Appendix A

A-1: Contact List

Organisation	Full name	Position	Email	Main address	Main phone
Algonquins of Ontario	AOO Economic Development Office	Economic Development	algonquins@tanakiwin.com	31 Riverside Drive, Suite 101 Pembroke ON K8A 8R6	
Algonquins of Ontario	Ashley (algonquins Of Ontario) Keller		akeller@tanakiwin.com		
Algonquins of Ontario	Candise Todd		ctodd@tanakiwin.com		
Algonquins of Ontario	Consultation Office (Algonquins of Ontario)		algonquins@tanakiwin.com	31 Riverside Drive, Suite 101 Pembroke ON K8A 8R6	
Algonquins of Ontario	Ethan Huner	Natural & Cultural Resource Strategist	ehuner@tanakiwin.com	31 Riverside Drive Suite 101 Pembroke ON K8A 8R6	+1 613 735 3759 ext. 209
Algonquins of Ontario	Finance -		finance@tanakiwin.com		
Algonquins of Ontario	Gabriel (algonquins Of Ontario) Pearce		gpearce@tanakiwin.com		
Algonquins of Ontario	Holly Hayes		hhayes@tanakiwin.com		
Algonquins of Ontario	Jim Meness	Executive Director	jmeness@tanakiwin.com	31 Riverside Drive, Suite 101 Pembroke ON K8A 8R6	
Algonquins of Ontario	Josee Rochon				
Algonquins of Ontario	Morgan Hawkins		mhawkins@tanakiwin.com		
Algonquins of Ontario	Sarah Cronier	Cultural Heritage Project Assistant	scronier@tanakiwin.com	31 Riverside Drive Suite 101 Pembroke ON K8A 8R6	+1 613 735 3759
Algonquins of Ontario	Trevor Parker	Lands Resource Technician	tparker@tanakiwin.com	31 Riverside Drive Suite 101 Pembroke ON K8A 8R6	+1 613 735 3759 ext. 301
Algonquins of Pikwakanagan	Amanda Two-Axe Kohoko	Consultation Coordinator/ Economic Development	consultation@pikwakanagan.ca	3-469 Kokomis Inamo Pikwakanagan ON K0J 1X0	+1 613 625 2800 ext. 237
Algonquins of Pikwakanagan	Claudette Cournoyer	Manager, Economic Development	mgr.ecdev@pikwakanagan.ca	1657A Mishomis Inamo Golden Lake ON K0J 1X0	+1 613 625 1551
Algonquins of Pikwakanagan	Dave Assinewai		ecdev.projects@pikwakanagan.ca	1657A Mishomis Inamo Pikwakanagan ON K0J 1X0	+1 613 625 2800
Algonquins of Pikwakanagan	Donna Mcknight		finance.consultant@pikwakanagan.ca		
Algonquins of Pikwakanagan	Korey Kauffeldt	Energy Project Coordinator	CEC@pikwakanagan.ca		(613) 625-1551
Algonquins of Pikwakanagan	Laura Sarazin				
Algonquins of Pikwakanagan	Rj Farrell		projectco6@pikwakanagan.ca		
Algonquins of Pikwakanagan	Samantha Galbraith				(613) 625-1551
Algonquins of Pikwakanagan	Valerie Taggart	Project Coordinator	projectco3@pikwakanagan.ca		
Caldwell First Nation	Nikki van Oirschot	Chief	chief@caldwellfirstnation.ca	14 Orange Street Leamington ON N8H 1P5	226-236-1108
Caldwell First Nation	Robyn Perkins	Councillor	councillor.perkins@caldwellfirstnation.ca	14 Orange Street Leamington ON N8H 1P5	+1 519 322 1766
Kitigan Zibi Anishinabeg	Darhlene Twenish	Executive Secretary	d.twenish@hotmail.com	1 Paganakomin Mikan P.O. Box 309 Maniwaki QC J9E 3C9	+1 888 449 5170
Kitigan Zibi Anishinabeg	Erik Higgins	Natural Resource and Wildlife Office Manager	Erik.Higgins@kza.qc.ca		
Kitigan Zibi Anishinabeg	Linda Dwyer	Forester	linda.dwyer@kza.qc.ca		
Kitigan Zibi Anishinabeg	Pierre-luc Bastien	Biologist	Pierre-Luc.Bastien@kza.qc.ca	Paganakomin Mikan, Maniwaki, Québec, Canada, J0W	

