

A

Appendix A: Master Project Contact List



Moose Creek Wastewater Treatment Lagoons Class C EA

Project Contact List

Last update: 02 October 2025

First Name	Last Name	Title	Company/ Organization	Department	Address	City	Province	Postal Code	Email	Telephone
Federal Agencies										
John	Moffet	Assistant Deputy Minister	Environment and Climate Change Canada	Environmental Protection Branch	351, boul. Saint-Joseph	Gatineau	QC	K1A 0H3	john.moffet@ec.gc.ca;	819-420-7907
Dan	McDonell	Manager, EA Section	Environment and Climate Change Canada		4905 Dufferin Street	Toronto	ON	M3H 5T4	Dan.McDonell@ec.gc.ca;	
To Whom It May Concern			Parks Canada	Parks Canada National Office	30 Victoria Street	Gatineau	QC	J8X 0B3	information@pc.gc.ca	
To Whom It May Concern			Indigenous Services Canada	Environmental Assessment Branch					aadnc.ee-ea.aandc@canada.ca;	
Shannon	Doyle	Regional Manager	Indigenous Services Canada	Lands Operations	655 Bay Street, Suite 700, 8th Floor	Toronto	ON	M5G 2K4	shannon.doyle@canada.ca;	
Pauline	Haarmeyer	Senior Land Negotiations Officer	Indigenous Services Canada		655 Bay Street, Suite 700, 8th Floor	Toronto	ON	M5G 2K4	pauline.haarmeyer@canada.ca;	
			Indigenous Services Canada	Public Inquiries					infopubs@sac-isc.gc.ca	
To Whom It May Concern			Impact Assessment Agency of Canada	Ontario Office	55 York Street, 6th Floor	Toronto	ON	M5J 1R7	ontarioregion-regiondontario@iaac-aeic.gc.ca;	
To Whom It May Concern			Fisheries and Oceans Canada	Fish and Fish Habitat Protection Program Fisheries and Oceans Canada	867 Lakeshore Road	Burlington	ON	L2R 4A6	FisheriesProtection@dfo-mpo.gc.ca	
To Whom It May Concern			Crown-Indigenous Relations and Northern Affairs Canada						aadnc.infopubs.aandc@canada.ca	
To Whom It May Concern			Environment and Climate Change Canada - Environmental Assessment Section		200 Sacré-Coeur Blvd	Gatineau	QC	K1A 0H3	ec.enviroinfo.ec@canada.ca	
To Whom It May Concern			Transport Canada		4900 Yonge St	Toronto	ON	K1A 0H3	EnviroOnt@tc.gc.ca	
Provincial Agencies / Rep										
To Whom It May Concern			Ministry of the Environment, Conservation and Parks	Eastern Region, Peterborough MECP District Office	2nd floor 300 Water Street Robinson Place, South Tower	Peterborough	ON	K9J 8M5	eanotification.eregion@ontario.ca	1-800-558-0595 (toll free) 705-755-4300
Trevor	Griffin	Regional Director	Ministry of Natural Resources and Forestry	Southern Region, Director's office	300 Water St	Peterborough	ON	K9J 8M5	trevor.griffin@ontario.ca	613-840-6906
Karla	Barboza	Team Lead - Heritage	Ministry of Citizenship and Multiculturalism (MCM)	Heritage Planning Unit, (Citizenship and Multiculturalism)	5th, 400 University Ave	Toronto	ON	M7A 2R9	Karla.barboza@ontario.ca;	416-660-1027
Erika	Leclerc	Heritage Planner	Ministry of Citizenship and Multiculturalism (MCM)	Heritage Planning Unit, (Citizenship and Multiculturalism)					erika.leclerc@ontario.ca	416-305-0757
Amanda	Mizerski	Director (Acting)	Ministry of Tourism, Culture, and Sport	Director, Sport, Recreation and Community Programs	2nd Flr, 400 University Ave	Toronto	ON	M7A 2R9	Amanda.mizerski@ontario.ca	647-298-5609
To Whom It May Concern	Mott	Eastern and Northeastern Ontario	Ministry of Agriculture, Food and Agribusiness	Land Use Policy & Stewardship	PO Box 2004				sharedeanotices@ontario.ca	
Scott	Duff	Director	Ministry of Agriculture, Food and Agribusiness	Policy Division - Economic Development Policy	Ontario Government Bldg 2nd Flr NE 1 Stone Rd W	Guelph	ON	N1G 4Y2	scott.duff@ontario.ca;	519-820-3331
Adam	Cotter	Director of Stakeholder Relations	Ministry of Infrastructure	Minister's Office	College Park 5th Flr Rm 5E200 777 Bay St	Toronto	ON	M7A 2J3	Adam.Cotter6@ontario.ca	647-404-1402
Amar	Singh	Executive Vice President - Commercial Advisory & Strategy	Infrastructure Ontario	Commercial Advisory and Strategy	1 Dundas Street West, Suite 200	Toronto	ON	M6P 2A1	Amar.Singh@infrastructureontario.ca;	416-845-6159
Tia	Hopkinson	Executive Assistant	Infrastructure Ontario	Procurement and Program Management	1 Dundas Street West, Suite 200	Toronto	ON	M6P 2A1	tia.hopkinson@infrastructureontario.ca	647-264-2479
Matthew	Landry	Stakeholder and Partner Relations Manager	Indigenous Affairs and First Nations Economic Reconciliation	Minister's Office	160 Bloor St	Toronto	ON	M7A 2E6	matthew.landry2@ontario.ca	416-326-4740 1-866-381-5337 (toll free)
Erika	Robson	Director of Communications Indigenous Affairs	Ministry of Indigenous Affairs and First Nations Economic Reconciliation	Minister's Office	Suite 400, 160 Bloor St East	Toronto	ON	M7A 2E6	Erika.Robson@ontario.ca	

Moose Creek Wastewater Treatment Lagoons Class C EA

Project Contact List

Last update: 02 October 2025

First Name	Last Name	Title	Company/ Organization	Department	Address	City	Province	Postal Code	Email	Telephone
Jen	Liptrot	Regional Director	Ministry of Municipal Affairs and Housing	Eastern Municipal Services Office	Rockwood House 8 Estate Lane	Kingston	ON	K7M 9A8	jen.liptrot@ontario.ca	613-539-2891
Franca	Sacchetti	Director, East Operations	Ministry of Transportation	Operations Division, East Operations,	PO Box 4000 1355 John Counter Blvd	Kingston	ON	K7L 5A3	Franca.Sacchetti@ontario.ca	705-493-1428
Galvin	Li	Branch Administrative Coordinator	Ministry of Transportation	Operations Division, East Operations,	1355 John Counter Blvd	Kingston	ON	K7L 5A3	galvin.li@ontario.ca	705-492-2784
Nolan	Quinn	MPP - Member of Provincial Parliamen	United Counties of Stormont–Dundas–South Glengarry		Time Square, Suite 100 120 Second St. W	Cornwall	ON	K6J 1G5	Nolan.Quinn@pc.ola.org	613-933-6513
Conservation Authorities/ SPA										
To Whom It May Concern					38 Victoria Street. P.O. Box 29	Finch	ON	K0C 1K0	info@nation.on.ca	613-984-2948
Carl	Bickerdike	Chief Administrative Officer	South Nation Conservation		38 Victoria Street. P.O. Box 29	Finch	ON	K0C 1K0	cbickerdike@nation.on.ca	
Laura	Crites	Environmental Planner	South Nation Conservation		38 Victoria Street. P.O. Box 29	Finch	ON	K0C 1K0	lcrites@nation.on.ca	
Sandra	Mancini	Managing Director, Natural Hazards and Infrastructure	South Nation Conservation				ON		smancini@nation.on.ca	
Jennifer	Boyer	Managing Director, Approvals	South Nation Conservation						Jboyer@nation.on.ca	
To Whom It May Concern		Planning Department	South Nation Conservation						planning@nation.on.ca	
Susan	Rutters	Superintendent of Schools	Upper Canada District School Board		225 Central Ave W	Brockville	ON	K6V 5X1	susan.rutters@ucdsb.on.ca	
Jennifer	Perry	Superintendent of Schools	Upper Canada District School Board		225 Central Ave W	Brockville	ON	K6V 5X1	jennifer.perry@ucdsb.on.ca	
General Contact			Catholic District School Board of Eastern Ontario		2755 Highway 43	Kemptville	ON	K0G 1J0	mail@cdsbeo.on.ca	
General Contact			Moose Creek Chamber of Commerce				ON		mccchambercommerce@gmail.com	
Marc	Legault	Director - Public works	The Nation Municiplity		3248 County Road 9	Fournier	ON	K0B 1G0	francis.briere@nationmun.ca	
Municipality - North Stormont & OCWA operations										
François	Landry	Mayor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	flandry@northstormont.ca	613-805-2476
Steve	Densham	Deputy Mayor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	sdensham@northstormont.ca	613-346-0544
Megan	Benoit	Planner	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	planning@northstormont.ca	Extension 260
Andre	Brisson	Chief Building Official	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	abrisson@northstormont.ca	Extension 225
Blake	Henderson	Public Works Superintendent	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	bhenderson@northstormont.ca	Extension 227
Elliot	Keller	Public Works Supervisor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	ekeller@northstormont.ca	Extension 214
Charles	Shane	Councillor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	cshane@northstormont.ca	613-880-7166
Adrian	Bugelli	Councillor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	abugelli@northstormont.ca	613-662-4890
Alison	McDonald	Councillor	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	amcdonald@northstormont.ca	613-297-4295
Craig	Calder	Chief Administrative Officer/Clerk	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	ccalder@northstormont.ca	
Bethany	MacDonald	Administrative Assistant - Public Works	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	bmacdonald@northstormont.ca	
Ryan	O'donnell	Planning Technician	Township of North Stormont		PO Box 40	Finch	ON	K0C 1K0	rodonnell@northstormont.ca	
Dawn	Crump	Senior Manager, Operations	OCWA						dcrump@ocwa.com	
Utilities										
Angela	Taylor	Implementation Manager	Bell Canada		136 Bayfield Street, 2nd Floor	Barrie	ON	L4M 3B1	angela.taylor@bell.ca	
To Whom It May Concern			Rogers	Project Manager	436 Hazeldean	Kanata	ON	K2L 1T9	ProjectManagerOntario@rci.rogers.com	1-800-958-5000
To Whom It May Concern			Hydro One Inc.	Secondary Land Use	483 Bay Street, South Tower, 8th Floor Reception 18 Pe	Trenton	ON	K8V 5A7	Secondarylanduse@hydroone.com	1-888-664-9376
To Whom It May Concern			Enbridge Gas Inc.	Municipal Planning					municipalplanning@enbridge.com	
Sherry	Erskine		Enbridge Gas Inc.	Lands & Permitting					Sherry.Erskine@enbridge.com	
Tiffany	Easby		Enbridge Gas Inc.	Economic Development					tiffany.easby@enbridge.com	
To Whom It May Concern			GFL Environmental - Moose Creek		17125 Lafleche Rd	Moose Creek	ON	K0C 1W0	info@gflevn.com	613-538-2776
Greg	van Loen	Environmental Compliance Officer	GFL Environmental - Moose Creek						gvanloenen@gflevn.com	
	General Contact	Public Works	Canadian Pacific Railway (CPR)						PublicWorks_East@cpr.ca	

Moose Creek Wastewater Treatment Lagoons Class C EA
Project Contact List
Last update: 02 October 2025

First Name	Last Name	Title	Company/ Organization	Department	Address	City	Province	Postal Code	Email	Telephone
General Contact	Public Works		CN Rail						ER-Public-Works@cn.ca	
General Contact			Trans-Northern Pipelines Inc.		45 Vogell Road, Suite 310	Richmond Hill		L4B 3P6	info@tnpi.ca	
General Contact			TransCanada PipeLines Ltd.		442 Brant Street, Suite 204	Burlington		L7R 2G4	TCEnergy@mhbcpplan.com	
First Nations										
To whom it may concern			Algonquins of Ontario	Reception	31 Riverside Drive Suite 101	Pembroke	ON	K8A 8R6	algonquins@tanakiwin.com	1-855-735-3759 613-735-3759
Jim	Meness	Executive Director	Algonquins of Ontario		31 Riverside Drive Suite 101	Pembroke	ON	K8A 8R6		
Katrina	Mask	Office and Administration Coordinator	Algonquins of Ontario		31 Riverside Drive Suite 101	Pembroke	ON	K8A 8R6		
Sasha	Sarazin	Reception	Algonquins of Pikwakanagan First Nations	Reception Services	1657A Mishomis Inamo	Pikwakanagan	ON	K0J 1X0	admin.reception@pikwakanagan.ca	613-625-2800 ext 221
Greg	Sarazin	Chief	Algonquins of Pikwakanagan First Nations		1657A Mishomis Inamo	Pikwakanagan	ON	K0J 1X0	chief@pikwakanagan.ca	
Kyle	Robinson	Communications & Public Relations Lead	Algonquins of Pikwakanagan First Nations	Executive Office	1657A Mishomis Inamo	Pikwakanagan	ON	K0J 1X0	communications@pikwakanagan.ca	
James	Kushny	Natural Resources Manager	Algonquins of Pikwakanagan First Nations	Natural Resources	1657A Mishomis Inamo	Pikwakanagan	ON	K0J 1X0	mgr.naturalresources@pikwakanagan.ca	613-625-2800 ext 253
Amanda	Two-Axe Kohoko	Manager Consultation	Algonquins of Pikwakanagan First Nations	Consultation	1657A Mishomis Inamo	Pikwakanagan	ON	K0J 1X0	consultation@pikwakanagan.ca	
Abram	Benedict	Grand Chief	Mohawks Council of Akwesasne		101 Tewesateni Road	Akwesasne	ON	K6H 0G5	grand.chief@akwesasne.ca	(613) 575-2348
To whom it may concern			Mohawks Council of Akwesasne	Reception	101 Tewesateni Road	Akwesasne	ON	K6H 0G5	info@akwesasne.ca	613-575-2250 ext 2100 Front desk
To whom it may concern			Huron-Wendat		255, place Chef Michel Laveau	Wendake	QC	G0A 4V0	administration@wendake.ca	418-843-3767
To whom it may concern			Huron-Wendat		255, place Chef Michel Laveau	Wendake	QC	G0A 4V0	consultations@wendake.ca	418-843-3767
Pierre	Picard	Grand Chief	Huron-Wendat		255, place Chef Michel Laveau	Wendake	QC	G0A 4V0		418-843-3767
Marie-Sophie	Gendron	Archaeological Analyst	Huron-Wendat		255, place Chef Michel Laveau	Wendake	QC	G0A 4V0	Marie-Sophie.Gendron@wendake.ca	
Dominique	Lesage	Operations Coordinator	Huron-Wendat		255, place Chef Michel Laveau	Wendake	QC	G0A 4V0	Dominique.Lesage@wendake.ca	

B

Appendix B: Project Notices



Municipal Class Environmental Assessment for
Moose Creek Wastewater Treatment Lagoons
NOTICE OF STUDY COMMENCEMENT



June 06, 2025

Public Notice

The Township of North Stormont is initiating a Schedule C Class Environmental Assessment (Class EA) study for the proposed expansion of the existing Moose Creek Wastewater Treatment Lagoon (WWTL).

The WWTL is currently operating at 80% of its rated capacity and has had difficulty meeting its effluent limits in recent years. The Master Service Plan (MSP) of 2024 identified the need for increased treatment capacity and efficiency at the WWTL.

This project continues the EA process from the MSP and aims to upgrade the wastewater treatment capacity in the Village of Moose Creek, to accommodate projected population growth and planned developments in the area, as well as to address current treatment limitations. The Study Area limits are illustrated in Figure 1.

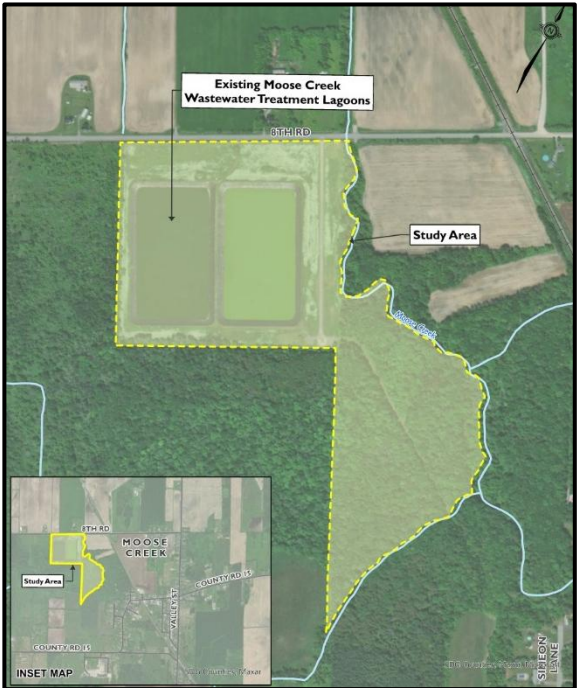


Figure 1: Study Area

The Process

The Class EA study will be carried out as per the requirements of a Schedule ‘C’ project of the Municipal Class Environmental Assessment document (October 2000, amended in 2007, 2011, 2015, 2023 & 2024). The Class EA study will identify and evaluate alternative design concepts for increased WWTL capacity. Preferred treatment design concepts will be selected to minimize technical, socio-cultural, natural environmental and economic impacts.

