted as part of the EA process and in no way shall MHSTCI be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MHSTCI if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416.326.8800) must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

July 22, 2020

Ken Kaden, P.Eng, Project Engineer,
Environmental Services
The Town of Collingwood
43 Steward Road
Collingwood ON L9Y 4N7

Dear Mr Kaden:

**Re: Saugeen Ojibway Nation Review Comments for
Town of Collingwood Municipal Class Environmental Assessment Study
Raymond A. Barker Water Treatment Plant Expansion
In Accordance with SON Consultation Process**

The Saugeen Ojibway Nation (SON) acknowledges receiving a letter from Ainley and Associates Limited (Ainley) on the behalf of the Town of Collingwood for the Town of Collingwood Raymond A. Barker Water Treatment Plant (WTP) Expansion Municipal Class Environmental Assessment Study (Class EA) dated June 15, 2020, in response to the SON Preliminary Review Comments letter issued June 8, 2020.

On behalf of SON, please accept my acknowledgement and thanks for received of the June 16, June 29 and July 13, 2020, Class EA information and emailed reports. As discussed by phone on June 12, 2020, we received hard copies from Ainley. The received information included the following:

- Raymond A. Barker Water Treatment Plant Expansion, Schedule 'C' Class Environmental Assessment Study-Draft Environmental Study Report, prepared by Ainley and Associates Limited, June 2020;
- Town of Collingwood Raymond A. Barker Water Treatment Plant - Alternatives Selection Technical Memorandum Rev, 7, prepared by AECOM, April 8, 2020;
- Town of Collingwood Raymond A. Barker Water Treatment Plant - Condition Assessment Technical Memorandum - AECOM, September 27, 2019;
- Town of Collingwood Class Environmental Assessment Amendment - Natural Environmental Technical Report, prepared by AECOM, September, 2019;
- Town of Collingwood Raymond A. Barker Water Treatment Plant-Existing Plant Performance/Capacity Assessment, prepared by AECOM, September 23, 2019;
- Inspection of Water Intake Facilities, Collingwood, Ontario that was prepared by Watech Services Inc.; dated May 2017;
- Inspection of Water Intake Facilities, Collingwood, Ontario that was prepared by Watech Services Inc.; dated May 2018;
- Inspection of Water Intake Facilities, Collingwood, Ontario that was prepared by Watech Services Inc.; dated May 2019; and
- The Town of Collingwood-Stage1 Archaeological Assessment Collingwood WTP Class EA Amendment Part of Lot 44, Concession, Township of Nottawasaga, Simcoe County-Now the Town of Collingwood, Ontario by AECOM. September 12, 2019.

SON CONSULTATION PROCESS

As stated by SON previously, the SON Consultation Process encompasses the following major principals and requirements:

- “The duty to consult’ obligations to the First Nations under the Environmental Assessment Act (EAA) to meet its legal obligations under the Aboriginal Rights Law and is required to be undertaken by the proponent. This responsibility has been delegated to the proponent by the Crown/the Province of Ontario.
- The First Nations consultation process is considered to be the most important requirement for the Municipal Class EA Process under Environment Assessment Act and the First Nation Communities require to being part of EA decisions, consultations and decision making and economic agreements and benefits. General “stakeholders’ information is not sufficient for Aboriginal consultation process.
- SON Consultation Process for this project, as identified previously, encompasses reviews and the development of the review comments/concerns associated with the Town Raymond A. Barker WTP Expansion Class EA and consists of 3 Stages. We completed **the STAGE 1 and are proceeding with the SON comments to finalize STAGE 2 of the SON Consultation Process.**

SON REVIEW COMMENTS AND CONCERNS

SON appreciates that in the response letter from Ainley, they acknowledged the SON Consultation Process requirements and expressed a willingness to work together with SON toward achieving an acceptable preferred servicing solution for the Raymond A. Barker WTP Expansion Class EA proposed work and to ensure that any potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, commercial fishery, environmental/ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Bay) will be minimized or completely eliminated.

SON reviewed the response letter dated June 15, 2020, and all the above-noted information and reports provided by Ainley on the behalf of the Town of Collingwood.

SON has no objections to the Town of Collingwood Raymond A. Barker WTP Expansion Class EA recommended preferred solution that includes:

- Design and construction of Option#3 of the Membrane upgrade Alternative #3-Repurpose Existing ZW 500 Membrane Building and Construct New Building;
- Design and construction of Option#5 of and the disinfection upgrades Alternative #5-Practice UV disinfection and chlorinate in new CT chamber;
- Design and construction of the associated plant upgrades identified in the Existing Plant Performance/ Capacity Assessment Report; and
- Encourage enhanced efficiency and conservation by reviewing and expending the Town’s current effort reduced daily water use and continue with undertaking repairs to the Town’s infrastructure.

SON has also completed reviews of the Town of Collingwood-Stage1 Archaeological Assessment Collingwood WTP Class EA Amendment Part of Lot 44, Concession, Township of Nottawasaga, Simcoe County-Now the Town of Collingwood, Ontario prepared by AECOM and dated September 12, 2019 and the Town of Collingwood Class Environmental Assessment Amendment - Natural Environmental Technical Report, prepared by AECOM, dated September, 2019. **SON has no objections** to the conclusions and recommendations presented in these reports.

However, SON has the following comments and concerns:

In this response letter the Consultant stated that :*“It is proposed to expand the water supply in two Phases. Phase 1 will increase the supply to approximately 52000 m3/d which in combination with flows required for in-plant processing is less than the approved water taking as defined by the currently approved Provincial Permit To Take Water (68250 m3/d). “* Based on the SON completed technical reviews of the provided information and the technical reports:

- a) Under the existing conditions this WTP is running in the range of 27.7-31.14 ML/D (27,656 m3/d-31,140 m3/d).
- b) The existing Permit to Take Water (PTTW) for this WTP authorizes the withdrawal of water to 68.25 ML/D (68,250 m3/d). This PTTW is issued on January 28, 2011, and it is valid only until January 31, 2021.
- c) The Town of Collingwood MSP identified “the need to expand the existing 31.14 ML/D” for this WTP “which currently has insufficient capacity to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities”. Therefore, it is our understanding that this Class EA is intended to reaffirm the need to increase the ultimate WTP capacity to 101 ML/D (101,000 m3/d).
- d) As stated above, Phase 1 will increase the supply to approximately 52,000 m3/d and under Phase 2- Ultimate WTP will increase up to app. 101,000 m3/d), therefore, the Class EA for Raymond A. Barker WTP Expansion proposed work represents an increase of approximately more than three times (from 31,140 m3/d to 101,000 m3/d) of the WTP capacity.
- e) Prior to proceeding with the Phase 1 construction of the proposed WTP Expansion, the Town of Collingwood would be required to apply for an amendment to the existing PTTW or probably for a new Category 3 PTTW and the MECP estimated review time to process this type applications approximately 3 months. Also, MECP may identify additional provisions and/or conditions for this type PTTW approvals.