Contact List - Indigenous Communities, Businesses Affiliations

Organisation	Full name	Position	Email	Main address	Main phone
Métis Nation of Ontario (MNO)	Consultation Unit (MNO)	General Mailbox	consultations@metisnation.org		+1 613 798 1488
The Firelight Group	Katty Dimmer	Researcher	katy.dimmer@firelight.ca		
The Firelight Group	Katy Dimmer	Environmental Assessment Specialist	katy.dimmer@thefirelightgroup.com		
The Firelight Group	Tania Salerno				
The Firelight Group	Tania Salerno	Researcher	tania.salerno@thefirelightgroup.com		

Organisation	Full name	Position	Email	Main address	Main phone
Atomic Energy of Canada Limited	Annie Morin		annie.morin@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 584 3311 ext. 46002
Atomic Energy of Canada Limited	Garry Yaraskavitch		gyaraskavitch@aecl.ca		
Atomic Energy of Canada Limited	Meghan Leach	Executive Admin Assistant	mleach@aecl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 589 2085 ext. 10217
Atomic Energy of Canada Limited	Sean Enright		sean.enright@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	
Atomic Energy of Canada Limited	Susan Titterington		susan.titterington@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 584 8811 ext. 46774
Canadian Armed Forces	Brynn Bennett		Brynn.Bennett@forces.gc.ca		
Canadian Armed Forces	Jeff Sanders		jeff.sanders@forces.gc.ca		
Canadian Nuclear Labs - Ottawa Office	Elizabeth Cobb		elizabeth.cobb@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Emily Hawkins		emily.hawkins@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Joe Cruz		joe.cruz@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	John Dranga		john.dranga@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Kyle Teters			155 Queen Street Suite 1302 Ottawa ON K1P 6L1	
Canadian Nuclear Labs - Ottawa Office	Larry Mcgrath		larry.mcgrath@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Meghan Murrant		meghan.murrant@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Orvil Dillenbeck		orvil.dillenbeck@cnl.ca		
Canadian Nuclear Labs - Ottawa Office	Tyler Gauthier		tyler.gauthier@cnl.ca		
Canadian Wood Fibre Centre	Elizabeth Cobb	Forest Operations Manager	elizabeth.cobb@canada.ca	1000 Clouthier Road Chalk River ON K0J 1J0	+1 613 589 3019
Department of National Defence (DND)	Jesse Knockleby		Jesse.Knockleby@forces.gc.ca		
Department of National Defence (DND)	Joan Behnke	Realty Asset Manager - Real Property Operations Detachment Petawawa	JOAN.BEHNKE@forces.gc.ca	101 Menin Road P.O. Box 9999 Chalk River ON K8H 2X3	+1 613 687 5511 ext. 5586
Department of National Defence (DND)	Matthew Cybulski	Environment and Wildlife Technician	Matthew.Cybulski@forces.gc.ca	4 CDSB Garrison Petawawa ON K8H 2X3	+1 613 687 5511 ext. 5960
Department of National Defence (DND)	Michelle Perry	Environment Officer	michelle.perry@forces.gc.ca	101 Menin Road, Building S-111 P.O. Box Stn Main CFB Petawawa ON K8H 2X3	+1 613 687 5511 ext. 6572
Department of National Defence (DND)	Sean Moyles	Range Control Officer	sean.moyles@forces.gc.ca	101 Menin Road, Building S-111 P.O. Box Stn Main CFB Petawawa ON K8H 2X3	+1 613 687 5511 ext. 5477