Public Consultation

Public consultation is an integral component of the Class EA process, and your input is valued during the planning process. One (1) Public Information Centre (PIC) will be held in association with the Class EA study. Once a date for the PIC has been scheduled, invitation notices to the PIC will be published in the local newspaper, on the Township’s website (www.northstormont.ca) and distributed to all individuals who express an interest in this project.

If you wish to be placed on the Project Contact List to receive notices and information, or, to provide comments at any time during the process you can do so by contacting:

Natalie Colantonio
OCWA
Project Manager
905.302.1831
ncolantonio@ocwa.com

Bradley Young
CIMA+
Project Manager
647.614.2462
bradley.young@cima.ca

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

If you require this information in an accessible format, please contact 613.984.2821 | 833.984.8683

 www.facebook.com/NorthStormont/  <https://twitter.com/NorthStormont>

Township of North Stormont
57A Cockburn Street., Berwick, ON, K0C 1G0
Telephone: 613.984.2821 | 833.984.8683
www.northstormont.ca

Municipal Class Environmental Assessment Study
Moose Creek Wastewater Treatment Lagoons
Notice of Public Information Centre



Public Notice First Published on September 04, 2025

Public Information Centre Details:

- **Date/Time:** Thursday, September 18, 2025, 6:00pm to 8:00pm
- **Location:** Moose Creek Recreation Centre
1 Munroe St, Moose Creek, ON K0C 1W0

The Township of North Stormont has initiated a Schedule C Class Environmental Assessment (Class EA) study for the proposed expansion of the existing Moose Creek Wastewater Treatment Lagoon (WWTL). This Class EA study continues the EA process from the 2024 Master Service Plan (MSP) and aims to identify the extent of expansion required at the Moose Creek WWTL to accommodate projected population growth and planned developments in the Village of Moose Creek, as well as to address current treatment limitations.

A Public Information Centre (PIC) is being held to introduce the project, preliminary results of activities completed to-date and to solicit public and Indigenous communities’ feedback on the information presented. The PIC will follow a drop-in format. Project team representatives will be available to answer questions and discuss next steps.

The Process

The Class EA study is being carried out in accordance with the requirements of a Schedule ‘C’ project of the Municipal Class Environmental Assessment document (October 2000, last amended in 2024). The Class EA study will identify and evaluate alternative design concepts for the WWTL. Preferred treatment design concepts will be selected to meet technical requirements, while minimizing socio-cultural, natural environmental and economic impacts.

The Class EA process includes public, Indigenous and external agency consultation, an evaluation of alternative solutions, an assessment of potential impacts associated with the proposed improvements, and development of measures to mitigate identified impacts.

Public Consultation

Public consultation is a vital component of the Class EA process, and your input is valued during the planning process. This PIC will be held in association with the current Class EA study, with one previous PIC completed under the 2024 MSP. Notices are published in local newspapers, on the Township’s website (www.northstormont.ca) and distributed to all individuals, communities, and agencies who express an interest in this project. If you wish to be placed on the Project Contact List to receive notices and information, or, to provide comments at any time during the process, you can do so by contacting:

Natalie Colantonio
OCWA
Project Manager
905.302.1831
ncolantonio@ocwa.com

Bradley Young
CIMA+
Project Manager
647.614.2462
bradley.young@cima.ca

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

If you require this information in an accessible format, please contact 613.984.2821 | 833.984.8683

 www.facebook.com/NorthStormont  <https://twitter.com/NorthStormont>

C

Appendix C: Public Consultation



Correspondences with the Public

Mary Jislin

From: Mary Jislin
Sent: June 12, 2025 1:41 PM
To: [REDACTED]
Cc: Natalie Colantonio; Bradley Young; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement
Attachments: Z0028411-PN-250606_Notice of Commencement_e01.pdf

Hello,

Thank you for reaching out. We have received your request to be added to the Project Contact List for the subject project.

Please find below information on the Notice of Commencement that was sent out on June 06th 2025, for your reference.

We will keep you updated on all future Notices for the Project.

Municipal Class Environmental Assessment Study – Notice of Commencement

Please find attached for your information, the Notice of Study Commencement for the Schedule C Municipal Class Environmental Assessment (Class EA) Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. The Notice will also be posted on the Township's website (www.northstormont.ca). This Class EA study will expand on the Township's recently completed Water and Wastewater Master Plan.

Your feedback and participation are valued and appreciated. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns, or inputs at any point during the process.

Thank you,

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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Mary Jislin

From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: June 11, 2025 9:13 AM
To: Mary Jislin
Subject: FW: project contact list MC WWTL

EXTERNAL EMAIL

Please see below. Thanks!

Natalie Colantonio, P.Eng
C: 1-905-302-1831



From: [REDACTED]
Sent: June-11-25 7:18 AM
To: Natalie Colantonio <NColantonio@ocwa.com>
Subject: project contact list MC WWTL

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Natalie,
Please add me to the project contact list for the Moose Creek Waste Water Treatment Lagoon upgrades.
Thank you

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

Mary Jislin

From: Mary Jislin
Sent: June 24, 2025 12:58 PM
To: [REDACTED]
Cc: Bradley Young; Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement
Attachments: Z0028411-PN-250606_Notice of Commencement_e01.pdf

Hello,

Thank you for reaching out. We have received your request to be added to the Project Contact List for the subject project.

Please find below information on the Notice of Commencement that was sent out on June 06th 2025, for your reference.

We will keep you updated on all future Notices for the Project.

Municipal Class Environmental Assessment Study – Notice of Commencement

Please find attached for your information, the Notice of Study Commencement for the Schedule C Municipal Class Environmental Assessment (Class EA) Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. The Notice will also be posted on the Township's website (www.northstormont.ca). This Class EA study will expand on the Township's recently completed Water and Wastewater Master Plan.

Your feedback and participation are valued and appreciated. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns, or inputs at any point during the process.

Thank you,

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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Do you really need to print this email? Let's protect the environment!

CONFIDENTIALITY WARNING This email is confidential. If you are not the intended recipient, please notify the sender immediately and delete it in its entirety.

From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: June 24, 2025 10:40 AM
To: Mary Jislin <Mary.Jislin@cima.ca>
Subject: FW: Please add me to the contact list for the Moose Creek Sewage Lagoon project

EXTERNAL EMAIL

FYI

Natalie Colantonio, P.Eng

C: 1-905-302-1831



From: [REDACTED]
Sent: June-24-25 10:39 AM
To: Natalie Colantonio <NColantonio@ocwa.com>
Subject: Please add me to the contact list for the Moose Creek Sewage Lagoon project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning.

We own the adjacent property [REDACTED]

We're interested in how this evolves.

Thanks, [REDACTED]

Mary Jislin

From: Mary Jislin
Sent: September 15, 2025 9:42 AM
To: [REDACTED]
Cc: Bradley Young; Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Public Information Centre
Attachments: Z0028411-250904_Notice of PIC_e01.pdf

Hello Mr. [REDACTED],

Thank you for reaching out. As per your request, we have added your alternative email address to this Project Contact List.

Please find below information and the attached Notice of Public Information Center that was sent out on September 4th 2024 to your outlook email address [REDACTED]@outlook.com).

We will keep you updated on all future Notices for the Project, at both your email addresses.

Regards,

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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CONFIDENTIALITY WARNING This email is confidential. If you are not the intended recipient, please notify the sender immediately and delete it in its entirety.

From: Mary Jislin
Sent: September 4, 2025 3:57 PM
To: Mary Jislin <Mary.Jislin@cima.ca>; Natalie Colantonio <ncolantonio@ocwa.com>
Cc: Bradley Young <Bradley.Young@cima.ca>; Z0028411-OCWA Moose Creek WWTL ClassEA <Z0028411@cima.ca>
Subject: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Public Information Centre

Municipal Class Environmental Assessment Study – Notice of Public Information Centre

Hello,

Please find attached for your information, the Notice of Public Information Centre (PIC) for the Schedule C Municipal Class Environmental Assessment Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. You are invited to attend the upcoming **PIC on Thursday September 18, 2025**, where key findings of our work and preliminary study recommendations will be presented. The details of the PIC, including location and time, are included in the attached Notice.

Your feedback and participation are valued and appreciated. The project team wants to make sure that appropriate consultation and engagement is provided to review agencies, Indigenous communities, and individuals that may have an interest in this project. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns or inputs at any point during the process, or if you wish to schedule a separate meeting to review study materials and provide input.

Hard copies of the attached Notice of PIC have been mailed to all in the contact list for whom we have a valid mailing address. If you wish to receive project notifications in digital format only moving forward or if you wish to designate an alternate recipient, please let us know.

Thank you,

MARY JISLIN, M.Eng.

Project Coordinator / Engineering Trainee

Infrastructure (Water and Wastewater)

M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870

600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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Do you really need to print this email? Let's protect the environment!

CONFIDENTIALITY WARNING This email is confidential. If you are not the intended recipient, please notify the sender immediately and delete it in its entirety.

Mary Jislin

From: Mary Jislin
Sent: July 21, 2025 1:53 PM
To: [REDACTED]
Cc: Bradley Young; Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement
Attachments: Z0028411-PN-250606_Notice of Commencement_e01.pdf

Hello,

Thank you for reaching out. We have received your request to be added to the Project Contact List for the subject project.

Please find below information on the Notice of Commencement that was sent out on June 06th 2025, for your reference.

We will keep you updated on all future Notices for the Project.

Municipal Class Environmental Assessment Study – Notice of Commencement

Please find attached for your information, the Notice of Study Commencement for the Schedule C Municipal Class Environmental Assessment (Class EA) Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. The Notice will also be posted on the Township's website (www.northstormont.ca). This Class EA study will expand on the Township's recently completed Water and Wastewater Master Plan.

Your feedback and participation are valued and appreciated. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns, or inputs at any point during the process.

Thank you,

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: July 21, 2025 11:39 AM
To: Mary Jislin <Mary.Jislin@cima.ca>
Subject: FW: Municipal Class EA - Moose Creek Wastewater Lagoons

EXTERNAL EMAIL

FYI

Natalie Colantonio, P.Eng

C: 1-905-302-1831



From: [REDACTED]
Sent: July-21-25 11:35 AM
To: bradley@cima.ca; Natalie Colantonio <NColantonio@ocwa.com>
Subject: Municipal Class EA - Moose Creek Wastewater Lagoons

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Natalie and Bradley

I would appreciate being added to your list for notifications and updates related to the Class EA being undertaken for the Moose Creek wastewater lagoons.

Thank you for your time and assistance.

Sincerely

[REDACTED]

Mary Jislin

From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: September 15, 2025 9:08 AM
To: [REDACTED]
Cc: Mary Jislin
Subject: RE: Moose creek water treatment

Follow Up Flag: Follow up
Flag Status: Completed

EXTERNAL EMAIL

Hi [REDACTED],

Thank you for reaching out. We will add you to the contact list.

The design concepts assessed in the evaluation process do not involve expansion beyond existing facility boundaries. I encourage you to attend the Public Information Centre this Thursday as our display materials will provide more detail on the assessment process to date and present the preferred design concept being considered.

Regards,

Natalie Colantonio, P.Eng (She/Her)
Project Engineer, Project Planning and Delivery Group
Ontario Clean Water Agency (OCWA)
2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
C: 1-905-302-1831



From: [REDACTED]
Sent: September-14-25 8:43 PM
To: Natalie Colantonio <NColantonio@ocwa.com>
Subject: Moose creek water treatment

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please add me too the contact list to receive information about the Moose Creek water treatment facility.

Were there any options presented that do not require expansion into the new area suggested ?

Sincerely
[REDACTED]

[Sent from the all new AOL app for iOS](#)

Mary Jislin

From: Mary Jislin
Sent: September 15, 2025 3:09 PM
To: [REDACTED]
Cc: Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA; Bradley Young
Subject: FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Public Information Centre
Attachments: Z0028411-250904_Notice of PIC_e01.pdf

Hello Mr. [REDACTED]

We have received your request to be added to the Project Contact List for the subject project. Please find below information on the Notice of Public Information Centre that was sent out on September 04th 2025, for your reference.

We will keep you updated on all future Notices for the Project.
Thank you for your interest.

Municipal Class Environmental Assessment Study – Notice of Public Information Centre

Please find attached for your information, the Notice of Public Information Centre (PIC) for the Schedule C Municipal Class Environmental Assessment Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. You are invited to attend the upcoming **PIC on Thursday September 18, 2025**, where key findings of our work and preliminary study recommendations will be presented. The details of the PIC, including location and time, are included in the attached Notice.

Your feedback and participation are valued and appreciated. The project team wants to make sure that appropriate consultation and engagement is provided to review agencies, Indigenous communities, and individuals that may have an interest in this project. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns, or inputs at any point during the process.

Thank you,

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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Mary Jislin

From: [REDACTED]@gmail.com>
Sent: September 19, 2025 10:25 AM
To: Natalie Colantonio
Cc: Mary Jislin
Subject: Re: Moose Creek Class EA PIC Boards

Follow Up Flag: Follow up
Flag Status: Completed

EXTERNAL EMAIL

Thank you!!!

On Fri, Sept 19, 2025, 8:49 a.m. Natalie Colantonio <NColantonio@ocwa.com> wrote:

Hi [REDACTED],

Thank you for attending the PIC yesterday evening. Please see attached information as requested. Let me know if you have any further questions.

Regards,

Natalie Colantonio, P.Eng (She/Her)

Project Engineer, Project Planning and Delivery Group

Ontario Clean Water Agency (OCWA)

[2085 Hurontario Street](#), 5th Floor | Mississauga, Ontario | L5A 4G1

C: 1-905-302-1831



Mary Jislin

From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: September 19, 2025 8:51 AM
To: [REDACTED]@hotmail.com
Cc: Mary Jislin
Subject: Moose Creek Class EA PIC Boards
Attachments: Z0028411_250911_MooseCreekEA_PIC1_e02.pdf

Follow Up Flag: Follow up
Flag Status: Completed

EXTERNAL EMAIL

Hi [REDACTED],

Thank you for attending the PIC yesterday evening. Please see attached information as requested. Let me know if you have any further questions.

Regards,

Natalie Colantonio, P.Eng (She/Her)
Project Engineer, Project Planning and Delivery Group
Ontario Clean Water Agency (OCWA)
2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
C: 1-905-302-1831



PIC Boards & attendance sheet



WELCOME

Schedule C Class Environmental Assessment Study for Expansion of the Moose Creek Wastewater Treatment Lagoons (WWTL)

Public Information Centre

Thursday, September 18, 2025

6:00 pm to 8:00 pm

Location: Moose Creek Recreation Centre

Key Instructions for this Meeting

Public Information Centre

1

Please Sign in
Meeting is a “Drop-in” format.

2

Review Display Materials
Our representatives will be pleased to discuss the study, or any questions or concerns that you may have.

3

Complete a Comment Sheet
Drop off your completed Comment Sheet in the Box tonight or return it to the people shown on the Comment Sheet by October 09, 2025.

Why are we here tonight?

The Township of North Stormont is undertaking a **Schedule C Municipal Class Environmental Assessment (Class EA) Study** to select the preferred alternative to meet future wastewater treatment demands in the Village of Moose Creek.