SON recommends that the Final Class EA ESR report and ESR's Executive Summary will clearly identify a magnitude of the proposed water supply and water treatment capacity increase, the current PTTW expiry date and needs to apply for MECP's amendment to the existing PTTW or for a new PTTW for the proposed Phase 1 works.

- The Ainley response letter stated that: *"it is acknowledged that there will be an increase in the amount of wastewater produced at the WTP. However, we wish to advise that the Town's Wastewater Treatment Plant currently has additional capacity to accommodate this increase in flow. All sanitary wastewater produced at the WTP will be directed to the Town's sanitary collection system. Membrane backwash wastewater will be directed to equalization tanks for disposal back into the Bay as long as it meets MECP requirements (< 25 mg/L TSS). The quality will be monitored and should TSS exceed the MECP limit, it will be diverted to the sanitary collection system.*
- a) The proposed draft ESR for the Class EA WTP Extension works identifies that the wastewater discharges from this expanded WTP to the Bay will be increased. The projected increases of wastewater discharges probably would be related to the recommended increase in the numbers of various types of membranes systems, the membranes backwashing from solids (under the existing conditions AECOM identified the increases of the bacteriological counts and solids) and other potential blockages that may occur due to the weather conditions and other performance deficiencies, as well as sensitivities membranes systems of the existing and new membranes and the maintenance requirements that include backwashing/the residue water management transferred into the wastewater discharges to the open water. The existing overflow 250 mm pipe also discharges the wastewater to the open water.
- b) Based on the Class EA recommended preferred servicing solution outlined in the draft ESR, the increased membranes backwash and all the residue water management and wastewater maintenance volumes would be collected and directed to a new constructed equalization tanks for to be discharged into the open water-the Bay with only one condition to meet the MECP requirements only for TSS levels (< 25 mg/), prior to discharging to the open water. Other water quality monitoring parameters were not recommended for the water quality monitoring. We are under the opinion that a more comprehensive water quality monitoring program is required to meet the MEPC's PWQO for the Water Quality monitoring of the WTP wastewater discharges in order to be accountable in reporting the water quality of the receiving existing open water and to protect and preserve existing environmental/ecological conditions.
- Taking in consideration that the Class EA WTP extension works encompass various utilities and the site modifications, new building(s) at the WTP site, which is located immediately close to the shore and the open water of the Bay. Also, some areas of the recommended site modification works would encroach on the existing flood lines and/or on the designated hazardous lands, or/and on the required setbacks from these areas that are governed by the Conservation Acts and its regulations. All site servicing information is presented at a very preliminary stage without identifying any specific detailed information that may be related to the flood elevations, the flood protection, the required setbacks and all other important information.

- The geotechnical and hydrogeological evaluations/reports were not provided to SON for reviews and in our previous letter we requested the Hydrogeological information. Based on the above, SON made an assumption at the present time these reports are not developed and they are not available.
- SON is concerned that taking into consideration the subject site located in close proximity to the open water and the construction works and activities that is proposed be undertaken at the subject site, a substantial dewatering may be required. SON is of the opinion that water quality monitoring for all discharges be undertaken to ensure and protect the existing water quality of water resources, environmental/ecological conditions, fishery and/or aquatic health that are important and critical for SON. Based on the above, a water quality monitoring program needs to be developed and implemented for the total period of all proposed construction works and activities. The proposed water quality monitoring needs to include, but not limited to, two major components: the water quality including the basic chemistry and the ecological monitoring (BioMap) to meet requirements of MECP's PWQO . The protocol of BioMap ecological monitoring often used by MECP for the municipal and provincial projects.
- The draft ESR make references to list the very basic sediment and erosion control measures, making also a commitment that a more detailed sediment and erosion control measures will be developed during the detailed design stage and also the considerations were provided to engage a shoreline professional engineer to design a specific shoreline revegetation and stabilization adjacent to the WTP site during the design stage and all these to implement during construction.
- SON is of the opinion that to engage a shoreline professional engineer to design a specific shoreline revegetation and stabilization adjacent to the WTP site during the design stage is a great approach. However, based on our reviews of the provided information/reports, SON is of the opinion that the Conceptual Erosion Sediment Control Plan for the proposed works needs to be included in the final ESR and include, but not be limited to, all applicable specific major components and measures to protect, control and to mitigate the sediment and erosion control during dry and/or wet weather conditions (considering also potentially the extreme storm/runoff conditions that may related to the climate change conditions) and make extra efforts to minimize and/or will eliminate any potential direct discharges to the open water. The upgraded Conceptual Erosion Sediment Control Plan and Measures (including conceptual mitigations measures) for the subject site and proposed works must be effective and robust during the various weather conditions and must secure the required protection of the water resources, preserve water quality, fishery and aquatic systems health and it is important and critical for the protection of SON commercial fishing.

SON recommends that the Final ESR report for the Town of Collingwood Raymond A. Barker WTP Expansion Class EA proposed work will include the following commitments to develop and implement the following:

- **The water quality monitoring program to measure, evaluate and report on all potential discharges from the subject site to the open water-the Bay during all proposed construction works and activities (Phase 1 and Phase 2) until the completed work assumption. Water quality monitoring program #1 needs to include two major components: the basic water chemistry parameters in accordance with MECP's PWQO and biological (BioMap) monitoring components for measuring and reporting on the surface water environmental/ecological quality discharges during all periods of construction for the work proposed by this Class EA.**

- **Water quality monitoring program #2 to measure, evaluate and report on the wastewater back washing or any other wastewater residue management/wastewater discharges to the open water- the Bay is required to be developed and implemented and the water quality monitoring program needs to include the basic water chemistry parameters and bacteria cont in accordance with MECP's PWQO;**

SON requests the review of the recommended finalized Water quality monitoring programs #1 and #2, prior to implementation. Upon your receipt of all future monitoring reports of these programs with the collected data and analysis, SON asks the Town of Collingwood and its Consultant to forward these reports to the SON Environmental Office.