Contact List - Federal Government

Organisation	Full name	Position	Email	Main address	Main phone
Environment and Climate Change Canada (ECCC)	Daniel DeOcampo	Environmental Assessment Officer, Environmental Protection Branch	daniel.deocampo@canada.ca		416-739-4838
Natural Resources Canada	Elizabeth Cobb		elizabeth.cobb@NRCan-RNCan.gc.ca		
Nav Canada	NAV Canada Land Use Assessment	Land Use Assessment	landuse@navcanada.ca		(613) 248-3887 / F. (613
Transport Canada (TC)	Ovais Mateen	Civil Aviation Safety Inspector	ovais.mateen@tc.gc.ca	4900 Yonge Street North York ON M2N 6A5	+1 416 414 0350

Organisation	Full name	Position	Email	Main address	Main phone
Ministry of Citizenship and Multiculturalism (MCM)	Erika Leclerc	Heritage Planner	erika.leclerc@ontario.ca		(416) 305-0757
Ministry of Citizenship and Multiculturalism (MCM)	James Hamilton	Manager - Heritage Planning Unit	James.Hamilton@ontario.ca	401 Bay Street Toronto ON M7A 0A7	+1 416 212 7505
Ministry of Citizenship and Multiculturalism (MCM)	James Hamilton			401 Bay Street Toronto ON M7A 0A7	+1 416 212 7505
Ministry of Citizenship and Multiculturalism (MCM)	Joseph Harvey	Heritage Planner - Heritage Planning Unit			+1 613 246 1276
Ministry of Citizenship and Multiculturalism (MCM)	Joseph Harvey	Planner			+1 613 246 1276
Ministry of Citizenship and Multiculturalism (MCM)	Karla Barboza	Team Lead - Heritage	karla.barboza@ontario.ca	400 University Avenue, 5th Floor, Toronto, Ontario, M7A 2R9	+1 416 660 1027
Ministry of Energy and Electrification	Amy Gibson	Manager, Indigenous Energy Policy	amy.gibson@ontario.ca	77 Grenville Street 5th Floor Toronto ON M7A 2C1	+1 416 315 8641
Ministry of Energy and Electrification	Samir Adkar	Director, Energy Networks and Indigenous Policy Branch	Samir.Adkar@ontario.ca	77 Grenville Street Toronto ON M7A 2C1	+1 416 529 9137
Ministry of Energy and Electrification	Shannon McCabe	Manager, Strategic Indigenous Initiatives	Shannon.McCabe@ontario.ca		+1 416 562 9492
Ministry of Energy and Mines	Amy Gibson	Indigenous Energy Policy	amy.gibson@ontario.ca	77 Grenville Street 5th Floor Toronto ON M7A 2C1	+1 416 315 8641
Ministry of Energy and Mines	Hilary Ferguson	Indigenous Energy Policy	Hilary.Ferguson@ontario.ca		
Ministry of Energy and Mines	Samir Adkar	Director Energy Networks and Indigenous Policy Branch	Samir.Adkar@ontario.ca	77 Grenville Street Toronto ON M7A 2C1	+1 416 529 9137
Ministry of Energy and Mines	Shannon McCabe	Manager Strategic Indigenous Initiatives	Shannon.McCabe@ontario.ca		+1 416 562 9492
Ministry of Energy, Northern Development and Mines (MENDM)	Shannon McCabe	Manager (A) - Indigenous Energy Policy			+1 416 562 9492
Ministry of Energy	Amy Gibson	Manager - Indigenous Energy Policy		77 Grenville Street 5th Floor Toronto ON M7A 2C1	+1 416 315 8641
Ministry of Energy	Samir Adkar	Director (A) - Energy Networks and Indigenous Policy		77 Grenville Street Toronto ON M7A 2C1	+1 416 529 9137
Ministry of Energy	Shannon McCabe	Manager (A) - Indigenous Energy Policy			+1 416 562 9492
Ministry of Indigenous Affairs	Heather Levecque	Director, Indigenous Relations Branch		160 Bloor Street East Suite 400 Toronto ON M4W 0A2	+1 416 325 7032
Ministry of Municipal Affairs and Housing (MMAH)	Joseph Harvey	Planner	Joseph.Harvey@ontatio.ca		+1 613 246 1276
Ministry of Natural Resources and Forestry (MNRF)	Kristen Wagner	District Planner - Pembroke District, Southern Region		31 Riverside Drive Pembroke ON K8A 8R6	+1 613 732 5522
Ministry of Natural Resources and Forestry (MNRF)	Paul Heeney	District Manager, Bancroft		50 Bloomington Road Aurora ON L4G 0L8	+1 613 202 1889
Ministry of Natural Resources and Forestry (MNRF)	MNR Southern Region Email Inbox	MNRF Southern Region Email Inbox		99 Wellesley Street West, Toronto, Ontario, M7A	