Objectives of this **Public Information Centre:**



Recap the project background and EA Progress



Present alternative Preliminary Preferred Technology and/or Design Concept considered for increasing the wastewater treatment capacity at Moose Creek



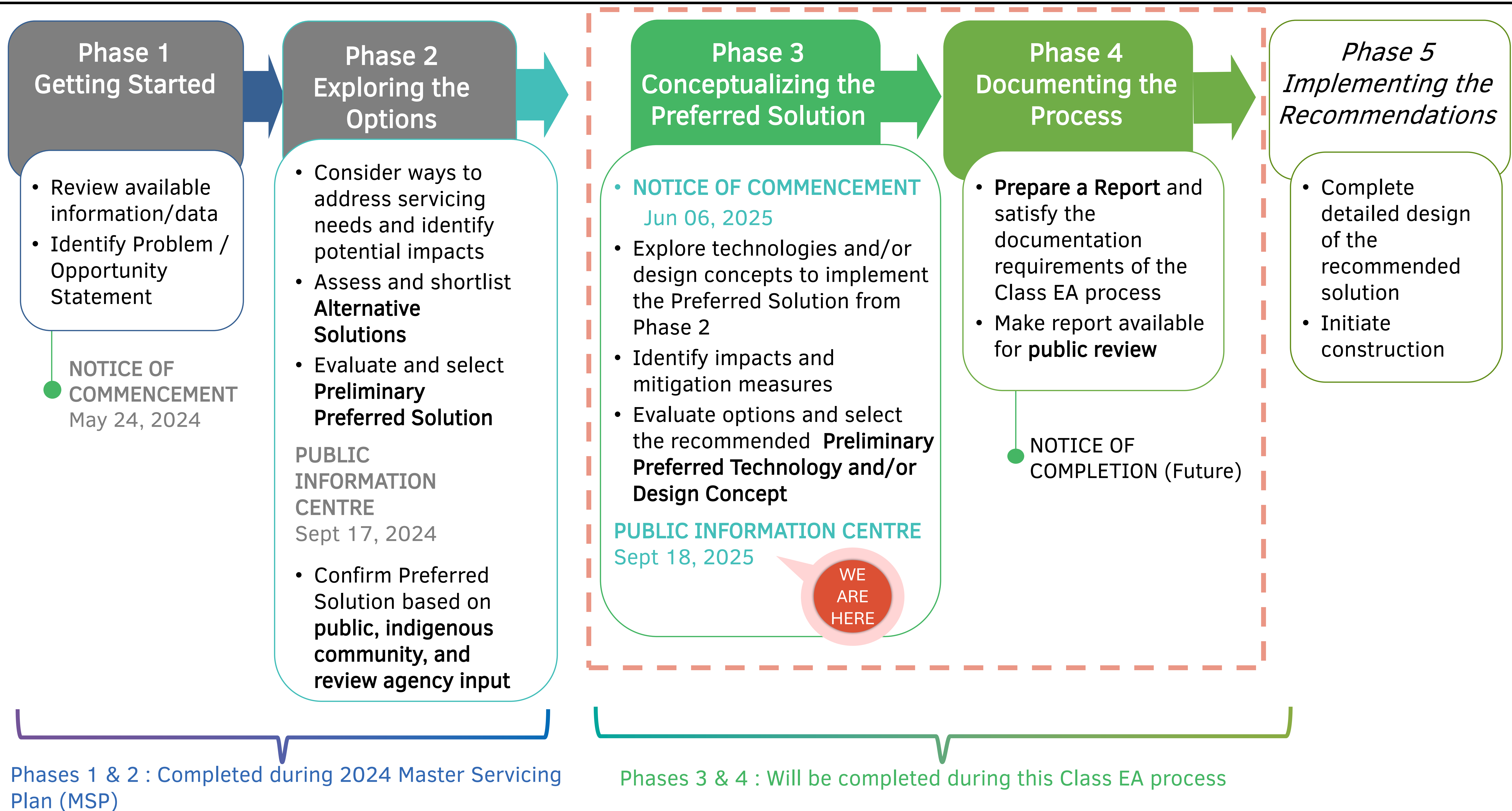
Receive comments from the public about the Preferred Technology and/or Design Concept alternative chosen from the recommendations

Class EA Context

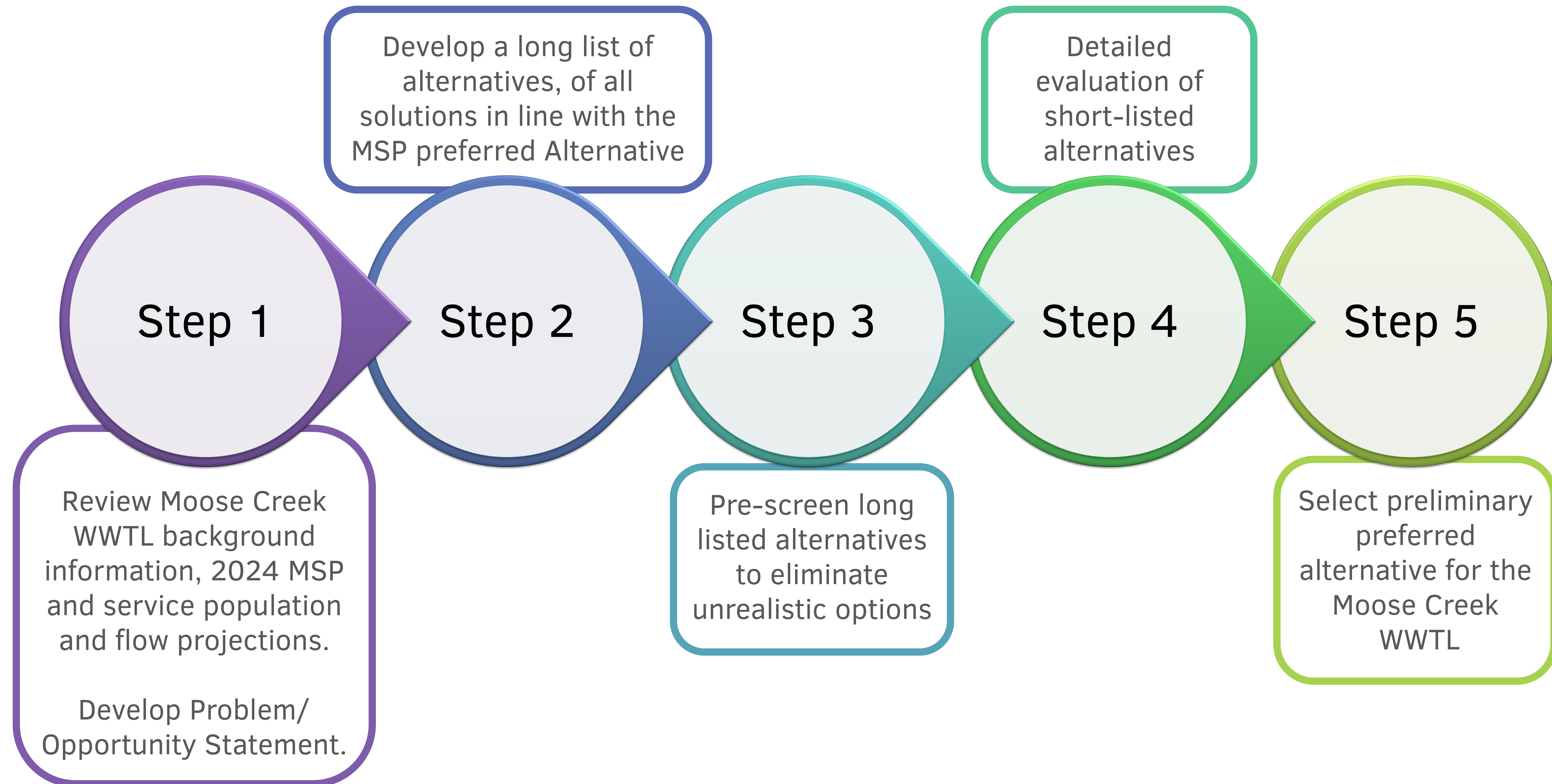
- The Class EA process meets the **Ontario's Environmental Assessment Act (EAA)** by identifying problems or opportunities, and identifying, evaluating and selecting a preferred means of addressing the problems or opportunities.
- A Class EA study enables the planning and implementation of municipal infrastructure to be undertaken in accordance with an approved procedure designed to protect the environment.
- Water and wastewater projects/activities are discussed in **Part C of the Municipal Class EA planning process.**
- **Schedule C Class EA** projects have the potential for more significant environmental effects.
- Municipalities & Townships are required to prepare an **Environmental Study Report (ESR)** for **Schedule C Class EA** projects for review by the public, Indigenous Communities, and review agencies.



Class EA Process

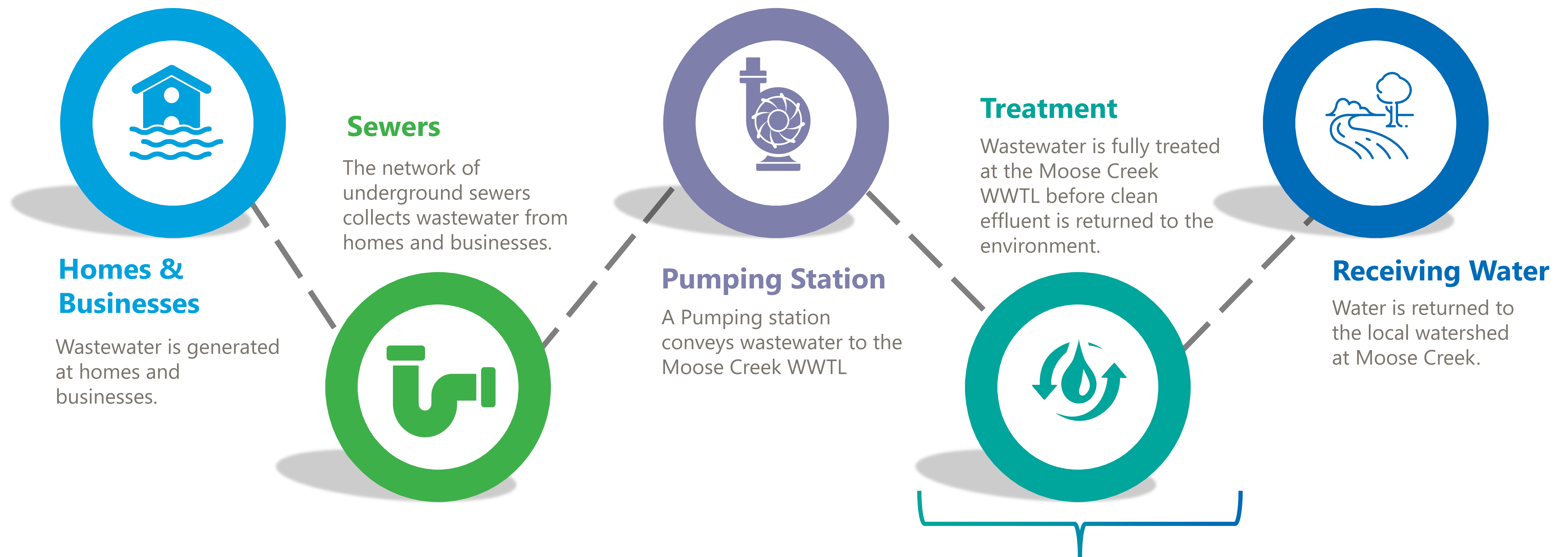


Process for selecting Preliminary preferred servicing strategy



How does the Village of Moose Creek manage wastewater?

Wastewater treatment for the Village of Moose Creek is currently provided by the Moose Creek Wastewater Treatment Lagoons (WWTL). The treatment progression is as follows:

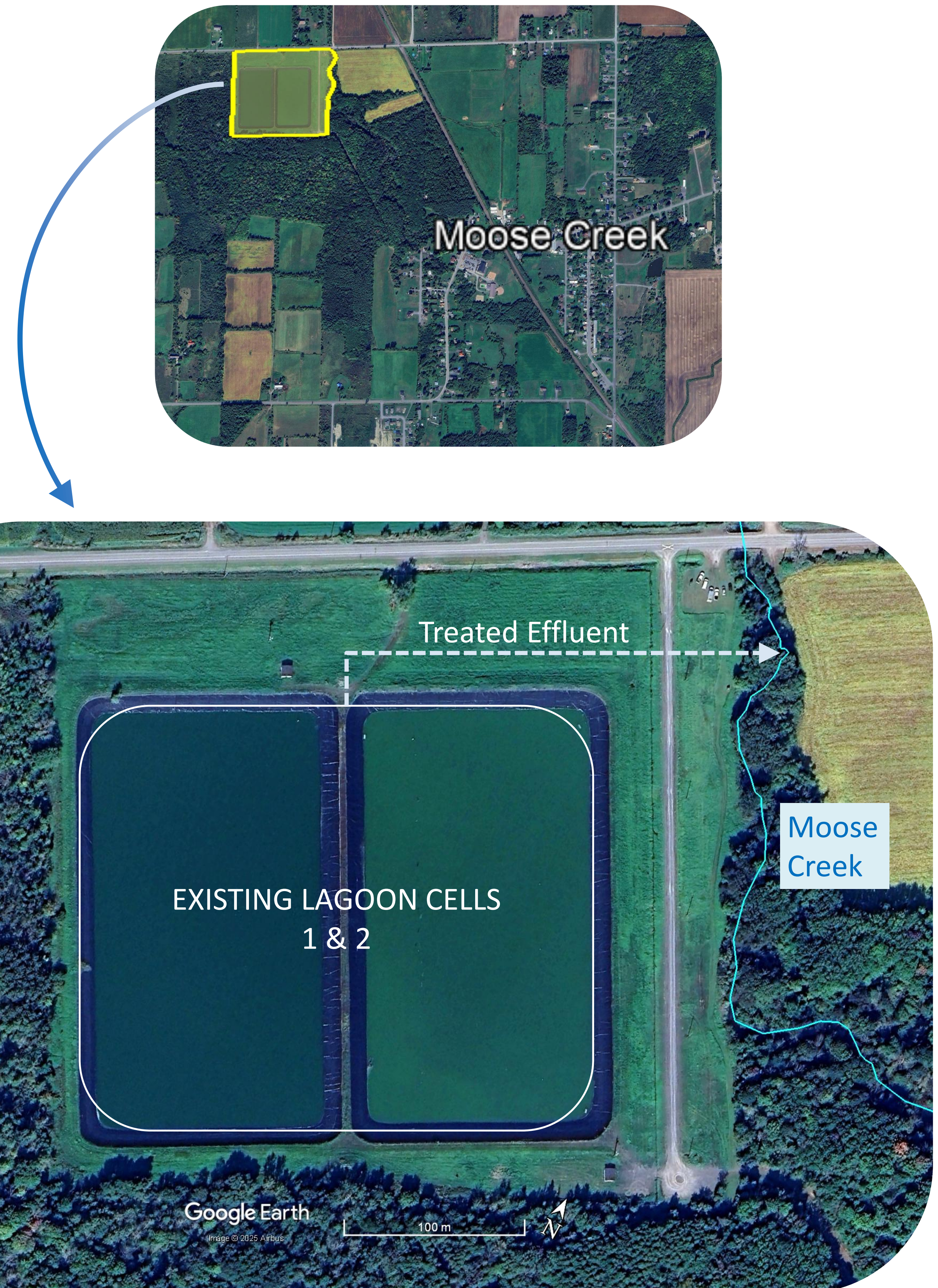


This Class EA study is focused on upgrading the WWTL to accommodate growth within the urban boundary of the Village of Moose Creek

Existing Moose Creek WWTL

- Originally constructed in 1996
- Currently serves approximately 580 people
- Current Rated Average Day Flow: 302 m³/d
- Rated Lagoon Storage Capacity: 1 10,360 m³
- The Moose Creek WWTL is currently operating at greater than 85% of its rated capacity.
 - ❖ Typically, the planning process to evaluate the future needs of a WWTP begins when average day flows reach 80% of the rated capacity, supported by the 2024 MSP.
- Other considerations:

The Moose Creek WWTL has had trouble meeting the final effluent limits in certain months and has insufficient storage capacity for the short-term growth plans.