- **The Conceptual Erosion Sediment Control Plan for the subject site for the proposed construction works and activities needs to expand and to identify all applicable conceptual specific for the sediment and erosion control components measure, including also proposed mitigation measures to protect the water resources (open waters and groundwater) during dry and wet weather conditions. The developed Erosion Sediment Control Plan for the subject site and proposed works must be the most effective, efficient and robust during all weather conditions and to secure the required protection of the water resources, water quality, fishery and aquatic systems and eliminate any potential discharges. The considered set back from the shore of the open water to the site should exceed the proposed minimum 30 m set back in order to maximize protection of the aquatic endangered species under ESA and the Special Concerns species , as well as to minimize potential acceleration of sediment discharge from the subject site to the open water and maximize protection of the water quality.**
- SON reviewed the provided Inspection Reports of Water Intake Facilities, Collingwood, Ontario which were prepared by Watech Services Inc., dated May 2017, 2018, 2019, and stated that “the offshore intake structures (4 risers) are generally in good conditions”.

However, it should be noted that:

- a) the existing intake system is approximately 70 years old and the theoretical life expectancy typically for these systems are approximately 80-100 years;
- b) the presented information has not provided an assessment and estimation of the remaining life expectancy of this system;
- c) no further recommendations of the monitoring or improvements were recommended in these
- d) reports; and
- e) all provided information in reports have not been stamped by a Professional Engineer; and
- f) the Town of Collingwood is planning to proceed with the proposed work for Phase 1 where the work has been estimated in the amount of approximately \$60 M.

Based on the requirements of the Municipal Class Environmental Assessment, SON is expecting that all our comments will be included in the Final ESR for the for the Town of Collingwood Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion.

First Nation - SON Consultation Plan

1. Meet the requirements as 'duty to consult' in accordance with SON's Consultation Process Protocol, practices and vision/traditional knowledge;
2. Provide SON with the fund capacity and the required agreements to participate in the requested review;
3. Consult and conduct meetings with SON, the Town's Consultant; and
4. Obtain SON's acceptance for the recommended solution for the Town's Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion

If, at the time of SON's final review completion, the SON Environment Office and leadership determine that no negative impacts will occur within its Territory or adjacent lands/water resources system, and/or those impacts can be sufficiently mitigated, SON will agree to provide a letter withdrawing any objections to proceeding. If the review determines that negative impacts will occur, SON will proceed with a draft consultation and accommodation/economical plan and a meeting with the proponent to discuss the matter further.

We look forward to working together to complete this project successfully.

Respectfully,

A handwritten signature in black ink, appearing to read 'D. Ritchie', with a long horizontal flourish extending to the right.

**Doran Ritchie /Manager of Resources and Infrastructure
Saugeen Ojibway Nation (SON) Environment Office**

Cc: Mike Ainley P.Eng., PMP-Project Manager Ainley Group

Jody Marks

From: Ken Kaden <kkaden@collingwood.ca>
Sent: Thursday, August 20, 2020 7:33 AM
To: [REDACTED]
Cc: Mike Ainley; reid mitchell; Jody Marks; Heather McGinnity
Subject: RE: Town of Collingwood, Schedule C Class Environmental Assessment - Raymond A. Barker Water Treatment Plant Expansion

Good morning [REDACTED],

Thank you for your email and your interest in this project. I have copied our consultant team on this email. We will prepare a formal response shortly to address your concerns.

Ken Kaden P.Eng.
Project Coordinator, Environmental Services
P 705-445-1581 Ext. 3303 | M 705-351-2133
kkaden@collingwood.ca

Due to preventative measures being taken to limit the spread of the COVID19 VIRUS, the Town of Collingwood's offices are currently closed but we remain open for business by phone and by email. Please visit www.collingwood.ca for updates on the Town's status.

From: [REDACTED]]
Sent: August-16-20 9:08 PM
To: Ken Kaden <kkaden@collingwood.ca>
Cc: [REDACTED]
Subject: Town of Collingwood, Schedule C Class Environmental Assessment - Raymond A. Barker Water Treatment Plant Expansion

EXTERNAL EMAIL: This email originated outside of the Town's email system. Do not click any links or open any attachments unless you trust the sender and know the content is safe. If in doubt, please contact the helpdesk at x4357.

Dear Mr. Kaden: I am sending this email to formally register my concerns regarding the water treatment plant expansion. I own a [REDACTED], Collingwood. The proposed expansion of the water treatment plant will negatively impact the enjoyment of my property. Specifically, the new building will block my view from Sunset Cove.

Also, I am sceptical of the contents of the report that states there will be no increased noise level. I expect that with the expanded operation, there indeed will be increased noise from the plant. Even the current level is not satisfactory in my opinion. When sitting outside on [REDACTED] property the noise from the existing operation interferes with the enjoyment of my property.

I therefore request the following accommodation. Plant trees between Sunset Cove and the water treatment plant. Tall coniferous trees will provide a more pleasant view than having to look at the building. The trees will also act as a sound barrier and mitigate the noise coming from the water treatment plant.

Thank you for your consideration.

Responses Provided

(Attachment(s) referenced in Response Letter(s) not included)



Ainley & Associates Limited
280 Pretty River Parkway, Collingwood, Ontario L9Y 4J5
Tel: (705) 445-3451 • Fax: (705) 445-0968
E-mail: collingwood@ainleygroup.com

August 24, 2020

File No. 119013

Lee J. Bull, MCIP, RPP | Manager, Planning Services
Nottawasaga Valley Conservation Authority
8195 8th Line, Utopia, ON L0M 1T0

Ref: Town of Collingwood
Water Treatment Plant Expansion Class EA

Dear Ms. Bull:

We are responding on behalf of the Town of Collingwood to your email dated August 17, 2020. We thank you for your input and we have included your email in the Final ESR for documentation purposes. We acknowledge the requirement of source water protection authority approval before the owner can apply for a drinking water works permit/license. This requirement was included in Section 3.2 of the Draft ESR under the heading of Clean Water Act 2006. We acknowledge that the NVCA has determined that there are no Clean Water Act implications associated with the Project and that the identification of threats to the drinking water source is the responsibility of the Town. We also acknowledge that there are no engineering comments from NVCA at this time and that the NVCA has no natural heritage related comments or concerns provided that mitigation measures outlined in Section 5 of the Natural Environment Technical Report (AECOM) are implemented.

Yours truly

AINLEY & ASSOCIATES LIMITED

M.W. Ainley, P.Eng., PMP
Project Manager

Cc – Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood

September 10, 2020

File No. 119013

Ministry of Heritage, Sport, Tourism and Culture Industries
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto, ON M7A 0A7

Attn: Joseph Harvey

Ref: Town of Collingwood
Water Treatment Plant Expansion Class EA

Dear Mr. Harvey:

We are responding on behalf of the Town of Collingwood to your email with attached letter dated August 17, 2020. We thank you for your input and we have addressed your comments in the Final ESR. After completing the screening checklist, it was determined that the Project will have a low potential for negative impact to built heritage resources and cultural heritage landscapes. Although there are some structures and buildings that are more than 40 years old, they are strictly utilitarian for water conveyance and have no cultural heritage value or interest.