Organisation	Full name	Position	Email	Main address	Main phone
Ministry of Natural Resources (MNR)	MNR Southern Region Email Inbox	MNR Southern Region Email Inbox	SR.planning@ontario.ca	99 Wellesley Street West, Toronto, Ontario, M7A	
Ministry of the Environment, Conservation and Parks (MECP)	EA Notification Eastern Region	General Mailbox	eanotification.eregion@ontario.ca	1259 Gardiners Road Unit 3 Kingston ON K7P 3J6	+1 613 540 6852
Ministry of the Environment, Conservation and Parks (MECP)	Heather Malcolmson	Director - Environmental Assessment and Permissions Branch	heather.malcolmson@ontario.ca	135 Saint Clair Avenue West Toronto ON M4V 1P5	+1 416 314 0934
Ministry of the Environment, Conservation and Parks (MECP)	Jon Orpana	Environmental Resource Planner & EA Coordinator - Eastern Region	jon.orpana@ontario.ca	135 St. Clair Avenue West, 8th Floor, Toronto, Ontario, M4V 1P5	613-548-6918
Ministry of the Environment, Conservation and Parks (MECP)	Kieu Van	Administrative Assistant (A) - Environmental Assessment and Permissions Division	kieu.van@ontario.ca	135 Saint Clair Avenue West 14th Flr Toronto ON M4V 1P5	+1 416 326 7203
Ministry of Tourism, Culture and Sport (MTCS)	Jack Mallon	Heritage Planner		400 University Avenue 5th Floor Toronto ON M7A 1T7	+1 416 660 1027
Ministry of Tourism, Culture and Sport (MTCS)	Joseph Harvey	Heritage Planner - Heritage Planning Unit			+1 613 246 1276
Ministry of Tourism, Culture and Sport (MTCS)	Karla Barboza	Team Lead (Acting) - Heritage Planning, Culture Division		400 University Avenue, 5th Floor, Toronto, Ontario, M7A 2R9	+1 416 660 1027
Ministry of Tourism, Culture and Sport (MTCS)	Katherine Kirzati	Heritage Planner, Heritage Planning Unit		401 Bay Street Toronto ON M5H 2Y4	+1 416 314 7643
Ministry of Tourism, Culture and Sport (MTCS)	MCM Pastport Inbox				
Ministry of Tourism, Culture and Sport (MTCS)	Paige Campbell	Archaeology Review Officer - Thunder Bay, Archaeology Program Unit		435 James Street South Suite 334 Thunder Bay ON P7E 6S7	+1 807 475 1682
Ministry of Tourism, Culture and Sport (MTCS)	Rosi Zirger	Heritage Advisor (A)		400 University Avenue, 5th Floor, Toronto, Ontario, M7A 2R9	416-786-6874
Ministry of Transportation (MTO)	Alain Nadeau	Corridor Management Officer - Corridor Management East	Alain.Nadeau@ontario.ca	1355 John Counter Blvd, P.O. Box 4000, Kingston, Ontario, K7L 5A3	
Ministry of Transportation (MTO)	Alexandre Gitkow	Corridor Management Officer (East)	Alexandre.Gitkow@ontario.ca		613-323-1253
Ministry of Transportation (MTO)	Brian Hickey	Corridor Management Planner - Corridor Management East	brian.hickey@ontario.ca		
Ministry of Transportation (MTO)	Darren Waters	Area Manager - Highway Engineering, Eastern Region	darren.waters@ontario.ca	1355 John Counter Boulevard P.O. Box 2170 Kingston ON K7L 5A3	+1 613 545 4228
Ministry of Transportation (MTO)	Dawn Irish	Director(Acting) - Indigenous Relations Branch	dawn.irish@ontario.ca	Garden City Tower 2nd Floor, 301 St. Paul Street St. Catharines ON L2R 7R4	+1 905 380 5196
Ministry of Transportation (MTO)	George Taylor	Highway Corridor Management Officer	George.Taylor2@ontario.ca	1355 John Counter Boulevard Kingston ON K7K 0E5	+1 613 483 5307
Ministry of Transportation (MTO)	Kartik Suresh	Head, Corridor Management East	Kartik.Suresh@ontario.ca		