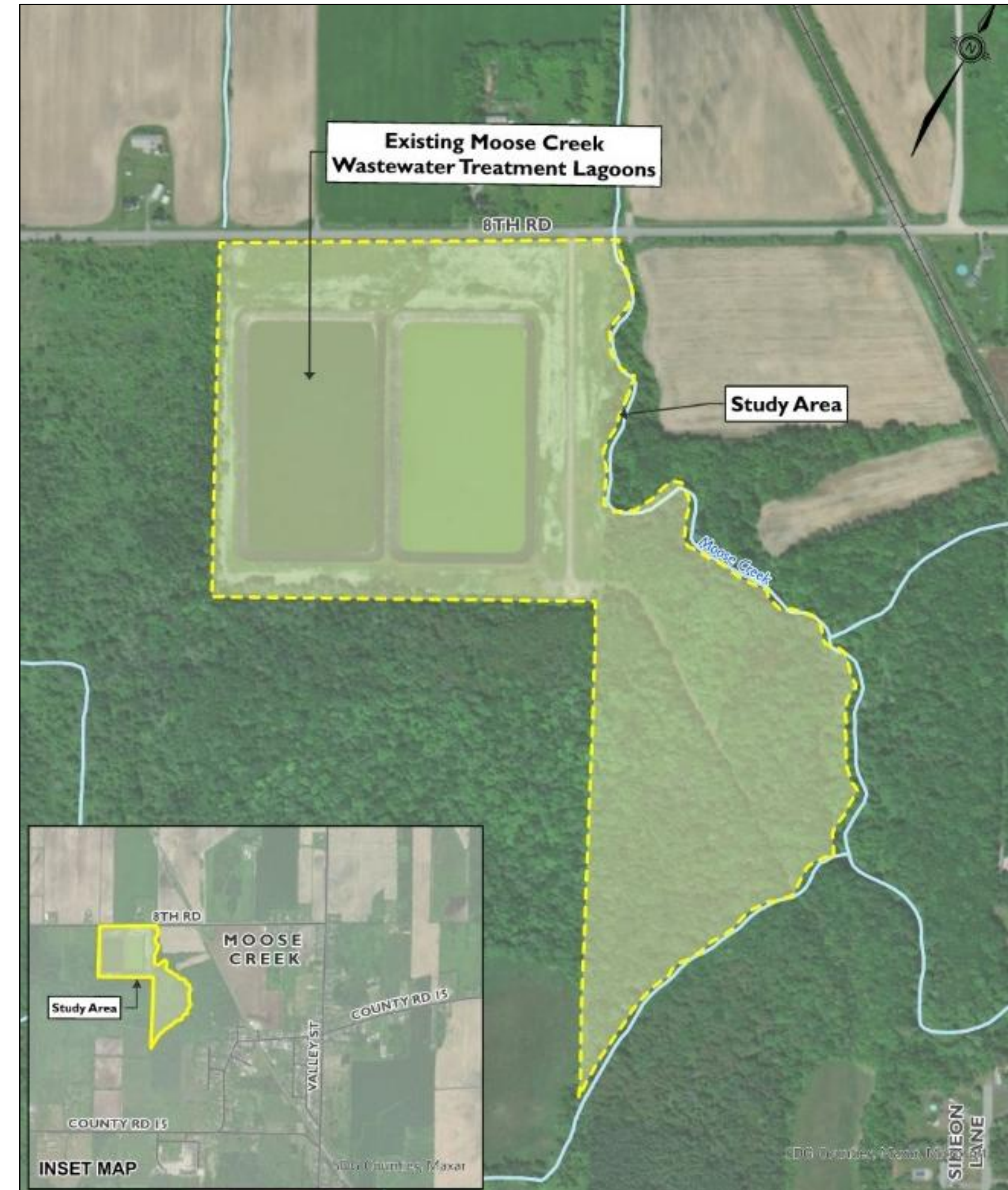


Problem/Opportunity Statement

The existing Moose Creek WWTL is currently operating at greater than 85% of its rated capacity based on average day flow; In the next 30 years, the population serviced by Moose Creek WWTL is projected to increase substantially, to a total of 1,060 persons.

The Township has received grant funding in the amount of \$4.8M from the Province of Ontario to expand the WWTL, provided the expanded capacity is achieved in 2027.

The existing capacity constraints and opportunities to improve effluent treatment quality at the Moose Creek WWTL require further investigation, to service planned and future growth within the urban boundary, increase resiliency to treat high flows, and to consistently achieve compliance.



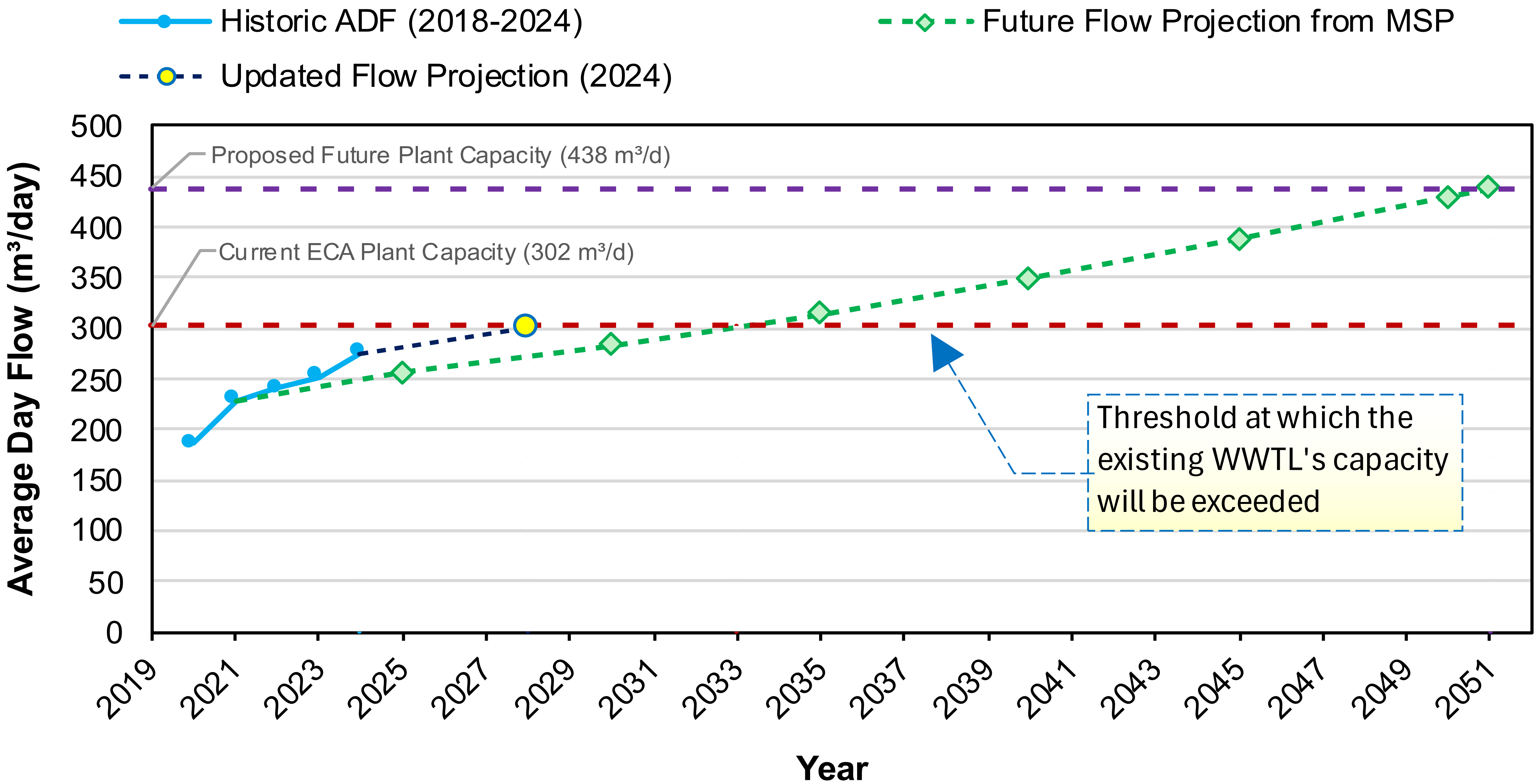
Study Area Limits – Moose Creek WWTL Expansion

Flow projections and context

The existing facility's rated capacity

- MSP expected it to be exceeded in 2033
- Flow increases seen in 2023 and 2024
- Exceeded MSP projection, potentially pulling timeline forward to 2028
- Need for immediate upgrades is critical

Wastewater Flow Projections at the Moost Creek WWTL

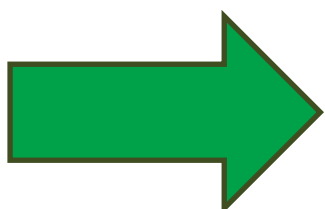


Parameter	Existing	Future (2051)
Service Population	581	1080
Rated Average Day Flowrate, m³/d	302	438
WWTL Rated Storage Capacity, m³	110,360	110,360
Effluent discharge	Once a year	Twice a year

Recap – Evaluation of Long-list of Alternatives (Phase 2, by 2024 Master Servicing Plan)

LONG LIST EVALUATION

S.N.	Alternative Servicing Strategy	Shortlisted
1	Do Nothing	No
2	Limit Community Growth	No
3	Infiltration and Inflow Control and Reduction	YES
4	Upgrade Existing Wastewater Collection and Treatment Facilities	YES
5	Expansion of Wastewater System via New Facilities	YES



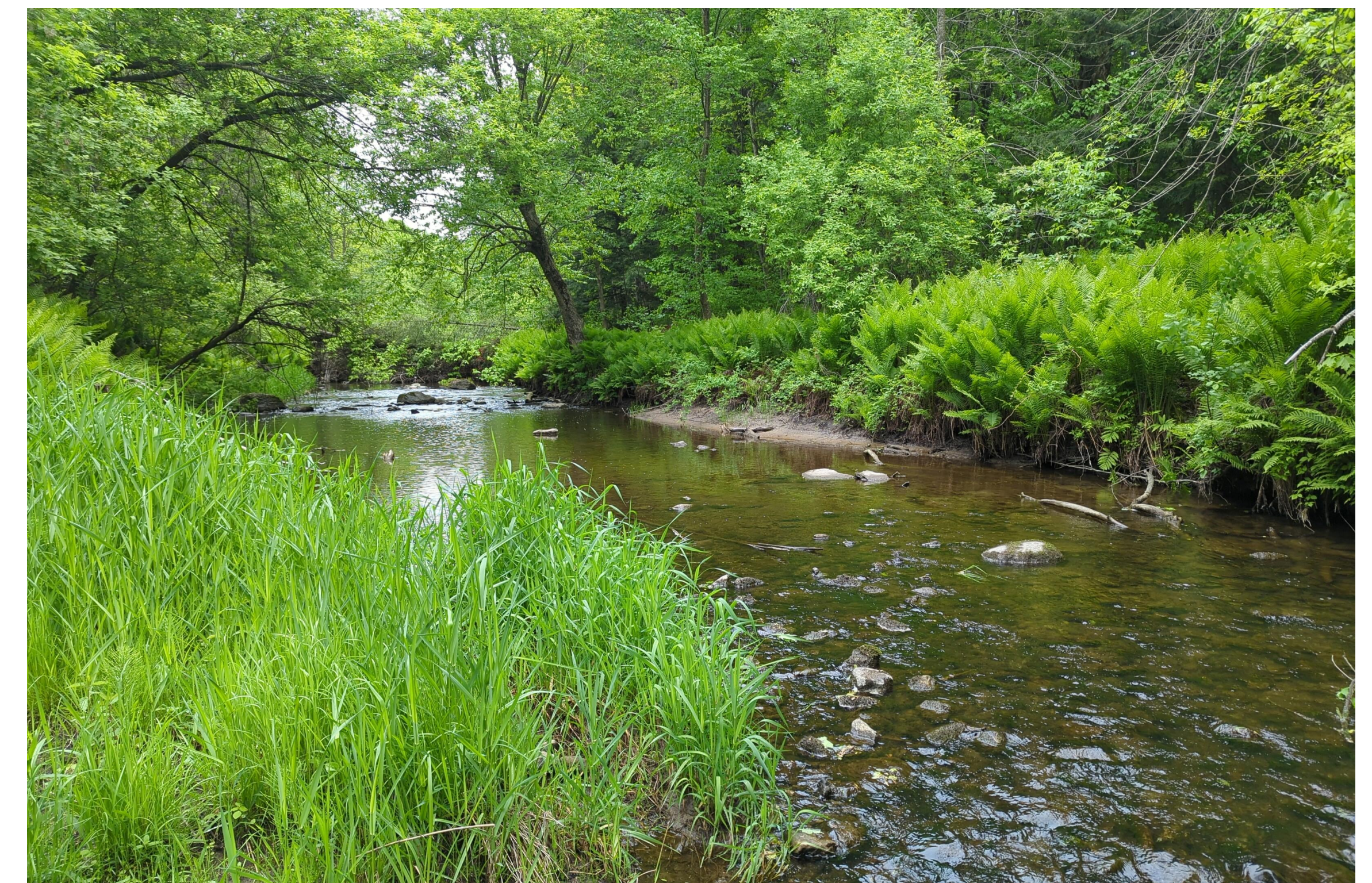
SHORT LIST EVALUATION

Alternative Servicing Strategy
Alternative 3: Infiltration and Inflow Control and Reduction
Alternative 4: Upgrade Existing Wastewater Collection and Treatment Facilities (Lagoon capacity expansion)
<ul style="list-style-type: none"> Alternative 4B-1: Treatment Optimization via Technology; or Alternative 4B-2: Modified Lagoon Operation.
Expansion of Wastewater System via New Facilities
<ul style="list-style-type: none"> Alternative 5A: New Pumping Station Alternative 5B-1: New Facultative Lagoon Alternative 5B-2: Convert to Mechanical Treatment Facility

MSP Phase 2 Preferred Solution was found to be:
Alternative 4B-1: Treatment Optimization via Technology (for treatment capacity expansion)

What is an Assimilative Capacity Study (ACS)?

- The Assimilative Capacity Study (ACS) assesses Moose Creek
 - To accept the increased treated effluent volumes
 - Review discharge scenarios to maintain health of Moose Creek and accommodate growth
 - Recommend New effluent limits based on regulations & Moose Creek's characteristics (i.e. flow & background concentrations)
- ACS is almost completed
- Information presented for Alternatives in this PIC accounts for the highest level of treatment that may be recommended by the ACS.