A new Section has been added to the ESR and the completed checklist is included in Appendix F. A copy of the checklist is attached for your information. We also wish to confirm that a copy of the MHSTCI letter dated July 7, 2020 re: confirmation that the Stage 1 Archaeological Assessment (AECOM) has been entered into the Ontario Public Register for Archaeological Reports, is also included in Appendix F.

Yours truly

AINLEY & ASSOCIATES LIMITED



M.W. Ainley, P.Eng., PMP
Project Manager

Cc – Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood
Kimberly Livingstone, Heritage Planner (A), MHSTCI
Chunmei Liu, Environmental Resource Planner, MECP, Central Region

September 10, 2020

File No. 119013

Doran Ritchie /Manager of Resources and Infrastructure
Saugeen Ojibway Nation (SON) Environment Office
25 Maadokii Subdivision Neyaashiinigiing, Ontario N0H 2T0

Ref: Town of Collingwood
Water Treatment Plant Expansion Class EA

Dear Mr. Ritchie:

On behalf of the Town of Collingwood, we are responding to your letter dated July 22, 2020 regarding the above-mentioned Class EA for an expansion of the Water Treatment Plant (WTP) in Collingwood. We wish to thank you and your team for responding in a timely manner to the publication of the Draft ESR.

The Town will work collaboratively with SON to protect SON's Fishery Rights and preserve, maintain and enhance the ecological and environmental health of water quality and water resources functions and features of Georgian Bay to comply with the Aboriginal Treaty Rights. The Town makes the following commitments for this project:

- To develop and implement Water Quality Program #1 comprised of two major components: the basic water chemistry parameters in accordance with MECP's Provincial Water Quality Objectives (PWQO) and monitoring components for measuring and reporting on the surface water environmental/ecological quality with respect to potential discharges from the site to Nottawasaga Bay during all proposed construction works and activities (Phase 1).
- To develop and implement Water Quality Monitoring Program #2 to measure, evaluate and report on the wastewater backwashing or any other wastewater residue management/ wastewater discharges directly from the WTP to Nottawasaga Bay, including basic water chemistry parameters in accordance with MECP's PWQO.
- To provide the recommended finalized Water Quality Monitoring Programs #1 and #2, to SON for review prior to implementation.
- To develop and implement an Erosion Sediment Control Plan prior to and to be maintained during construction and to submit this Plan to SON for review prior to implementation – the Preliminary Conceptual Erosion Sediment Control Plan is included with this submission (see Drawings SC1 and SC2).
- To complete geotechnical/ hydrogeological investigations during Final Design in support of determining volumes and water chemistry of potential dewatering discharges.
- To engage a shoreline Professional Engineer during Final Design to design specific shoreline revegetation and stabilization adjacent to the WTP where appropriate in areas that may be disturbed during construction.
- To ensure that environmental monitoring be conducted on behalf of the Town with regular inspections during the construction phase.

We have reprinted your comments below in *Italics and Underlining* (replacing **Bold**) for ease of reference and we provide our responses (in **Bold**) following each comment. We have also attached a copy of the Final ESR which incorporates your recommended additions and

clarifications. This includes statements that the proposed validity of the ESR is for Phase 1, more specificity about the proposed temporary and permanent monitoring programs, and a Preliminary Conceptual Erosion Sediment Control Plan. The additions have been included in distinct sections of the Final ESR and Executive Summary designating revisions to the Draft ESR in direct response to SON's comments.

SON CONSULTATION PROCESS: *As stated by SON previously, the SON Consultation Process encompasses the following major principals and requirements:*

- *“The duty to consult” obligations to the First Nations under the Environmental Assessment Act (EAA) to meet its legal obligations under the Aboriginal Rights Law and is required to be undertaken by the proponent. This responsibility has been delegated to the proponent by the Crown/the Province of Ontario.*
- *The First Nations consultation process is considered to be the most important requirement for the Municipal Class EA Process under Environment Assessment Act and the First Nation Communities require to being part of EA decisions, consultations and decision making and economic agreements and benefits. General “stakeholders’ information is not sufficient for Aboriginal consultation process.*
- *SON Consultation Process for this project, as identified previously, encompasses reviews and the development of the review comments/concerns associated with the Town Raymond A. Barker WTP Expansion Class EA and consists of 3 Stages. We completed the STAGE 1 and are proceeding with the SON comments to finalize STAGE 2 of the SON Consultation Process.*

RESPONSE:

The Town acknowledges the Consultation Process and is prepared to continue to work with SON to complete the reviews.

SON REVIEW COMMENTS AND CONCERNS

SON appreciates that in the response letter from Ainley, they acknowledged the SON Consultation Process requirements and expressed a willingness to work together with SON toward achieving an acceptable preferred servicing solution for the Raymond A. Barker WTP Expansion Class EA proposed work and to ensure that any potential adverse impacts on water quality, aquatic life and fishery, and the fishery habitat, commercial fishery, environmental/ ecological health and existing conditions of terrestrial and water resources systems and specifically for the open waters (Bay) will be minimized or completely eliminated.

RESPONSE:

Acknowledged.

SON reviewed the response letter dated June 15, 2020, and all the above-noted information and reports provided by Ainley on the behalf of the Town of Collingwood.

SON has no objections to the Town of Collingwood Raymond A. Barker WTP Expansion Class EA recommended preferred solution that includes:

- Design and construction of Option#3 of the Membrane upgrade Alternative #3-Repurpose Existing ZW 500 Membrane Building and Construct New Building;
- Design and construction of Option#5 of and the disinfection upgrades Alternative #5-Practice UV disinfection and chlorinate in new CT chamber;
- Design and construction of the associated plant upgrades identified in the Existing Plant Performance/ Capacity Assessment Report; and
- Encourage enhanced efficiency and conservation by reviewing and expending the Town's current effort reduced daily water use and continue with undertaking repairs to the Town's infrastructure.

RESPONSE:

Acknowledged.

SON has also completed reviews of the Town of Collingwood-Stage1 Archaeological Assessment Collingwood WTP Class EA Amendment Part of Lot 44, Concession, Township of Nottawasaga, Simcoe County-Now the Town of Collingwood, Ontario prepared by AECOM and dated September 12, 2019 and the Town of Collingwood Class Environmental Assessment Amendment - Natural Environmental Technical Report, prepared by AECOM, dated September, 2019. SON has no objections to the conclusions and recommendations presented in these reports.