Contact List - Provincial Government

Organisation	Full name	Position	Email	Main address	Main phone
Ministry of Transportation (MTO)	Kate Green	Head, Corridor Management East	Kate.Green1@ontario.ca	1355 Jon Counter Blvd, P.O. Box 4000, Kingston, Ontario, K7L 5A3	613-484-1846
Ministry of Transportation (MTO)	Stephen Kapusta	Corridor Management Planner - East Operations	Stephen.Kapusta@Ontario.ca	1355 John Counter Boulevard Postal Bag 4000 Kingston ON K7K 0E5	+1 613 545 4834
Ministry of Transportation (MTO)	Tarique Kamal	Senior Project Manager	Tarique.Kamal@ontario.ca		
Ontario Power Generation (OPG)	Nathan Duxbury	Acting Site Environmental Advisor	nathan.duxbury@opg.com		+1 613 433 9673 ext. 3341
Ontario Power Generation (OPG)	Tammy Wong	Senior Environment Specialist, Environmental Governance	tammy.wong@opg.com	700 University Avenue Toronto ON M5G 1X6	+1 416 592 4548
Ontario Provincial Police (OPP)	Jennifer Davey	OPP Facilities Section		777 Memorial Avenue 2nd Floor Orillia ON M3V 7V3	+1 705 238 6939
Ontario Provincial Police (OPP)	Jennifer Davey	Administrative Assistant		777 Memorial Avenue 2nd Floor Orillia ON M3V 7V3	+1 705 238 6939

Contact List - Municipal Government

Organisation	Full name	Position	Email	Main address	Main phone
County of Renfrew	Craig Kelley		CKelley@countyofrenfrew.on.ca		
County of Renfrew	Jason Davis	Forestry and GIS Manager	jdavis@countyofrenfrew.on.ca		(613) 735-7288 ext. 463
County of Renfrew	Jennifer Murphy	Chair - Renfrew County Council	warden@countyofrenfrew.on.ca	9 International Drive Pembroke ON K8A 6W5	+1 613 735 2081
County of Renfrew	Paul Moreau	Chief Administrative Officer/Clerk	PMoreau@countyofrenfrew.on.ca	9 International Drive Pembroke ON K8A 6W5	+1 613 735 7288
Town of Laurentian Hills	Anne Giardini	Mayor	mayor@laurentianhills.ca		
Town of Laurentian Hills	John (Jed) Reinwald	Mayor	mayor@laurentianhills.ca	34465 Highway 17, RR#1 Deep River ON K0J 1P0	613-584-2932 res: 613-584-2497
Town of Laurentian Hills	Sherry Batten	CAO/Clerk	cao@laurentianhills.ca	34465 Highway 17, RR#1 Deep River ON K0J 1P0	+1 613 584 3114
Town of Petawawa	Bob Sweet	Mayor	mayor@petawawa.ca	23 Ethel Street Petawawa ON K8H 2B9	+1 613 687 5837
Town of Petawawa	Christine Mitchell	Economic Development Officer	cmitchell@petawawa.ca	Petawawa, Ontario, Canada	+1 613 687 5536 ext. 2021
Town of Petawawa	Dan Scissons	Chief Administrative Officer	dscissons@petawawa.ca		+1 613 687 5536 ext. 2010
Town of Petawawa	David Unrau	Public Works Director	dunrau@petawawa.ca	1111 Victoria Street Petawawa ON K8H 2E6	+1 613 687 5536 ext. 2018
Town of Petawawa	Gary Serviss	Deputy Mayor	gserviss@petawawa.ca	1111 Victoria Street Petawawa ON K8H 2E6	+1 613 687 0021
Town of Petawawa	Karen Cronier	Planning & Development Director	kcronier@petawawa.ca	1111 Victoria Street Petawawa ON K8H 2E6	+1 613 687 5536
Town of Petawawa	Karen Cronier	Director - Planning and Development	kcronier@petawawa.ca	1111 Victoria Street Petawawa ON K8H 2E6	+1 613 687 5536
Town of Petawawa	Kate Bennett	Executive Assistant	kbennett@petawawa.ca		(613) 687-5536 ext. 2017
Town of Petawawa	Scott Randolph		srandolph@petawawa.ca		
Town of Petawawa	Srandolph -		srandolph@petawawa.ca		
Town of Petawawa	Steve Knott	Fire chief	sknott@petawawa.ca		
Town of Renfrew	Jmurphy -		jmurphy@renfrew.ca		
Town of Renfrew	Peter Emon		pemon@renfrew.ca	Renfrew, Ontario, Canada	
Township of Laurentian Valley	Steve Bennett	Mayor		460 Witt Road R.R. #4 Pembroke ON K8A 6W5	+1 613 735 8580