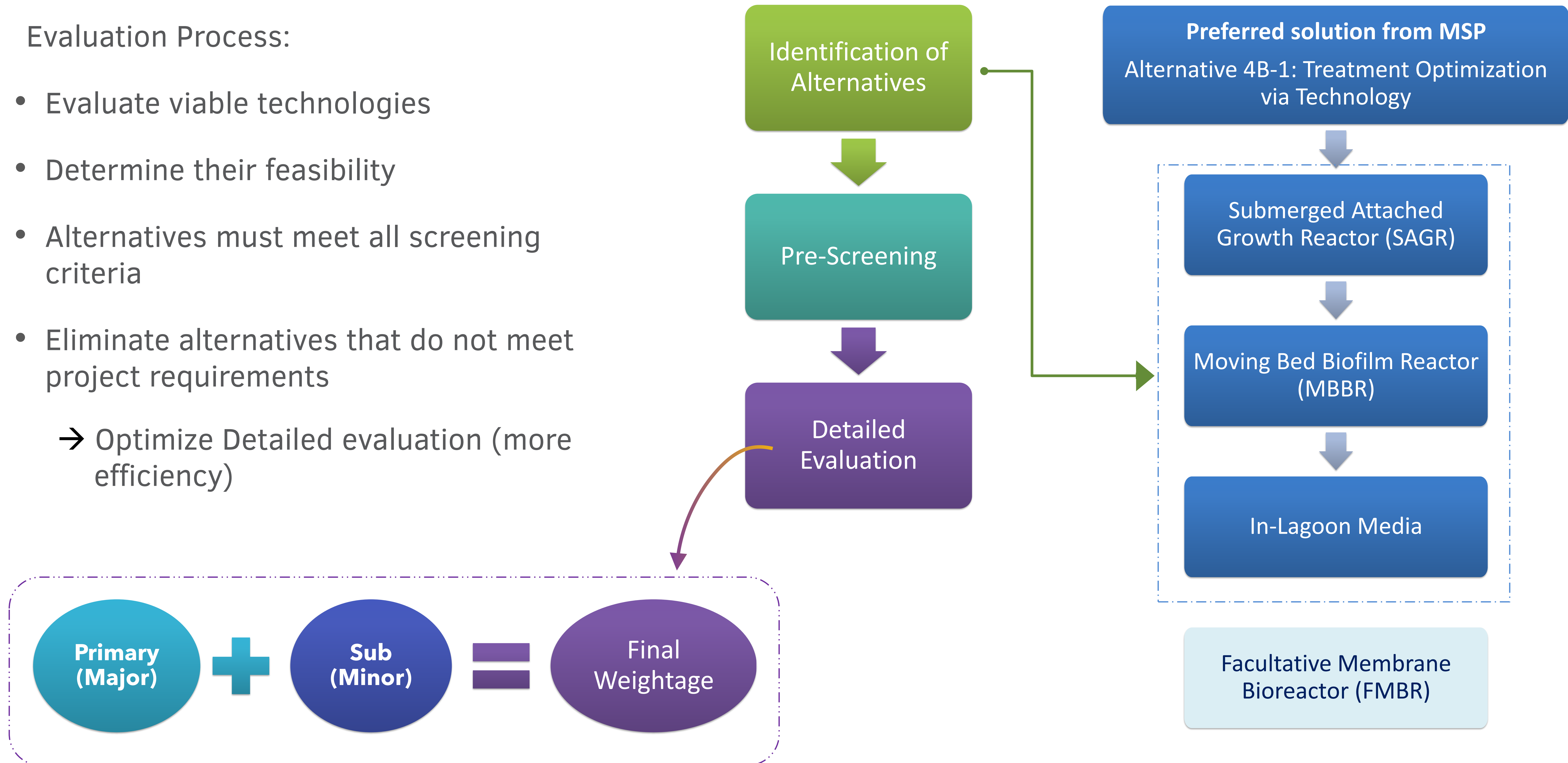


Moose Creek

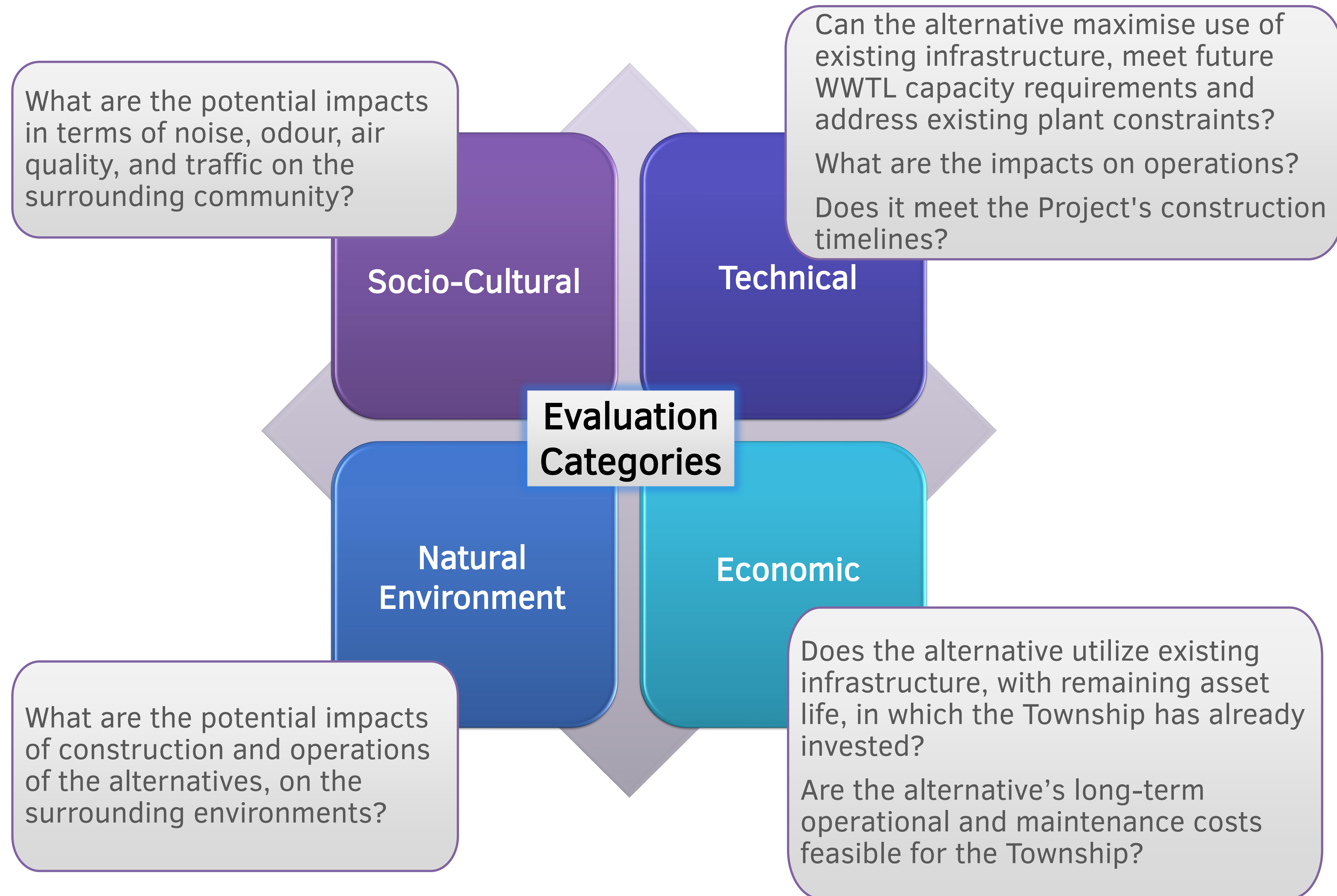
Phase 3 Evaluation Process

Evaluation Process:

- Evaluate viable technologies
 - Determine their feasibility
 - Alternatives must meet all screening criteria
 - Eliminate alternatives that do not meet project requirements
- Optimize Detailed evaluation (more efficiency)



Pre-screening Evaluation Categories



Summary of Pre-Screening of Alternatives

Technology	Compliance Feasibility	Technical Feasibility	Conditions Compatibility	Financial Feasibility	Pass / Fail	Comments
Submerged Attached Growth Reactor (SAGR)	✓	✓	✓	✓	Pass	Low area footprint and has a robust & high treatment efficiency. Proven track record- easier technology approvals expected. Compatible with the site and project needs.
Moving Bed Biofilm Reactor (MBBR)	✓	✓	✓	✓	Pass	Very low area footprint + high treatment efficiency. Proven track record- easier technology approvals expected. Some additional needs expected from solids separation unit but is compatible with the site & project needs.
In-Lagoon Media	✗	✓*	✗	✓	Fail	Is not yet a proven technology in similar applications - carries some risk compared to SAGR and MBBR that have substantial track record & high performance. Requires additional effort to prevent short-circuiting; More compatible in constantly submerged applications. Pilot tests expected and may cause delays in tight project schedule.
Facultative Membrane Bioreactor (FMBR)	✗	✓*	✗	✓	Fail	Is not yet a proven widely-used technology in similar applications; Technology is new to Ontario. Process is also relatively newer, hence carries some risk. Pilot tests expected and approvals from MECP may be time consuming & can cause significant delays in the tight project schedule.

*More information is required in terms of this Technology’s technical capability, since it is an emerging technology and does not have major installations in Ontario - Hence, not yet a proven widely-used technology in similar applications

Detailed Evaluation Categories

Natural Environmental – 15%

- 25 | Source Water Protection
- 15 | Minimize air/solids emissions and site impacts
- 10 | Minimize impacts on species at risk
- 25 | Minimize impacts on Climate Change (GHG & Carbon Footprint)
- 25 | Flexibility of treatment processes (Climate Change Resiliency)

Socio-Cultural – 15%

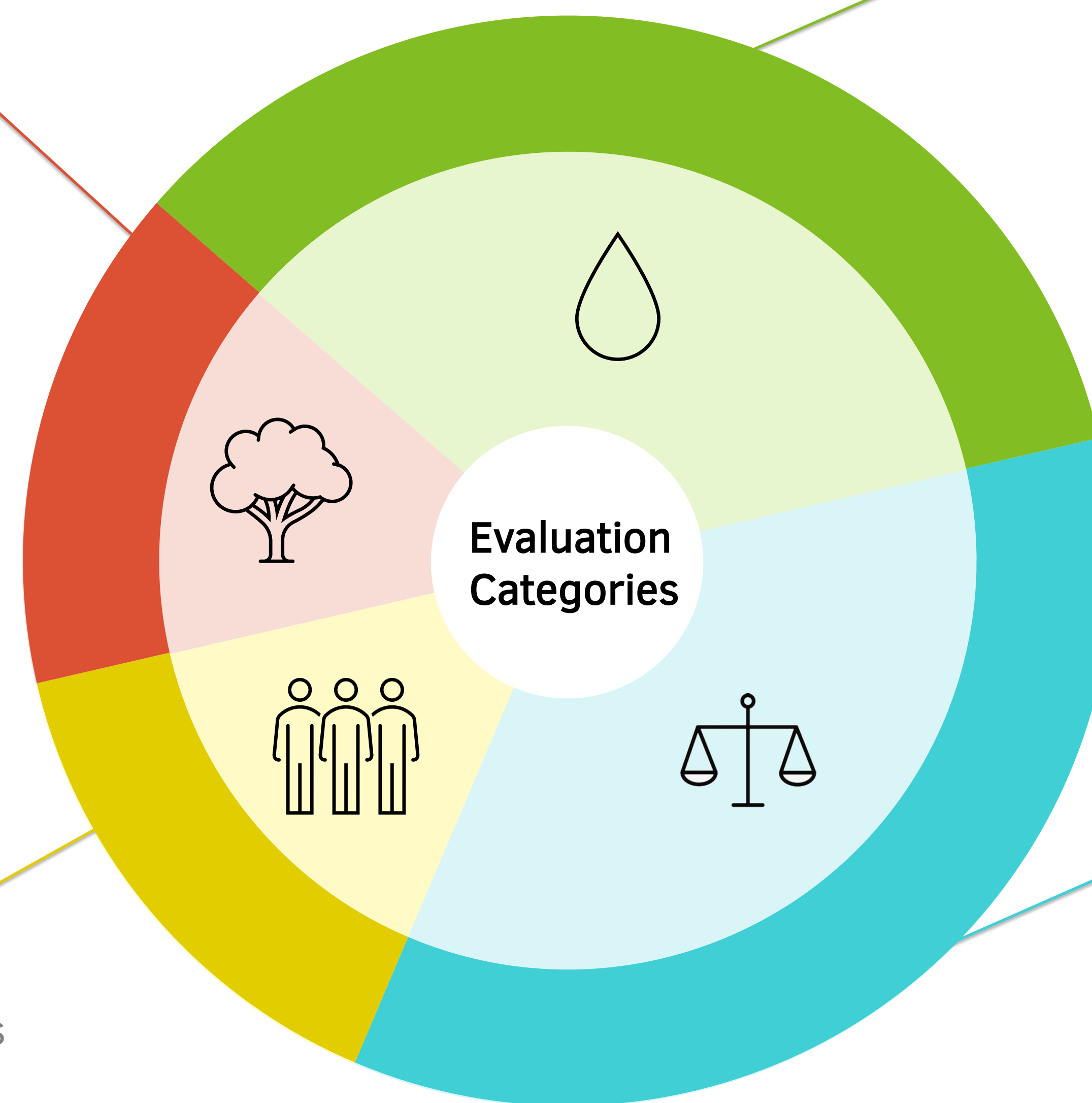
- 40 | Minimize odour during operations
- 25 | Minimize impacts on neighboring properties
- 15 | Minimize noise
- 10 | Minimize truck traffic
- 10 | Minimize footprint and site impacts

Technical & Operational – 35%

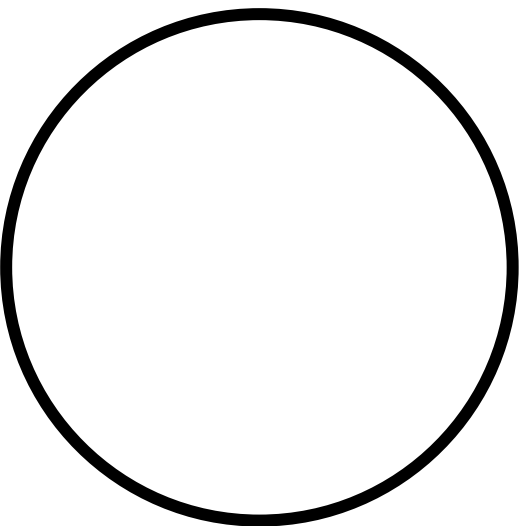
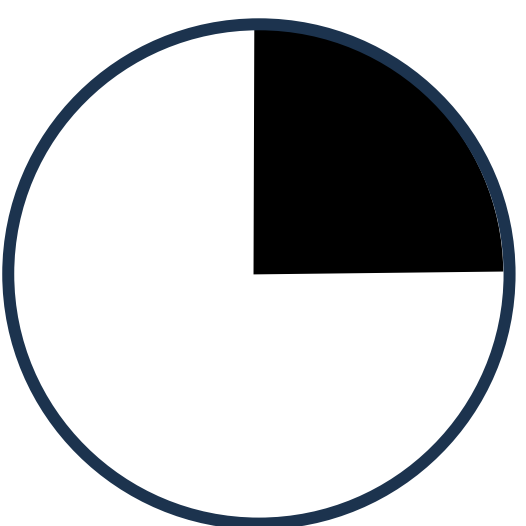
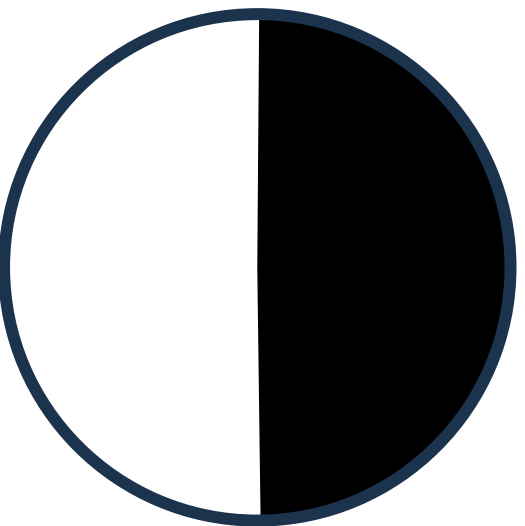
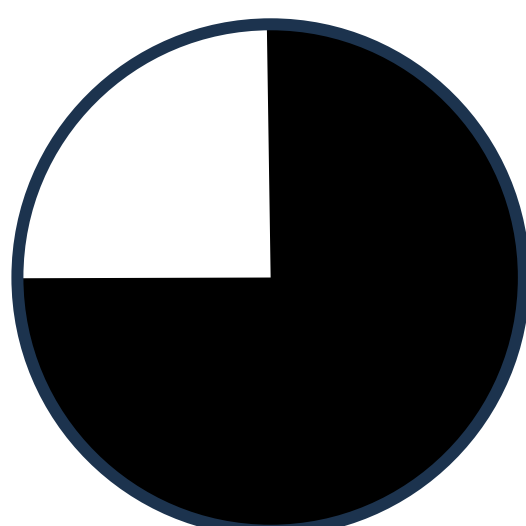
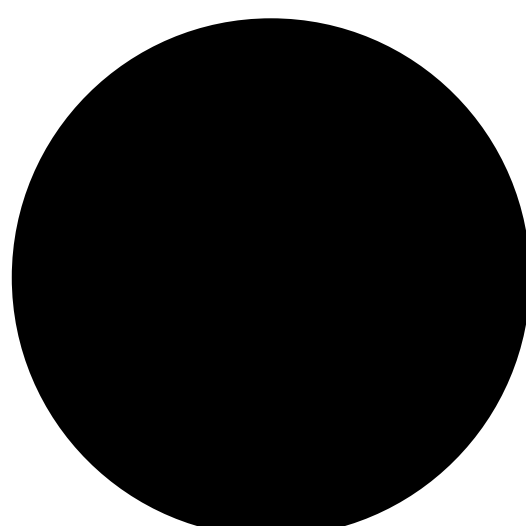
- 15 | Meets Effluent Quality Criteria
- 15 | Flexibility to respond to variable raw wastewater quality and low initial loads
- 10 | Compatibility with existing infrastructure, available site area
- 5 | Compatibility with hydraulic grade line requirements
- 15 | Constructability and Construction Schedule
- 10 | Proven Technology with strong track record; pilot testing, start-up needs, ease of approvals
- 5 | Process complexity & operator training
- 10 | Process robustness and redundancy
- 20 | Operation and maintenance requirements

Economic – 30%

- 60 | Capital costs
- 40 | Operational costs / LCC



Scoring Evaluation

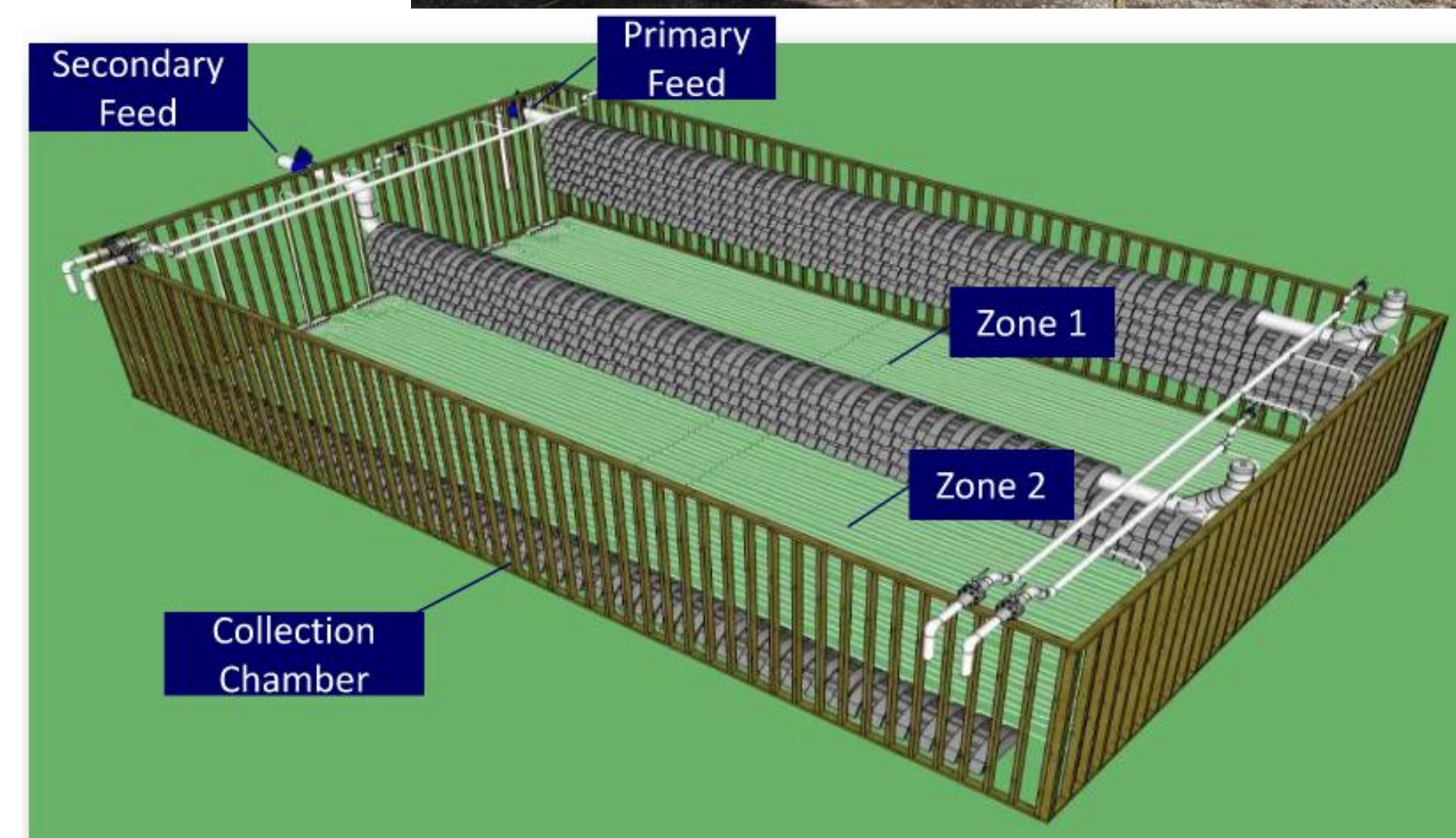
				
Scores according to the evaluation criteria are very low. The losses are far greater than the gains.	Scores according to the evaluation criteria are low. Implementation would require extensive mitigation measures to reduce impacts.	Scores according to the evaluation criteria are moderate. The gains are on par with the losses.	Scores according to the evaluation criteria are moderately high, with some drawbacks. The gains outweigh the losses.	Scores according to the evaluation criteria are relatively high. Good feasibility, low complexity and provides a viable solution.