RESPONSE:

Acknowledged.

However, SON has the following comments and concerns:

In this response letter the Consultant stated that: "It is proposed to expand the water supply in two Phases. Phase 1 will increase the supply to approximately 52000 m3/d which in combination with flows required for in-plant processing is less than the approved water taking as defined by the currently approved Provincial Permit To Take Water (68250 m3/d)." Based on the SON completed technical reviews of the provided information and the technical reports:

- a) Under the existing conditions this WTP is running in the range of 27.7-31.14 ML/D (27,656 m3/d-31,140 m3/d). **RESPONSE: Agreed.**
- b) The existing Permit to Take Water (PTTW) for this WTP authorizes the withdrawal of water to 68.25 ML/D (68,250 m3/d). This PTTW is issued on January 28, 2011, and it is valid only until January 31, 2021. **RESPONSE: Agreed.**
- c) The Town of Collingwood MSP identified "the need to expand the existing 31.14 ML/D" for this WTP "which currently has insufficient capacity to accommodate future water demands for the Town of Collingwood and its contractual commitments to supply treated water to other municipalities". Therefore, it is our understanding that this Class EA is intended to reaffirm the need to increase the

ultimate WTP capacity to 101 ML/D (101,000 m³/d).

RESPONSE:

The Master Servicing Plan provides a timeframe for growth with a long-term buildout (Ultimate) treated water demand of approximately 101,000 m³/d. Although we have considered the Ultimate demand, this Environmental Study Report (ESR) is seeking approval and will be valid for an increase in water treatment capacity to approximately 52,000 m³/d (Phase 1) at this time.

In the future, another Class Environmental Assessment will be undertaken to confirm the Ultimate demand and to confirm the Phase 2 Expansion requirements. At this time, as determined in the Master Servicing Plan, the Town anticipates the need for an Ultimate expansion of the WTP in the future to a water treatment capacity of approximately 101,000 m³/d. Since Ultimate buildout will not be reached for several decades and since there is greater uncertainty with long-range growth/water demand forecasts, the Environmental Assessment has recognized the need for phasing.

The Phase 1 expansion was deliberately set to stay within the existing PTTW limit (68,250 m³/d), thereby facilitating the next PTTW renewal process by not increasing the currently approved water taking volume.

The purpose of including and assessing the estimated future Ultimate demand is to simply show that it may be possible to expand the plant on the existing site and to plan for future equipment space requirements, pipe connections, etc..

To reiterate, this Class EA planning process is intended to document a Phase 1 expansion of the WTP up to a supply of 52,000m³/d of treated water. Confirmation of the ESR being valid for the Phase 1 expansion only is included in the Final Draft ESR including the Executive Summary.

d) As stated above, Phase 1 will increase the supply to approximately 52,000 m³/d and under Phase 2-Ultimate WTP will increase up to app. 101,000 m³/d, therefore, the Class EA for Raymond A. Barker WTP Expansion proposed work represents an increase of approximately more than three times (from 31,140 m³/d to 101,000 m³/d) of the WTP capacity.

RESPONSE:

See response to c) above.

e) Prior to proceeding with the Phase 1 construction of the proposed WTP Expansion, the Town of Collingwood would be required to apply for an amendment to the existing PTTW or probably for a new Category 3 PTTW and the MECP estimated review time to process this type applications approximately 3 months. Also, MECP may identify additional provisions and/or conditions for this type PTTW approvals.

RESPONSE:

The current PTTW is approved for the withdrawal of 68,250 m³/d. As this amount is sufficient for the Phase 1 expansion, the PTTW renewal will not be seeking an increase in this rate and therefore a renewal from MECP for the existing rate is required by January 31, 2021. The Town has already commenced the PTTW renewal

application process. We acknowledge that the MECP review of the PTTW Application may take three months.

SON recommends that the Final Class EA ESR report and ESR's Executive Summary will clearly identify a magnitude of the proposed water supply and water treatment capacity increase, the current PTTW expiry date and needs to apply for MECP's amendment to the existing PTTW or for a new PTTW for the proposed Phase 1 works.

RESPONSE:

Enclosed with this letter is the Final Draft ESR. The above noted concern has been addressed to include clarification on the Phase 1 and 2 PTTW application process.

The Ainley response letter stated that: "it is acknowledged that there will be an increase in the amount of wastewater produced at the WTP. However, we wish to advise that the Town's Wastewater Treatment Plant currently has additional capacity to accommodate this increase in flow. All sanitary wastewater produced at the WTP will be directed to the Town's sanitary collection system. Membrane backwash wastewater will be directed to equalization tanks for disposal back into the Bay as long as it meets MECP requirements (< 25 mg/L TSS). The quality will be monitored and should TSS exceed the MECP limit, it will be diverted to the sanitary collection system."

- a) *The proposed draft ESR for the Class EA WTP Extension works identifies that the wastewater discharges from this expanded WTP to the Bay will be increased. The projected increases of wastewater discharges probably would be related to the recommended increase in the numbers of various types of membranes systems, the membranes backwashing from solids (under the existing conditions AECOM identified the increases of the bacteriological counts and solids) and other potential blockages that may occur due to the weather conditions and other performance deficiencies, as well as sensitivities membranes systems of the existing and new membranes and the maintenance requirements that include backwashing/the residue water management transferred into the wastewater discharges to the open water. The existing overflow 250 mm pipe also discharges the wastewater to the open water.*
- b) *Based on the Class EA recommended preferred servicing solution outlined in the draft ESR, the increased membranes backwash and all the residue water management and wastewater maintenance volumes would be collected and directed to a new constructed equalization tanks for to be discharged into the open water-the Bay with only one condition to meet the MECP requirements only for TSS levels (< 25 mg/l), prior to discharging to the open water. Other water quality monitoring parameters were not recommended for the water quality monitoring. We are under the opinion that a more comprehensive water quality monitoring program is required to meet the MEPC's PWQO for the Water Quality monitoring of the WTP wastewater discharges in order to be accountable in reporting the water quality of the receiving existing open water and to protect and preserve existing environmental/ecological conditions.*

RESPONSE:

See response to SON recommendation for Water Quality Monitoring Program #2 on Page 8.

Taking in consideration that the Class EA WTP extension works encompass various utilities and the site modifications, new building(s) at the WTP site, which is located immediately close to the shore and the open water of the Bay. Also, some areas of the recommended site modification works would encroach on the existing flood lines and/or on the designated hazardous lands, or/and on the required setbacks from these areas that are governed by the Conservation Acts and its regulations. All site servicing information is presented at a very preliminary stage without identifying any specific detailed information that may be related to the flood elevations, the flood protection, the required setbacks and all other important information.