Organisation	Full name	Position	Email	Main address	Main phone
Atomic Energy of Canada Limited	Sean Enright		sean.enright@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	
Atomic Energy of Canada Limited	Meghan Leach	Executive Admin Assistant	mleach@aecl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 589 2085 ext. 10217
Atomic Energy of Canada Limited	Annie Morin		annie.morin@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 584 3311 ext. 46002
Atomic Energy of Canada Limited	Susan Titterington		susan.titterington@cnl.ca	286 Plant Rd Stn 508A Chalk River ON K0J 1J0	+1 613 584 8811 ext. 46774
Black Bay Ratepayers Association	Roy Reed	President	bbraemail@gmail.com		613-687-0854
Canadian Parks and Wilderness Society Ottawa Valley			info@cpaws.org	15 Rue Taschereau Suite 240 Gatineau QC J8Y 2V6	+1 819 778 3355
Conseil des Ecoles Catholiques du Centre-Est	Marc Bertrand	Director of Education and Secretary-Treasurer	bertrma@ecolecatholique.ca		
Department of National Defence (DND)	Joan Behnke	Realty Asset Manager - Real Property Operations Detachment Petawawa	JOAN.BEHNKE@forces.gc.ca	101 Menin Road P.O. Box 9999 Chalk River ON K8H 2X3	+1 613 687 5511 ext. 5586
Friends of Petawawa Research Forest	Robin Cunningham	Chair	rcunning@bell.net		
Friends of Petawawa Research Forest	Frank Knaapen	Vice-Chair	frank.inthewild1@gmail.com		613-687-6037
Keetna Snowmobile and Recreation	Sam Bloedow	President	keetna@snowcountrysnowmobileregion.ca	RR#7 Pembroke ON K8A 6W5	+1 613 735 7909
North Renfrew Snowmobile Association Inc.	Bruce Boucher	Director	boucherb@live.ca	P.O. Box 415 Deep River ON K0J 1P0	+1 613 586 2355
North Renfrew Snowmobile Association Inc.	Clair Cox	Groomer Cooperator	cahacox@gmail.com	P.O. Box 415 Deep River ON K0J 1P0	+1 613 584 3851
North Renfrew Snowmobile Association Inc.	Karen Crain	Vice President	karencrain@sympatico.ca	P.O. Box 415 Deep River ON K0J 1P0	+1 613 586 1951
North Renfrew Snowmobile Association Inc.	Marvin Dupuis	Landowner Coordinator	marvin.dupuis@gmail.com	P.O. Box 415 Deep River ON K0J 1P0	+1 613 589 2762
North Renfrew Snowmobile Association Inc.	Simon Lawson	President	northrenfrew@snowcountrysnowmobileregion.ca	P.O. Box 415 Deep River ON K0J 1P0	+1 613 732 7018
North Renfrew Snowmobile Association Inc.	John Montin	Treasurer	montinj@magma.ca	P.O. Box 415 Deep River ON K0J 1P0	+1 613 584 1213
North Renfrew Snowmobile Association Inc.	Craig Parr	Trail Coordinator	parrcraig@hotmail.com	P.O. Box 415 Deep River ON K0J 1P0	+1 613 639 1951
North Renfrew Snowmobile Association Inc.	Doug Pinard	Director	dougpinard@sympatico.ca	P.O. Box 415 Deep River ON K0J 1P0	+1 613 586 1951
North Renfrew Snowmobile Association Inc.	Rick Pyke	Director	pyke.rick@gmail.com	P.O. Box 415 Deep River ON K0J 1P0	+1 613 589 9545
Ontario Association of Agricultural Societies (District 2)	Angie Robinson	District 2 - Provincial Director	angie@oaasfairs.com		613-717-1169
Ontario Power Generation (OPG)	Nathan Duxbury	Acting Site Environmental Advisor	nathan.duxbury@opg.com	ON, Canada	+1 613 433 9673 ext. 3341