Alternative 01: Submerged Attached Growth Reactor (SAGR) Retrofit

- SAGR → Biofilm based technology
- Main components → HDPE liner, insulation at the top, aeration system, aggregate media
- SAGR → consistent performance in cold weather with effective nitrification (ammonia removal)
- Efficient treatment & significant reductions in Fecal and Total Coliform
- Retrofit includes Alum addition into a slipstream for Phosphorous removal (flocs will settle in the lagoon)
- Several installations in Ontario, proven technology
- Tertiary filter for TSS polishing – need will be confirmed after ACS Final recommendations
- Effluent recycle included → for periods when lagoons are not discharging effluent

Rock aggregates (SAGR Media)



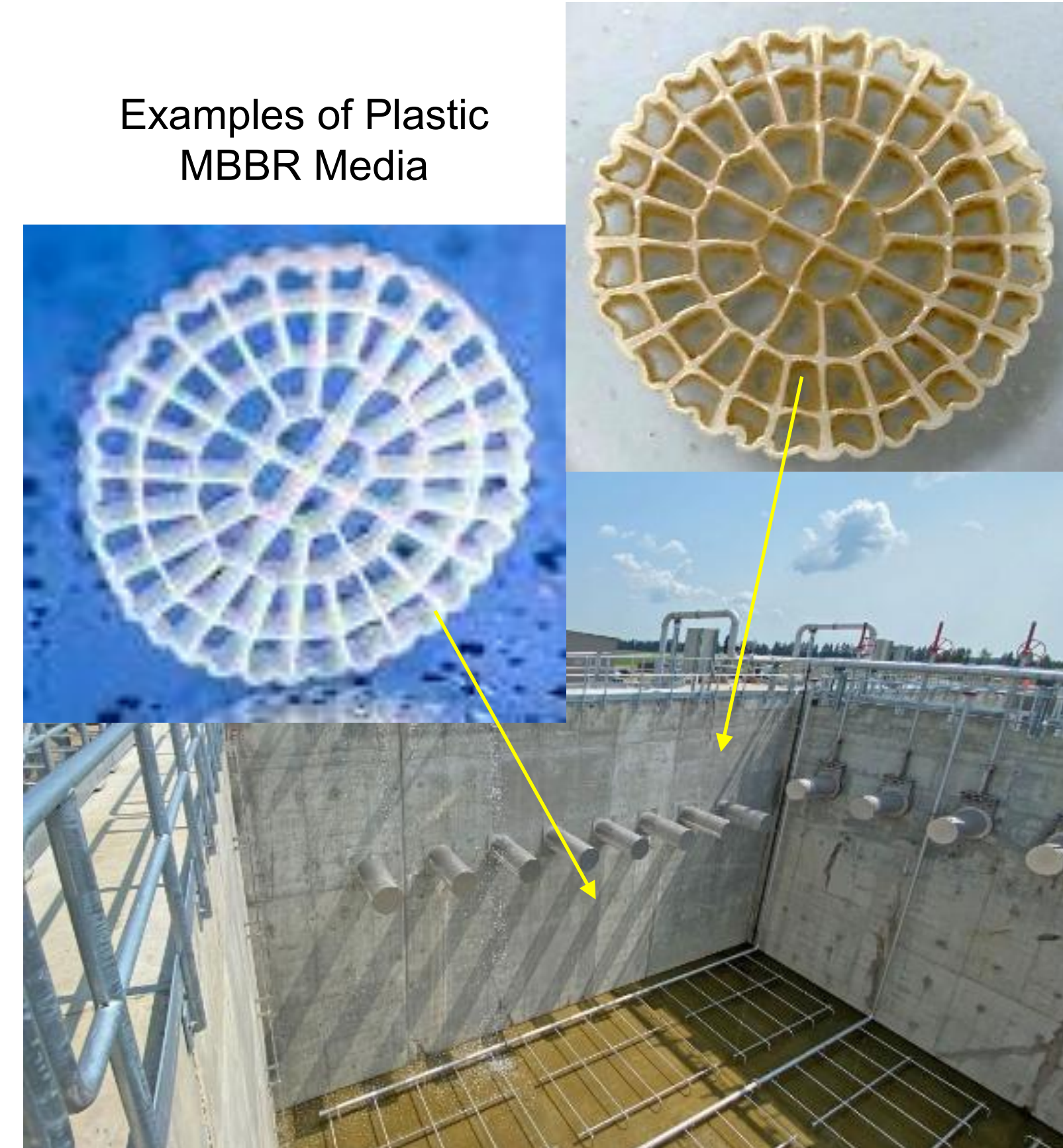
Schematic and images of SAGR installation (Courtesy of Nexom)

Alternative 02: Moving Bed Biofilm Reactor (MBBR)

Retrofit

- MBBR → Biofilm based technology
- Plastic Media → move around in the tank;
Biofilm → fixed on plastic media and does not move
- MBBR tanks have aeration diffusers for even air distribution
- Scouring (burst of air bubbles) - not required for biofilm control for MBBR
- Efficient treatment; Good nitrification (ammonia removal) in cold weather
- Retrofit includes Alum addition into a slipstream for Phosphorous removal (flocs will settle in the lagoon)
- Several installations in Ontario, proven technology
- Requires solid separation unit after MBBR, for algae control
- Need for tertiary filtration – to be confirmed after ACS Final recommendations
- Effluent recycle included → for periods when not discharging

Examples of Plastic MBBR Media



Example of Solids separation unit (Courtesy of Veolia)



MBBR tank and media (Courtesy of Veolia)

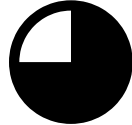
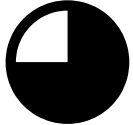




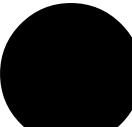





Schematic of MBBR installation

Detailed Evaluation of Alternatives – Costing

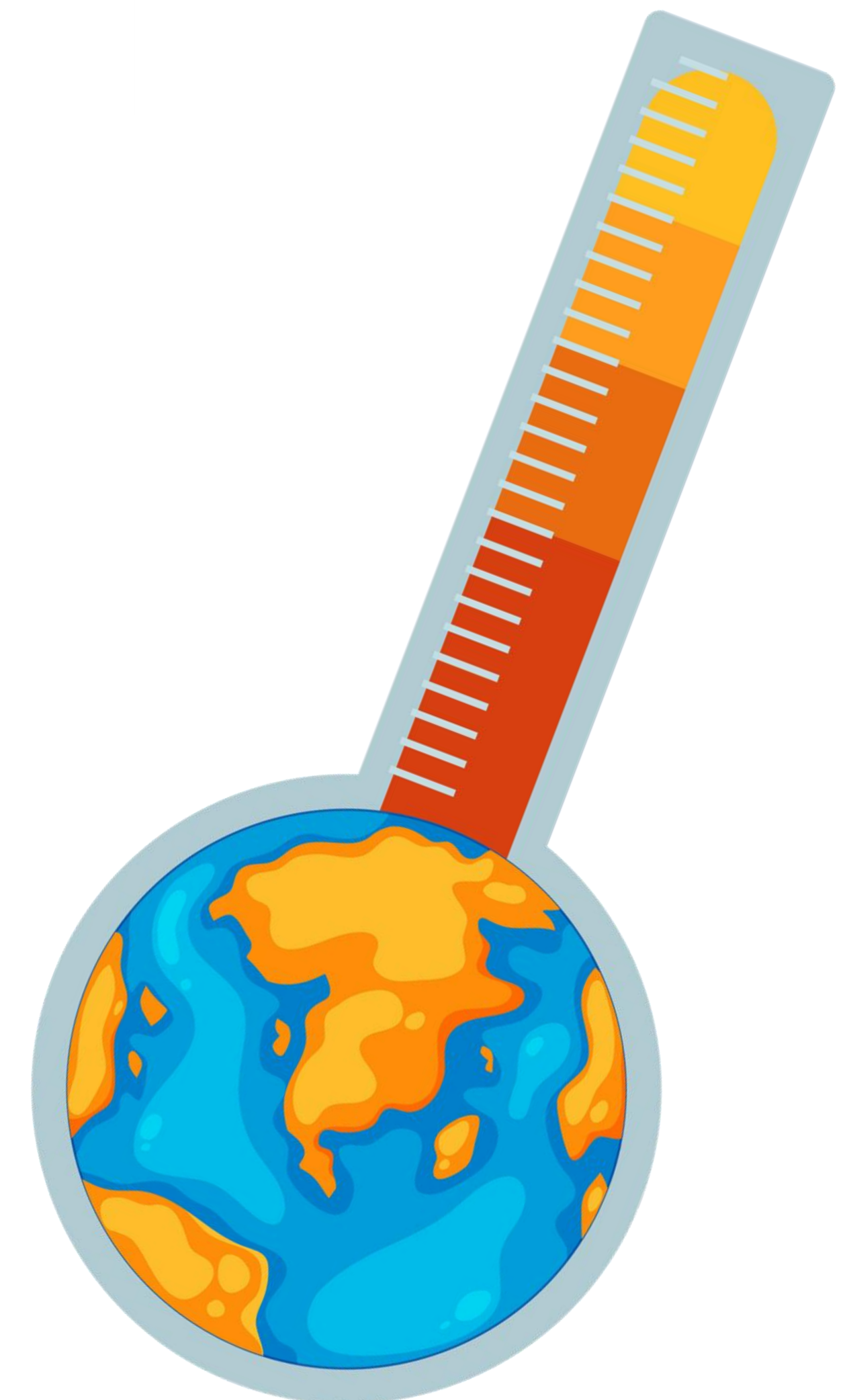
Evaluation Criteria	Alternative 01 – SAGR Retrofit	Alternative 02 – MBBR Retrofit
Description	Costing includes contingencies for construction and includes all components for Retrofit (including tertiary filters and aeration, that may be ruled out after the ACS completion, and in the design stage)	
Site Works & Structural / Architectural	\$1,100,000	\$980,000
Process Equipment, HVAC & Plumbing, Instrumentation and Controls & Electrical	\$4,920,000	\$5,720,000
General Contractor’s Cost	\$900,000	\$1,010,000
Engineering and Contract Administration (15%)	\$1,035,000	\$1,155,000
Construction Contingency (25%)	\$1,725,000	\$1,925,000
Total Estimated Construction Costs (C) - Excluding Escalation, GST	\$9,700,000	\$10,800,000

Detailed Evaluation of Alternatives

Evaluation Criteria	Alternative 01 – SAGR Retrofit	Alternative 02 – MBBR Retrofit
Key descriptors of Alternative Design Concept	<ul style="list-style-type: none"> SAGR has high treatment efficiency, footprint slightly larger than MBBR Excavation for SAGR units slightly higher area than MBBR units Does not require additional solids separation unit The need for tertiary filtration – to be confirmed after ACS Final recommendations Standard complexity, simple operations, requires some operator training SAGR O&M requirements - considered standard; <ul style="list-style-type: none"> No change in status quo expected during regular operations for noise, truck traffic, odour and impacts on neighboring properties Minorly higher temporary impacts on neighboring properties (noise, truck traffic), only during construction, due to slightly higher excavation area compared to MBBR <ul style="list-style-type: none"> No impacts expected on source water quality or species at risk Minor air emissions from concrete during construction; construction GHG impacts expected to be temporary and negligible <ul style="list-style-type: none"> Total estimated capital costs for this alternative are: \$9,700,000 	<ul style="list-style-type: none"> MBBR has high treatment efficiency, requires lower footprint Some excavation for MBBR tanks, anticipated to be slightly lesser area than SAGR Requires solid separation unit for effluent limits and algae-related challenges Need for tertiary filtration – to be confirmed after ACS Final recommendations Relatively simple operations for MBBR; However, solids separation unit for algae adds complexity, requires more operator training MBBR O&M requirements – higher, due to solids separation unit. <ul style="list-style-type: none"> No change in status quo expected during regular operations for noise, truck traffic, odour and impacts on neighboring properties Some temporary impacts on neighboring properties (noise, truck traffic), only during construction period <ul style="list-style-type: none"> No impacts expected on source water quality or species at risk Minor air emissions from concrete during construction; construction GHG impacts expected to be temporary and negligible <ul style="list-style-type: none"> Total estimated capital costs for this alternative are: \$10,800,000
Social & Cultural (15%)		
Technical (35%)		
Natural Environment (15%)		
Economic (30%)		
Overall Scores	 Most Preferred	 Least Preferred

Considerations for Climate change impacts and resiliency

- The regional watershed, regional and national climate trends, and historical data were reviewed to evaluate risks pertaining to climate change
- Main Climate risks impacting the project location were found to be:
 - ❖ **Droughts & Increased precipitation**
- Associated risks to the Moose Creek WWTL:
 - Extended summer heat waves → may lead to drought conditions → potentially shortening Fall discharge window
 - High precipitation storms → potential to reduce some available lagoon storage
 - Moose Creek WWTL → shows moderate resilience to the above risks
 - ❖ Further enhanced by currently proposed twice-a-year effluent discharge & resulting lagoon storage
- Biodiversity → protected by avoiding construction in nearby forested areas, aligning with conservation goals
- Both SAGR and MBBR → small-footprint and sustainable, offering high-efficiency treatment
- All above considerations were included when selecting the preferred solution to ensure robust decision making



Summary of Proposed upgrades at the Moose Creek WWTL

The preliminary preferred alternative is:

Alternative 01 – SAGR Retrofit to increase WWTL Capacity

The key advantages of this alternative are:

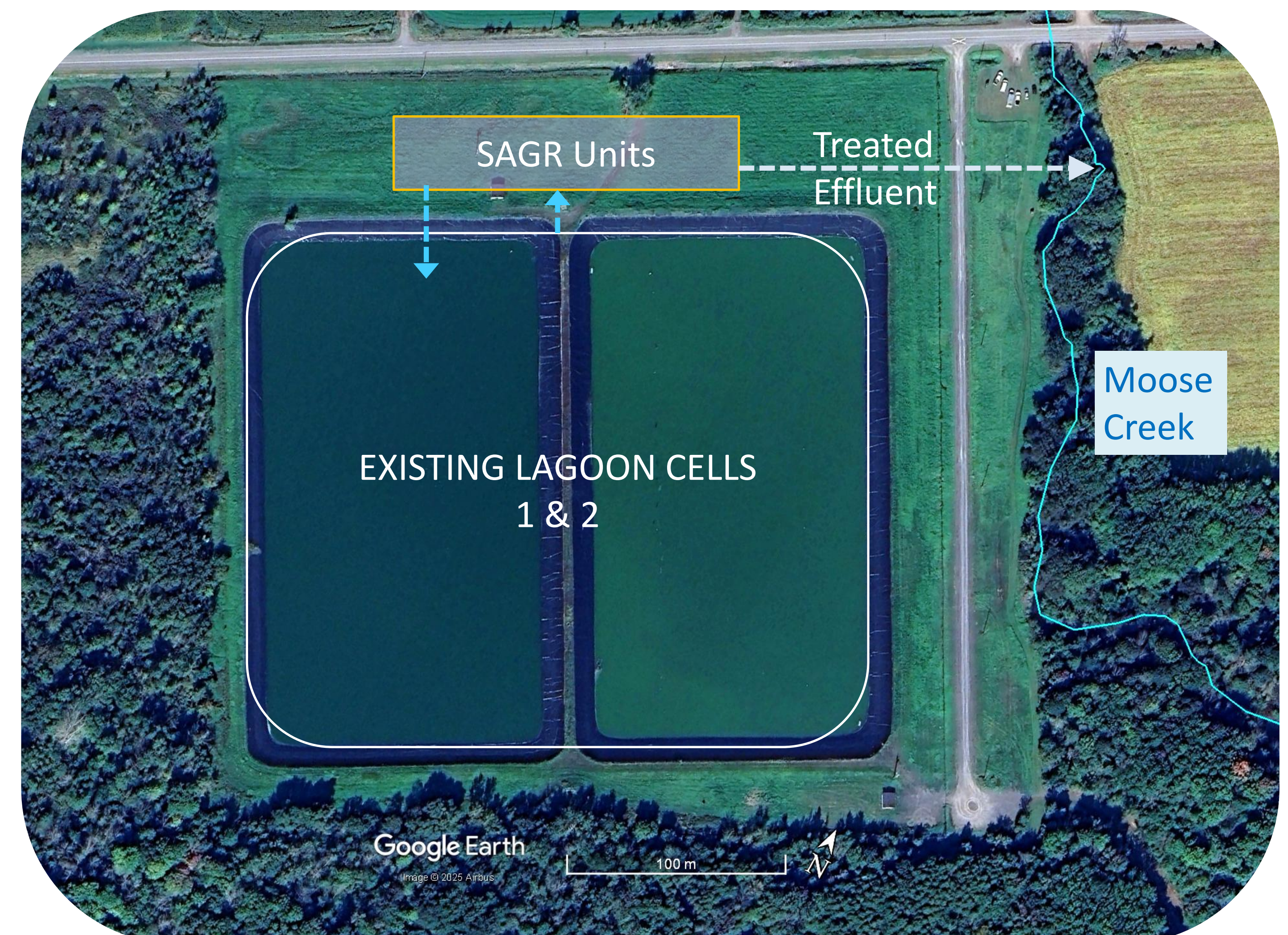
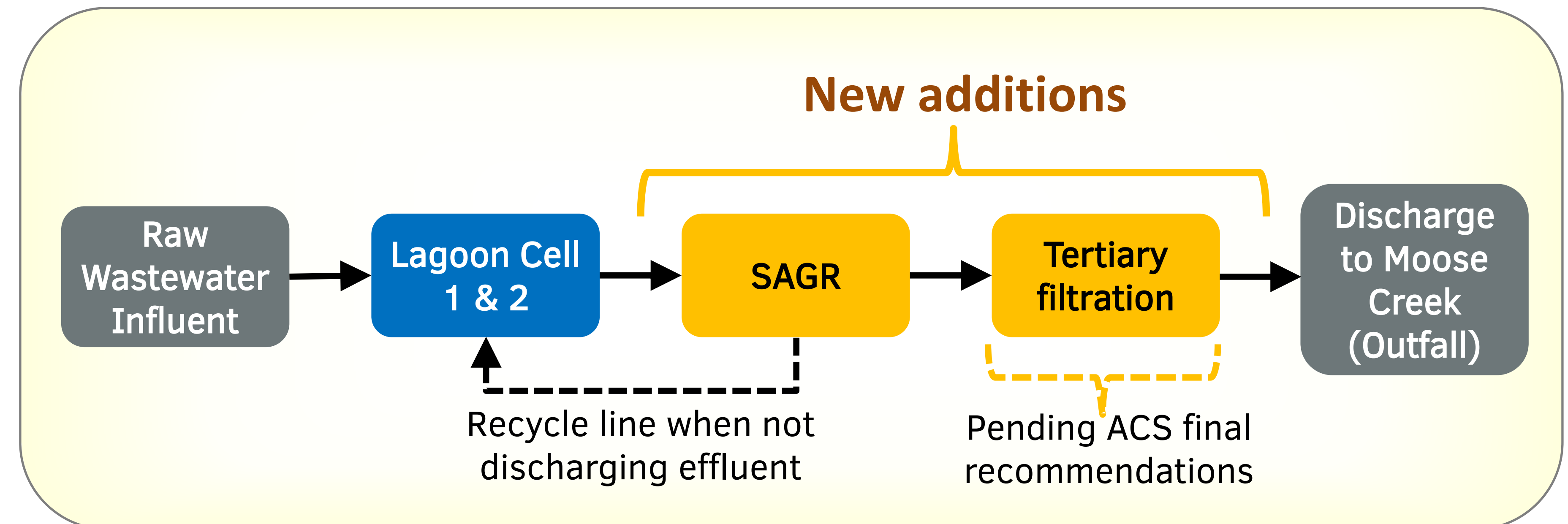
- Lowest estimated capital and O&M cost
- Maximizes use of existing land and lagoons; No land acquisition required
- High treatment capability

Other changes through the upgrade:

- Current effluent discharge is once a year
- Proposed effluent discharge is twice a year
→ will increase storage capacity for the lagoons
→ improve resilience to high flow events

Critical factor:

- In light of recent 2024 flows, existing WWTL capacity is expected to be exceeded by 2028
- Project grant funding requires construction to be completed in 2027

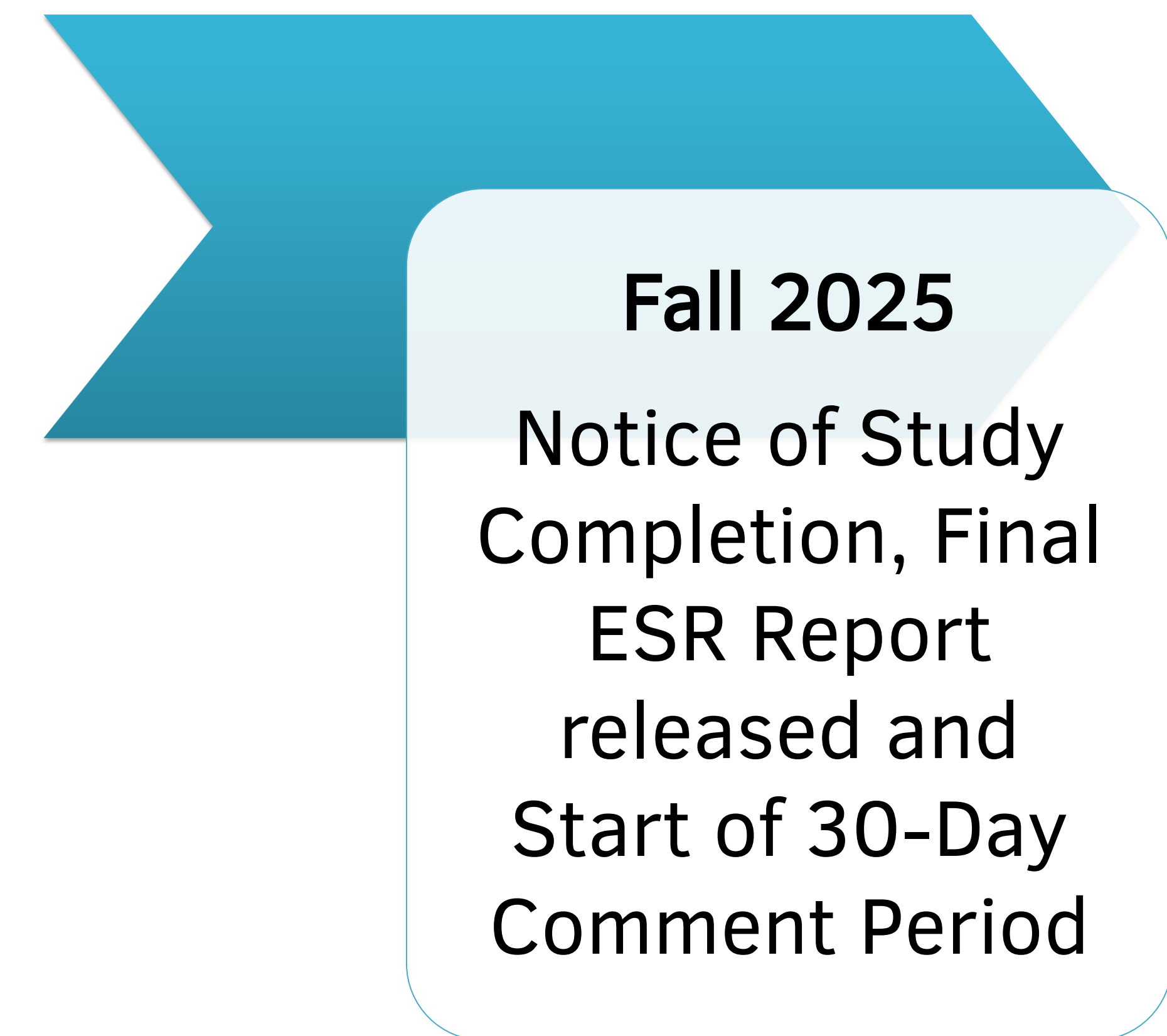
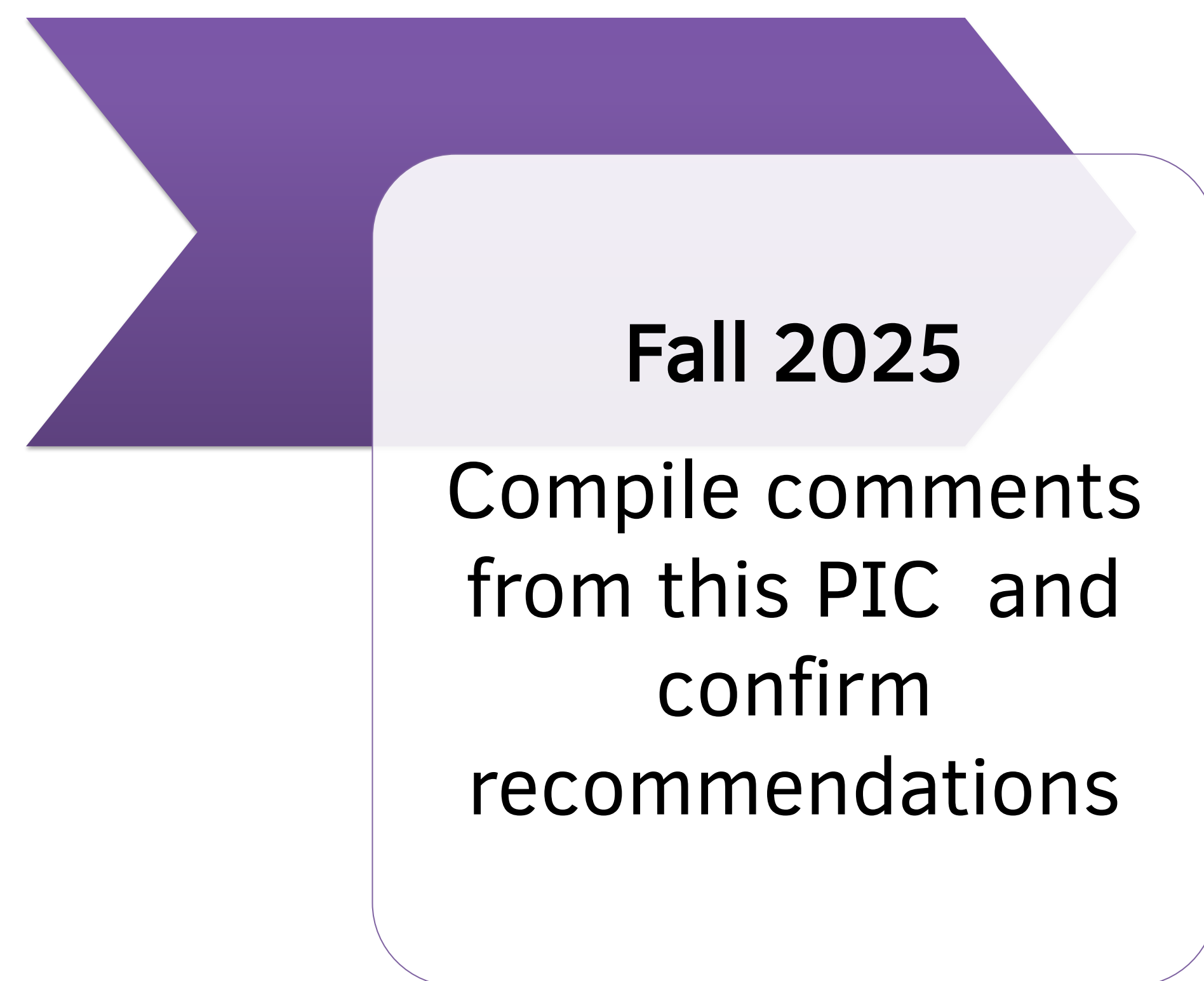


Moose Creek Lagoons aerial view (Courtesy of Google Earth)

What are the next steps?

After this Public Information Centre, the project team will:

- Review and consider input received during this PIC to confirm the preliminary preferred alternative presented tonight for the Moose Creek WWTL
- Prepare the ESR Report detailing the study's findings
- Submit the ESR to the MECP, followed by the 30-day review period for public review



Next Steps & Comments



Questions or comments?

Should you have any questions about this presentation or the project, please fill out a comment sheet tonight or contact:



OCWA

ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

Natalie Colantonio, P.Eng

Project Manager
OCWA
Phone: 1-905-302-1831
Email: ncolantonio@ocwa.com

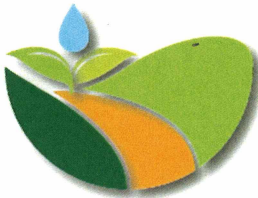
CIMA+

Engineering for people

Bradley Young, P.Eng.

Project Manager
CIMA+
Phone: 647-614-2462
Email: bradley.young@cima.ca

**Please provide your comments and questions
By October 09th**



Participant Sign-in Sheet

Name and Affiliation	E-mail	Phone Number
Marissa Clemence	[REDACTED]@gmail.com	
RANDY McRAE	[REDACTED].com	
Tracy Hepard		
Gregor & Shelagh McRae		
* Amanda Brownrigg	[REDACTED]gmail.com	
Roxane Villeneuve	[REDACTED]mail.com	
Bernie Bury		
Veronique & Patrick Piette	[REDACTED]il.com	
Marc H. Tessier	[REDACTED]cloud.com	
* RICHARD THEPOT	[REDACTED]@hotmail.com	
Joanne Hebert	[REDACTED]ent@outlook.com	



Participant Sign-in Sheet

Name and Affiliation	E-mail	Phone Number
Rob MacLellan		613
Moose Creek Precast		
Melanie Matha	m...ail.com	613
Barbara [unclear]	@yakoo.ca	613
John Ogilvie	@mail.com	613
Paul Mayer	...com	613

Correspondences with Utilities and local organisations

Mary Jislin

From: Mary Jislin
Sent: June 6, 2025 11:21 AM
To: Mary Jislin
Cc: Bradley Young; Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement
Attachments: Z0028411-PN-250606_Notice of Commencement_e01.pdf

Municipal Class Environmental Assessment Study – Notice of Commencement

Hello,

Please find attached for your information, the Notice of Study Commencement for the Schedule C Municipal Class Environmental Assessment (Class EA) Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. The Notice will also be posted on the Township's website (www.northstormont.ca). This Class EA study will expand on the Township's recently completed Water and Wastewater Master Plan.

Hard copies of the attached Notice of Study Commencement have been mailed to all in the contact list for whom we have a valid mailing address. If you wish to receive project notifications in digital format only moving forward or if you wish to designate an alternate recipient, please let us know.

Your feedback and participation are valued and appreciated. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns, or inputs at any point during the process.

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)

M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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Mary Jislin

From: Mary Jislin
Sent: June 19, 2025 4:09 PM
To: Secondarylanduse@hydroone.com; Susan.SUN@HydroOne.com
Cc: Bradley Young; Natalie Colantonio; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: RE: Hydro One Response: Moose Creek Wastewater Treatment Lagoons
Attachments: 20250619-Moose Creek Wastewater Treatment Lagoons .pdf; Z0028411-PN-250606_Notice of Commencement_e01.pdf

Hello,

Thank you for your response to the Notice of Commencement. Your feedback has been noted. We will keep your team updated as we progress with alternative solutions, to determine potential impacts relevant to Hydro One.