RESPONSE:

See response to SON recommendation for the Preliminary Conceptual Erosion Sediment Control Plan on Page 9.

The geotechnical and hydrogeological evaluations/reports were not provided to SON for reviews and in our previous letter we requested the Hydrogeological information. Based on the above, SON made an assumption at the present time these reports are not developed and they are not available.

SON is concerned that taking into consideration the subject site located in close proximity to the open water and the construction works and activities that is proposed be undertaken at the subject site, a substantial dewatering may be required. SON is of the opinion that water quality monitoring for all discharges be undertaken to ensure and protect the existing water quality of water resources, environmental/ecological conditions, fishery and/or aquatic health that are important and critical for SON. Based on the above, a water quality monitoring program needs to be developed and implemented for the total period of all proposed construction works and activities. The proposed water quality monitoring needs to include, but not limited to, two major components: the water quality including the basic chemistry and the ecological monitoring (BioMap) to meet requirements of MECP's PWQO. The protocol of BioMap ecological monitoring often used by MECP for the municipal and provincial projects.

RESPONSE:

See response to SON recommendation for Water Quality Monitoring Program #1 on Page 7.

The draft ESR make references to list the very basic sediment and erosion control measures, making also a commitment that a more detailed sediment and erosion control measures will be developed during the detailed design stage and also the considerations were provided to engage a shoreline professional engineer to design a specific shoreline revegetation and stabilization adjacent to the WTP site during the design stage and all these to implement during construction.

SON is of the opinion that to engage a shoreline professional engineer to design a specific shoreline revegetation and stabilization adjacent to the WTP site during the design stage is a great approach. However, based on our reviews of the provided information/reports, SON is of the opinion that the Conceptual Erosion Sediment

Control Plan for the proposed works needs to be included in the final ESR and include, but not be limited to, all applicable specific major components and measures to protect, control and to mitigate the sediment and erosion control during dry and/or wet weather conditions (considering also potentially the extreme storm/runoff conditions that may related to the climate change conditions) and make extra efforts to minimize and/or will eliminate any potential direct discharges to the open water. The upgraded Conceptual Erosion Sediment Control Plan and Measures (including conceptual mitigations measures) for the subject site and proposed works must be effective and robust during the various weather conditions and must secure the required protection of the water resources, preserve water quality, fishery and aquatic systems health and it is important and critical for the protection of SON commercial fishing.

RESPONSE:

See response to SON recommendation for the Preliminary Conceptual Erosion Sediment Control Plan on Page 9.

SON recommends that the Final ESR report for the Town of Collingwood Raymond A. Barker WTP Expansion Class EA proposed work will include the following commitments to develop and implement the following:

- *The water quality monitoring program to measure, evaluate and report on all potential discharges from the subject site to the open water-the Bay during all proposed construction works and activities (Phase 1 and Phase 2) until the completed work assumption. Water quality monitoring program #1 needs to include two major components: the basic water chemistry parameters in accordance with MECP's PWQO and biological (BioMap) monitoring components for measuring and reporting on the surface water environmental/ecological quality discharges during all periods of construction for the work proposed by this Class EA.*

RESPONSE:

The commitment to develop a water quality monitoring program (Water Quality Program #1) during all periods of construction is included in the Final Draft ESR and will be part of the scope of engineering services for the design phase of the WTP expansion.

In addition to a commitment to engage a shoreline Professional Engineer during Final Design, the Final Draft ESR also stipulates that environmental monitoring will be conducted on behalf of the Town with regular inspections during the construction phase. Environmental monitoring will require completion of a checklist with each inspection to verify the condition of the erosion control system including confirmation that:

- **Sediment and erosion controls are installed to project specifications.**
- **Silt control barriers are properly trenched.**
- **Sediment control devices fully contain runoff.**
- **Sediment controls are tight and free of rips.**
- **Silt fences, check dams and rip-rap do not have excessive sediment buildup.**
- **Permeable barriers do not have excessive sediment buildup.**
- **Erosion controls cover all exposed areas of concern including exposed ditches.**

- Inactive disturbed areas have become stabilized.
- Stockpiled soils are protected from erosion.
- Site catch basins are protected from the entry of silt and sediment.
- Imported fill is free construction debris and contamination.
- Dust control measures are adequate.
- Construction waste has been cleared from completed areas.
- Vehicles and machinery are parked in the designated area for storage and refueling complete with spill containment and emergency clean up procedures in place.

There have been no specific geotechnical or hydrogeological evaluations developed for this Class EA; however, a geotechnical investigation was completed for the original membrane plant in 1995. Dewatering will be required for the construction of underground structures and piping. A geotechnical/ hydrogeological investigation, which will include water chemistry analysis, will be undertaken during Final Design to determine monitoring requirements to meet MECP's Provincial Water Quality Objectives (PWQO) and estimated daily water taking, including procurement of a PTTW for construction purposes if required.

- Water quality monitoring program #2 to measure, evaluate and report on the wastewater back washing or any other wastewater residue management/wastewater discharges to the open water- the Bay is required to be developed and implemented and the water quality monitoring program needs to include the basic water chemistry parameters and bacteria count in accordance with MECP's PWQO;

RESPONSE:

Details of the Water Quality Monitoring Program #2 will be developed during final design. However, MECP typically applies two limits to meet for the discharge of non-chemical backwash wastewater:

1. Total Suspended Solids – based on annual average concentration (typically 25 mg/L)
2. Total Chlorine Residual – based on maximum concentration (typically 0.03 mg/L given accuracy of instruments)

Because the raw water total solids are low, no chemicals will be added to the raw water supply that would increase the solid loadings (total mass of solids) in the wastewater generated from the membrane plant. Hence, the daily wastewater solid loadings from the plant will be identical to the daily raw water solid loadings into the plant.

The TSS concentration in the wastewater will be higher than that in the raw water by a concentration factor depending on the membrane recovery rate. For the proposed recovery rate of 90% and given a raw water TSS concentration of 2 mg/L, the TSS concentration in the wastewater generated from the membranes will be approximately 20 mg/L. This is lower than the MECP wastewater annual average disposal limit of 25 mg/L for this plant, which is typically based on monthly composite samples averaged over the year.

Neutralized wastewater from the chemically enhanced backwash (CEB) process and from the clean-in-place (CIP) process for the membrane system will be discharged directly

from the cleaning/neutralization pumps to the sanitary sewer for treatment at the Town's wastewater treatment plant.