Organisation	Full name	Position	Email	Main address	Main phone
Pembroke and Area Airport	Stephen Gilchrist	Manager	info@flycyta.ca	176 Len Hopkins Drive RR #6 Pembroke ON K8A 6W7	+1 613 687 5300
Pembroke and Area Airport	Natalie Tricco	Assistant	info@flycyta.ca	176 Len Hopkins Drive RR #6 Pembroke ON K8A 6W7	+1 613 687 5300
Renfrew County Catholic District School Board	Mark Searson	Director of Education	msearson@rccdsb.edu.on.ca		613-735-1031
Renfrew County District School Board	Pino Buffone	Director of Education/Secretary of the Board	communications@rcdsb.on.ca		613-735-0151 ext. 2230
Snow Country Snowmobile Region (OFSC District 6)	Cheryl Reid	President/Governor	cheryl.reid01@gmail.com	40484 Highway 41 Pembroke ON K8A 6W5	1-877-376-7669; (613)735-8882
Snow Country Snowmobile Region (OFSC District 6)			snowcountry@nrtco.net	40484 Highway 41 Pembroke ON K8A 6W5	+1 877 376 7669
The Firelight Group	Katy Dimmer	Environmental Assessment Specialist	katy.dimmer@thefirelightgroup.com		
The Firelight Group	Tania Salerno		tania.salerno@thefirelightgroup.com		
Timberline Snowmobile Club	Kerry MacDonald	President	timberline@snowcountrysnowmobileregion.ca	R.R. #7 P.O. Box 824 Pembroke ON K8A 7M5	+1 613 757 2830
Deep River Cross Country Ski Club			info@drxc.ca	112 Balmer Bay Road P.O. Box 999 Deep River ON K0J 1P0	

A-2: Compiled Consultation and Engagement Materials

NOTICE OF COMMENCEMENT OF ENVIRONMENTAL ASSESSMENT

CIRCUIT D6 TRANSMISSION LINE RELOCATION –HYDRO ONE NETWORKS INC.

July 22, 2021

Hydro One Networks Inc. (Hydro One) is beginning an environmental study under Hydro One's Class Environmental Assessment (EA) for Minor Transmission Facilities (https://www.hydroone.com/about/corporate-information/major-projects/class-environmental-assessment). A section of 115 kilovolt transmission line, known as Circuit D6 (the project), crosses an active area of the Department of National Defence's Garrison Petawawa military base. We are planning to relocate approximately 25 kilometres of the line between Chalk River Junction (JCT) in the Township of Laurentian Hills and Petawawa JCT in the Town of Petawawa, as shown on the reverse map. Moving the line will ensure our crews can safely perform refurbishment work on equipment nearing its end of life and ensure Hydro One infrastructure does not disrupt military activities.