In the meantime, should you require further information at any point, please feel free to reach out to us.

Thanks and regards,
Jislin

MARY JISLIN, M.Eng.
Project Coordinator / Engineering Trainee
Infrastructure (Water and Wastewater)
M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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CONFIDENTIALITY WARNING This email is confidential. If you are not the intended recipient, please notify the sender immediately and delete it in its entirety.

From: Natalie Colantonio <NColantonio@ocwa.com>
Sent: June 19, 2025 11:33 AM
To: Mary Jislin <Mary.Jislin@cima.ca>
Cc: Bradley Young <Bradley.Young@cima.ca>
Subject: FW: Hydro One Response: Moose Creek Wastewater Treatment Lagoons

EXTERNAL EMAIL

FYI

Natalie Colantonio, P.Eng

C: 1-905-302-1831



From: Hongxia Sun <Susan.SUN@HydroOne.com> **On Behalf Of** SECONDARY LAND USE Department

Sent: June-19-25 11:31 AM

To: Natalie Colantonio <NColantonio@ocwa.com>

Cc: SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>

Subject: Hydro One Response: Moose Creek Wastewater Treatment Lagoons

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please see the attached for Hydro One's Response.

Hydro One Networks Inc

SecondaryLandUse@HydroOne.com



Hydro One Networks Inc.

483 Bay Street
8th Floor South Tower
Toronto, Ontario M5G 2P5

HydroOne.com

June 19, 2025

Re: Moose Creek Wastewater Treatment Lagoons

Attention:
Natalie Colantonio

Thank you for sending us notification regarding Moose Creek Wastewater Treatment Lagoons. In our assessment, we have confirmed that Hydro One has existing distribution assets within your study area.

At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

Hydro One must be consulted during all stages of your project. Please ensure that all future communications about this and future project(s) are sent to us electronically to secondarylanduse@hydroone.com

Sent on behalf of,

**Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.**

Mary Jislin

From: Mary Jislin
Sent: October 8, 2025 2:58 PM
To: 'Secondarylanduse@hydroone.com'
Cc: Bradley Young; 'Natalie Colantonio'; Z0028411-OCWA Moose Creek WWTL ClassEA
Subject: Hydro One Consultation: Moose Creek Wastewater Treatment Lagoons Expansion Class EA
Attachments: 20250619-Moose Creek Wastewater Treatment Lagoons .pdf; Z0028411-MAP_251008_Moose Creek WWTL.pdf

Hello,

This is with regard to the attached letter received from your office, for the Notice of Commencement for the **Moose Creek Wastewater Treatment Lagoons Expansion Class EA** project. It was noted that Hydro One has existing distribution assets within the project study area.

As we have progressed with the preliminary preferred solution, the intended area of construction has recently been narrowed down, to constitute only the northern portion of the existing site. Please find attached a Map of the intended area of construction, for your reference. Kindly let us know in case of any conflicts with your assets or for any action required from us.

We will keep Hydro One informed as we complete the Class EA and progress into detailed design. Please let us know should you have any comments, concerns, or information needs at any time.

Thank you,
Jislin

MARY JISLIN, M.Eng.
Engineering Trainee

T 613-860-2462 **C** 343-598-9893 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA

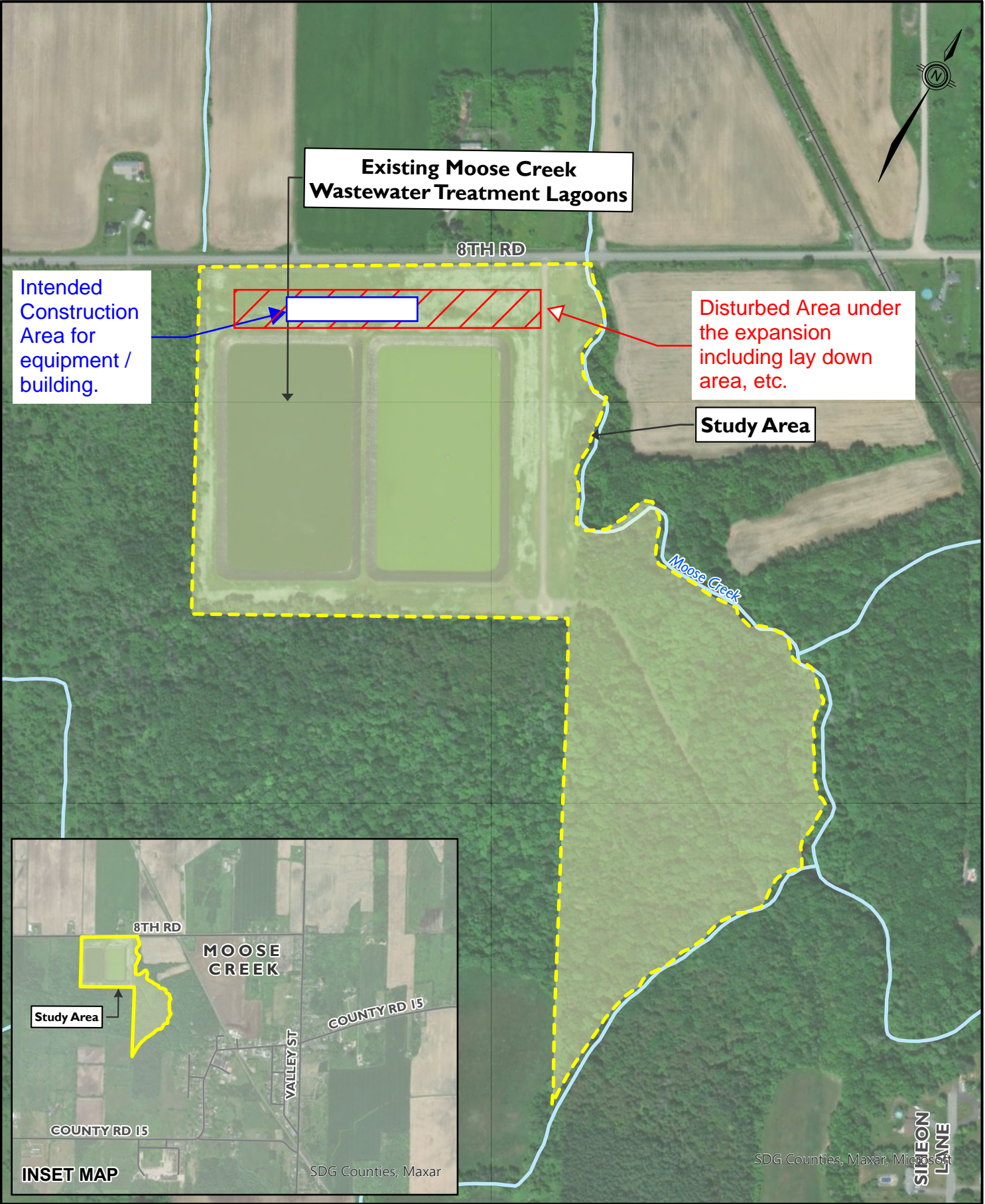




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Mary Jislin

From: Land ROW East <landroweast@tnpi.freshdesk.com>
Sent: September 5, 2025 9:25 AM
To: Mary Jislin
Cc: landroweast@tnpi.ca
Subject: Re: [TNPI-1768] FW: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Public Information Centre

Follow Up Flag: Follow up
Flag Status: Completed

EXTERNAL EMAIL

Trans-Northern Pipelines has no infrastructures in Moose Creek

Sandrine Exibard-Edgar

Team Lead, Property Administration – Chef d'équipe, Administration Foncière

Trans-Northern Pipelines Inc. *Operators of the Alberta Products Pipe Line* | Pipelines Trans-Nord Inc.

[REDACTED]

-

-

On Thu, Sep 4 at 4:38 PM , info <info@tnpi.ca> wrote:
Please see the message below.

Thanks,

TRANS-NORTHERN PIPELINES INC. *Operators of the Alberta Products Pipe Line* | PIPELINES TRANS-NORD INC.



From: Mary Jislin <Mary.Jislin@cima.ca>
Sent: September 4, 2025 1:57 PM
To: Mary Jislin <Mary.Jislin@cima.ca>; Natalie Colantonio <ncolantonio@ocwa.com>
Cc: Bradley Young <Bradley.Young@cima.ca>; Z0028411-OCWA Moose Creek WWTL ClassEA <Z0028411@cima.ca>
Subject: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Public Information Centre

You don't often get email from mary.jislin@cima.ca. [Learn why this is important](#)

CAUTION: External Email. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Municipal Class Environmental Assessment Study – Notice of Public Information Centre

Hello,

Please find attached for your information, the Notice of Public Information Centre (PIC) for the Schedule C Municipal Class Environmental Assessment Study that the Township of North Stormont is initiating for the proposed expansion of the Moose Creek Wastewater Treatment Lagoons. You are invited to attend the upcoming **PIC on Thursday September 18, 2025**, where key findings of our work and preliminary study recommendations will be presented. The details of the PIC, including location and time, are included in the attached Notice.

Your feedback and participation are valued and appreciated. The project team wants to make sure that appropriate consultation and engagement is provided to review agencies, Indigenous communities, and individuals that may have an interest in this project. Please kindly advise either of the project team members listed in the attached Notice should you have any comments, questions, concerns or inputs at any point during the process, or if you wish to schedule a separate meeting to review study materials and provide input.

Hard copies of the attached Notice of PIC have been mailed to all in the contact list for whom we have a valid mailing address. If you wish to receive project notifications in digital format only moving forward or if you wish to designate an alternate recipient, please let us know.

Thank you,

MARY JISLIN, M.Eng.

Project Coordinator / Engineering Trainee

Infrastructure (Water and Wastewater)

M 343-598-9893 **T** 613-860-2462 **F** 613-860-1870

600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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CONFIDENTIALITY WARNING This email is confidential. If you are not the intended recipient, please notify the sender immediately and delete it in its entirety.

Mary Jislin

From: info <info@tnpi.ca>
Sent: June 6, 2025 11:22 AM
To: Mary Jislin
Subject: Automatic reply: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement

EXTERNAL EMAIL

Thank you for your e-mail inquiry and interest in Trans-Northern. One of our team will contact you shortly with a response.

For further information please visit our website at tnpi.ca.

**

Merci pour votre courriel. Un membre de notre équipe vous répondra sous peu.

N'hésitez-pas à visiter notre site web ptni.ca pour plus de renseignements au sujet de notre compagnie.

Mary Jislin

From: Mail <mail@cdsbeo.on.ca>
Sent: June 6, 2025 11:22 AM
To: Mary Jislin
Subject: Automatic reply: [EXTERNAL] Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement

EXTERNAL EMAIL

Your email has reached the general inbox of the CDSBEO and not an individual school. For all school issues/questions, please call the school directly. Responses to emails may take up to 2 business days.

If you wish to register your child, please go to our website for instructions at www.cdsbeo.on.ca/students-parents/registration.

Please note - if you are inquiring about a high school transcript, you must obtain it from the last high school attended in Ontario. Please direct your call to the appropriate school for further instructions.

Mary Jislin

From: Sherry Erskine <Sherry.Erskine@enbridge.com>
Sent: June 6, 2025 11:24 AM
To: Mary Jislin
Subject: Automatic reply: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement

EXTERNAL EMAIL

Hello,

Thank you for your email. I will be out of the office from Friday June 5, and will return on Monday June 9.

I will respond to your email when I return.

Thank you,

Sherry Erskine
Sr. Analyst Permitting
Permitting

ENBRIDGE

101 Honda Blvd., Markham, ON L6C 0M6

[enbridge.com](https://www.enbridge.com)

Safety. Integrity. Respect. Inclusion.

Mary Jislin

From: ER-Public-Works <ER-Public-Works@cn.ca>
Sent: June 6, 2025 11:25 AM
To: Mary Jislin
Subject: Automatic reply: Moose Creek Class EA for Wastewater Treatment Lagoons Expansion - Notice of Commencement

EXTERNAL EMAIL

This is to confirm receipt of your email.

If you have been assigned a CN Public Works representative please contact them directly.

Mary Jislin

From: [REDACTED]@gflenv.com>
Sent: June 27, 2025 2:02 PM
To: Bradley Young
Cc: Mary Jislin; Natalie Colantonio; Craig Calder; Blake Henderson; Deborah.Sinclair@environmentalsciences.ca; Joel Harrison
Subject: RE: Moose Creek Quality Data
Attachments: Draft SW Stations Figure 1 for GFL.pdf; GFL EOWHF_Cumulative_Flow Data.xlsx; GFL EOWHF Surface Water 2019-2024_reduced.xlsx; GFL EOWHF Surface Water Data Pre 2019.xlsx

Follow Up Flag: Follow up
Flag Status: Completed

EXTERNAL EMAIL

Brad,

I had our consultant assemble information that will be useful for your mandate. See attached and short description below.

The Water Quality Data comes in two parts, pre-2019 and post-2019. Requested WQ data has been included up until June 2025. The Flow data is presented in a separate spreadsheet. The Figure is a reduced version of the original presented in our AMR.

I hope this is helpful...

Regards,
Greg

Greg van Loenen | Agent de conformité environnemental/ Environmental Compliance Officer
GFL Environmental

[REDACTED]
[REDACTED] | [REDACTED] | [REDACTED] | [REDACTED]

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From: Bradley Young <Bradley.Young@cima.ca>
Sent: Monday, June 23, 2025 12:06 PM
To: [REDACTED]@gflenv.com>
Cc: Mary Jislin <Mary.Jislin@cima.ca>; Natalie Colantonio <NColantonio@ocwa.com>; Craig Calder <ccalder@northstormont.ca>; Blake Henderson <bhenderson@northstormont.ca>; Deborah.Sinclair@environmentalsciences.ca; Joel Harrison <joel.harrison@environmentalsciences.ca>
Subject: RE: Moose Creek Quality Data

Hi Greg,

Hope you are doing well. Do you have any movement for the data request?

Thank you,
-Brad

BRADLEY YOUNG, Ph.D., P.Eng.
Associate Partner / Director / Infrastructure

T 613-860-2462 **C** 647-614-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



Engineering
for people



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From: Bradley Young
Sent: June 13, 2025 10:09 AM
To: [REDACTED]@gflenv.com
Cc: Mary Jislin <Mary.Jislin@cima.ca>; Natalie Colantonio <NColantonio@ocwa.com>; Craig Calder <ccalder@northstormont.ca>; Blake Henderson <bhenderson@northstormont.ca>; Deborah.Sinclair@environmentalsciences.ca; Joel Harrison <joel.harrison@environmentalsciences.ca>
Subject: RE: Moose Creek Quality Data

Hi Greg,

Hope you had a nice week. Friendly reminder for the data request.

Have a great weekend,
-Brad

BRADLEY YOUNG, Ph.D., P.Eng.
Associate Partner / Director / Infrastructure

T 613-860-2462 **C** 647-614-2462 **F** 613-860-1870
600-1400 Blair Towers Place, Ottawa, ON K1J 9B8 CANADA



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From: Bradley Young
Sent: June 6, 2025 9:02 AM
To: [REDACTED]@gflenv.com
Cc: Mary Jislin <Mary.Jislin@cima.ca>; Natalie Colantonio <NColantonio@ocwa.com>; Craig Calder <ccalder@northstormont.ca>; Blake Henderson <bhenderson@northstormont.ca>; Deborah.Sinclair@environmentalsciences.ca; Joel Harrison <joel.harrison@environmentalsciences.ca>
Subject: Moose Creek Quality Data

Hi Greg,

Thank you for taking the time to have a call and discuss the Moose Creek water quality data.

As a small recap, the municipality is undertaking a Municipal Class Schedule C EA for the expansion of the Moose Creek Wastewater Treatment Lagoons. An ACS study is being conducted as part of the expansion to inform the discharge limits. We are looking to incorporate available data from Moose Creek to support the modeling. Our project team has the GFL surface water quality existing conditions report from the public available EA. We understand additional monitoring was performed from 2019 onwards by the GFL project team that took a considerable amount of time and effort. This data will help our modelling team in proposing and discussing limits with the MECP.

Our project team is requesting for GFL to share the data collected for:

Location (referenced to Supporting Document 1-4 Surface Water Quality Existing Conditions Report): SW1, SWMC1, SWMC2(a), SWMC3, SWMC4

Parameters: flow, total ammonia, unionized ammonia, total phosphorus, total suspended solids, nitrate, CBOD5, pH, Temperature, oxygen

Period – whatever is available

We greatly appreciate your consideration for this request. We do have short timelines for this project if we can have a confirmation by end of next week.

Please let me know if you have any questions or want to discuss further.

Thank you,
-Brad

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