SON requests the review of the recommended finalized Water quality monitoring programs #1 and #2, prior to implementation. Upon your receipt of all future monitoring reports of these programs with the collected data and analysis, SON asks the Town of Collingwood and its Consultant to forward these reports to the SON Environmental Office.

RESPONSE:

These two water quality monitoring programs will be prepared as part of the Final Design and will be provided to SON for review and approval prior to implementation.

MECP is the authorized Agency for receiving and enforcing monitoring reports. However, the Town has no objection to SON requesting copies of the reports from MECP.

The Conceptual Erosion Sediment Control Plan for the subject site for the proposed construction works and activities needs to expand and to identify all applicable conceptual specific for the sediment and erosion control components measure, including also proposed mitigation measures to protect the water resources (open waters and groundwater) during dry and wet weather conditions. The developed Erosion Sediment Control Plan for the subject site and proposed works must be the most effective, efficient and robust during all weather conditions and to secure the required protection of the water resources, water quality, fishery and aquatic systems and eliminate any potential discharges. The considered set back from the shore of the open water to the site should exceed the proposed minimum 30 m set back in order to maximize protection of the aquatic endangered species under ESA and the Special Concerns species, as well as to minimize potential acceleration of sediment discharge from the subject site to the open water and maximize protection of the water quality.

RESPONSE:

In the attached Final Draft ESR the details of the Preliminary Conceptual Erosion Control Sedimentation Plan are provided on Drawings SC1 and SC2. This Plan will be augmented and updated during final design and will include recommendations from a shoreline Professional Engineer. It is assumed that the Erosion Sediment Control Plan is to be implemented prior to and during construction and will be removed upon completion of construction.

The AECOM Natural Environment Report (see Appendix E of the Final Draft ESR) notes there are no designated natural heritage features or areas (e.g., significant wetlands, etc.) or ecological communities within the study area. Since no in-water work is proposed, the Report concludes that the potential indirect effects on fish and fish habitat as a result of construction of the project are considered low as long as avoidance and mitigation measures are effectively implemented. These measures, as summarized below, have been incorporated into the Preliminary Conceptual Erosion Sediment Control Plan. They are described in detail in the AECOM report and will be developed and augmented further in the Final Design.

Scheduling of Construction Activities

- Strategic scheduling of works near water to:

- **Respect the timing windows to protect fish, including their eggs, juveniles, spawning adults and/or organisms upon which they feed.**
- **Avoid wet, windy and rainy periods that may increase erosion and sedimentation.**
- **Conduct vegetation clearing and trimming outside of the overall bird nesting period (April 1st to August 31st) to avoid incidental take and limit disturbance to migratory birds or their nests.**

Erosion and Sediment Control

- **Proposed works to not occur in water and to remain above the High-Water Mark of Nottawasaga Bay.**
- **Erosion and Sediment Control Plan to be implemented prior to the start of construction to minimize the risk of sedimentation to the waterbody during all phases of construction, including:**
 - **Installation of effective erosion and sediment control measures before starting work to prevent sediment from entering Nottawasaga Bay.**
 - **Measures for managing water flowing onto the site, as well as water being pumped/ diverted from the site such that sediment is filtered out prior to the water entering Nottawasaga Bay.**
 - **Measures to contain and stabilize any waste material above the High-Water Mark (HWM) to prevent re-entry.**
 - **Regular inspection and maintenance of erosion and sediment control measures and structures, especially during a major storm event.**
 - **Repairs to erosion and sediment control measures and structures if damage occurs.**
 - **Removal of non-biodegradable erosion and sediment control materials once site is stabilized.**
 - **Incorporation in the Final Design of site management practices (e.g. site grading, curb controls, catch basins) to manage impervious surface runoff and impacts from road de-icing during the operation of the new facility to negate the effects of increased runoff to Nottawasaga Bay.**
- **Clear delineation of the construction footprint, in the form of construction fencing and/or silt fence barriers, to avoid accidental damage to retained vegetation.**
- **Pruning any tree limbs or roots that are accidentally damaged by construction activities.**
- **Avoiding clearing of riparian vegetation.**
- **Minimizing vegetation removal and limiting removal to the construction footprint.**
- **Revegetating cleared areas using native plant species.**
- **Immediate stabilization of any shoreline and/or banks disturbance by any activity associated with the project to prevent erosion and/or sedimentation.**
- **Erosion and sediment control measures to be maintained until all disturbed ground has been permanently stabilized, any suspended sediment has resettled.**

Operation and Use of Machinery and Industrial Equipment

- **Planning of activities near water to ensure that such materials such as paint, primers, blasting abrasives, rust, solvents, degreasers, grout or other chemicals do not enter Nottawasaga Bay.**
- **Development of a response plan for spills before work commences, to be implemented immediately in the event of a sediment release or spill of a deleterious substance.**
- **Handling and treatment of building material used near Nottawasaga Bay in a manner to prevent the release or leaching of substances into the water that may be deleterious to fish.**
- **Confirmation that machinery arrives on site in a clean condition and is maintained free of fluid leaks, invasive species and noxious weeds.**
- **Washing, refueling and servicing of machinery and storage of fuel and other materials for the machinery in a specified area at least 30 m away from Nottawasaga Bay in such a way as to prevent any deleterious substances from entering the water.**
- **Stockpiling of materials or equipment within the construction footprint; in addition to being kept at least 30 m away from Nottawasaga Bay.**
- **Removal of all construction materials from site upon project completion.**

SON reviewed the provided Inspection Reports of Water Intake Facilities, Collingwood, Ontario which were prepared by Watech Services Inc., dated May 2017, 2018, 2019, and stated that “the offshore intake structures (4 risers) are generally in good conditions”.

However, it should be noted that:

- a) the existing intake system is approximately 70 years old and the theoretical life expectancy typically for these systems are approximately 80-100 years;*
- b) the presented information has not provided an assessment and estimation of the remaining life expectancy of this system;*
- c) no further recommendations of the monitoring or improvements were recommended in these*
- d) reports; and*
- e) all provided information in reports have not been stamped by a Professional Engineer; and*
- f) the Town of Collingwood is planning to proceed with the proposed work for Phase 1 where the work has been estimated in the amount of approximately \$60 M.*

RESPONSE:

We have confirmed that the intake at the RAB Water Treatment Plant was constructed in 1969, therefore it is approximately 50 years old. The Town acknowledges that the typical useful life of these assets is 80-100 years, thus it is likely the intake structure will need to be replaced in the next 30-50 years. As an increase to the intake structure capacity is not anticipated for the expansion project, modifications to the intake structure are not part of the scope or budget for Phase 1.

As noted above, the intake inspection reports indicate that no further monitoring or improvements are required at this time. However, the Town intends to continue to complete annual inspections of the intake and implement the recommended repairs/improvements identified in these assessments. Historically these intake inspections have not been conducted or reviewed by a Professional Engineer, but this is something the Town will endeavor to incorporate into future intake inspections.

Based on the requirements of the Municipal Class Environmental Assessment, SON is expecting that all our comments will be included in the Final ESR for the for the Town of Collingwood Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion.

RESPONSE:

Enclosed with this letter is the Final Draft ESR.

First Nation - SON Consultation Plan

1. Meet the requirements as 'duty to consult' in accordance with SON's Consultation Process Protocol, practices and vision/traditional knowledge;
2. Provide SON with the fund capacity and the required agreements to participate in the requested review;
3. Consult and conduct meetings with SON, the Town's Consultant; and
4. Obtain SON's acceptance for the recommended solution for the Town's Class EA Study for the Raymond A. Barker Water Treatment Plant Expansion

RESPONSE:

Acknowledged. The Town is requesting SON submit an invoice for reimbursement of costs incurred to complete the technical review of the Town's ESR for this project. The invoice should be sent by email to Ken Kaden (kkaden@collingwood.ca).

If, at the time of SON's final review completion, the SON Environment Office and leadership determine that no negative impacts will occur within its Territory or adjacent lands/water resources system, and/or those impacts can be sufficiently mitigated, SON will agree to provide a letter withdrawing any objections to proceeding. If the review determines that negative impacts will occur, SON will proceed with a draft consultation and accommodation/economical plan and a meeting with the proponent to discuss the matter further.

RESPONSE:

Acknowledged. Should SON determine at this stage that potential negative impacts will be sufficiently mitigated based on our responses, we would appreciate receiving your letter withdrawing any objections by September 24, if possible, so the Town can file the ESR with MECP and proceed to the final design phase.

We wish to thank you for your input into this Class EA planning process and want to assure you that we will endeavour to provide all of the information you require to complete your review.

Yours truly,

AINLEY & ASSOCIATES LIMITED



M.W. Ainley, P.Eng., PMP
Project Manager

Cc – Juanita Meekins, SON
Berta Krichker, SON
Ken Kaden, Town of Collingwood
Heather McGinnity, Town of Collingwood



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E-mail: collingwood@ainleygroup.com

August 24, 2020

File No. 119013

[Redacted]

Ref: Town of Collingwood
Water Treatment Plant Expansion Class EA

Dear [Redacted]:

We are responding on behalf of the Town of Collingwood to your email dated August 16, 2020. We thank you for your input and we have included your email in the Final ESR for documentation purposes. During the final design of the proposed expansion of the plant, a landscaping plan will be developed for Town approval. Your request for a mature tree screening between the WTP property and the Sunset Cove Condominium will be considered at that time.

Yours truly

AINLEY & ASSOCIATES LIMITED

M.W. Ainley, P.Eng., PMP
Project Manager

Cc – Ken Kaden, Project Coordinator, Environmental Services, Town of Collingwood

SON Confirmation Letter September 23, 2020

September 23, 2020

Ken Kaden, P.Eng, Project Engineer,
Environmental Services
The Town of Collingwood
43 Stewart Road
Collingwood ON L9Y 4N7

Dear Mr Kaden:

**Re: Saugeen Ojibway Nation Final Review Comments for
Town of Collingwood Municipal Class Environmental Assessment Study
Raymond A. Barker Water Treatment Plant Expansion
In Accordance with SON Consultation Process**

The Saugeen Ojibway Nation (SON) acknowledges receiving a response letter, dated September 10, 2020, from Ainley Consulting Engineers Planners (Ainley) issued on behalf of the Town of Collingwood (the Town) for the Raymond A. Barker Water Treatment Plant Expansion Municipal Class Environmental Assessment Study, Schedule 'C', in response to the SON Review Comments letter issued on July 22, 2020.

On behalf of SON, please accept my thanks for forwarding by email the above-noted information together with the Raymond A. Barker Water Treatment Plant (WTP) Expansion Municipal Class EA (Class EA) Final Draft Environmental Study Report (ESR), and by hard copy, the ESR and Appendix A and G. The received information included the following:

- Raymond A. Barker Water Treatment Plant Expansion, Schedule 'C' Class Environmental Assessment Study, Final Draft Environmental Study Report, prepared by Ainley;
- Appendix G - Town of Collingwood Raymond A. Barker Water Treatment Plant - Alternatives Selection Technical Memorandum Rev, 7, prepared by AECOM, April 8, 2020;
- Appendix A-Town of Collingwood Final Master Plan Collingwood, Water and Sanitary Sewer Systems- Cole Engineering Group Ltd. December, 2019.

On behalf of the SON Environment Office, we would like to extend our sincere appreciation to the Town of Collingwood for its commitment to the Municipal Class EA project Consultation Process. We also acknowledge your comprehensive and open dialogue with First Nations communities, and specifically with SON, during this Class EA study consultation.

Furthermore, SON is pleased to advise that the majority of our review comments/concerns have been addressed and comprehensive explanations were provided, along with the proponent's commitments incorporated into the response letter and the final draft ESR.

The Town and its consultant expressed the commitment to undertake SON's requested additional evaluations/studies and monitoring programs that were identified in the SON Review Comments dated July 22, 2020.

We look forward to working with the Town and its consultant on the design stage of this project that was identified in the SON comments (SON Consultation Process for Class EAs as **Stage 3**).

We look forward to receiving the Notice of Study Completion for the Municipal Class Environmental Assessment (EA) Study, Schedule 'C' Raymond A. Barker Water Treatment Plant Expansion.

The SON Environmental Office confirms the **SON Consultation Process Stage 1 and Stage 2** for the Municipal Class EA, the Town of Collingwood for the Raymond A. Barker Water Treatment Plant Expansion Municipal Class EA has been successfully completed and that **SON has no objections to the recommended, preferred solution for this project.**

The SON Environmental Office has recommended to SON leadership that they accept the Leachate Management Class EA Final Report preferred solution.

We look forward to working together to successfully complete the design and construction of this project.

Respectfully,

A handwritten signature in black ink, appearing to read 'D. Ritchie', with a long horizontal flourish extending to the right.

**Doran Ritchie /Manager of Resources and Infrastructure
Saugeen Ojibway Nation (SON) Environment Office**

Cc: Mike Ainley P.Eng., PMP-Project Manager Ainley Group