This work is in support of broader investments between Pembroke and Des Joachims, which includes replacing wood poles, shield wire, and conductors. We are investing in a smarter, sustainable and reliable electricity system to energize life for families, business and communities now and in the future.

EA PLANNING PROCESS

Through the EA process, we will study and evaluate the alternative routes, as shown on the reverse map, to select a preferred route with the least overall effects to the environment and to assess the potential effects of the project, including incorporation of Indigenous Knowledge. We want to hear from you during the environmental assessment so we can build a line that respects the interest and needs of your communities.

ENGAGEMENT OPPORTUNITIES

Hydro One will host virtual engagement opportunities in the fall and we look forward to sharing more details soon. Please get in touch to join our contact list to be notified of opportunities to get involved.

For more information, to sign up to our project contact list, or ask questions, please contact Hydro One Community Relations at:

1-877-345-6799 Community.Relations@HydroOne.com www.HydroOne.com/D6Relocation

Si vous souhaitez une copie de cette notification en français, veuillez visiter le site Internet du projet ou envoyer un courriel au projet pour en demander une copie.

Freedom of Information and Protection of Privacy Act

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-819-5148.


hydro one
D6 Transmission Line Relocation
Study Area and Route Alternatives
Project Location
Quebec
Ottawa
Ontario
New York
Kingston
1:7,000,000
N
Deep River
Chalk Ri
Baggs Road
Wylie Road
Plant Road
Chalk River
Cartier Lake Road
Clouthier Road
Deluthier Road
Middle Road
Clement Lake Road
Ottawa River
Highway 17
Orange Road
Laurentian Hills
Tucker Lake Road
Totalize Road
Racehorse Road
Brindle Road
Veritable Road
Crest Road
Centurion Road
Menin Road
Victoria Street
Laurentian Drive
Petawawa
Petawawa Boulevard
Murphy Road
Paquette Road
Rantz Road
Survey Lake Road
Black Bay Road
Doran Road
Airport Road
Summers Road
Petawawa Junction
Pitzner Road
Priebe Road
Achray Road
Barron
Legend
Preliminary Study Area
Route A
Route A Alternate Start Point
Route B East of Highway
Route B Highway Crossing Deviation
Existing Line to be Decommissioned
Existing Tranmission Line
Transmission Line Junction
Municipality
Water
Built-up Area
Vegetated Area
Abandoned Railbed
0
5
10 km
1:150,000
N

You're Invited

To the Community Information Centre for relocation of D6 transmission line project

Hydro One invites you to join us at our upcoming community information session to learn more about the Circuit D6 Relocation project, provide feedback and ask questions to members of our project team.

We are making an important investment in our 115-kilovolt transmission line, called Circuit D6. A section of Circuit D6 crosses an active area of the Department of National Defence's Garrison Petawawa military base. We are planning to relocate approximately 25 kilometres of the line between Chalk River Junction (JCT) in the Township of Laurentian Hills and Petawawa JCT in the Town of Petawawa, as shown on the reverse map. Moving the line will ensure our crews can safely perform refurbishment work on equipment nearing its end of life and ensure Hydro One infrastructure does not disrupt military activities. We initiated an environmental study under Hydro One's Class Environmental Assessment (EA) for Minor Transmission Facilities (**HydroOne.com/ClassEA**) for the Circuit D6 Relocation project.

Covid-19 Protocols

The following measures will be followed at this event, as per Ontario's public health and safety guidelines:

- The Petawawa Legion requires all individuals show proof of full vaccination status as defined by Ontario's Public Health guidelines prior to entering the building
- Masks and physical distancing of 2 metres
- Completion of a covid screening prior to entry

We understand community members may be unable to attend this event. As such, all information shared at the event will be made available on the project website beginning November 17, 2021.

Si vous souhaitez une copie de cette notification en français, veuillez visiter le site Internet du projet ou envoyer un courriel au projet pour en demander une copie.

Community Information Centre

Wednesday,
November 17, 2021
6:00 – 8:00 p.m.

The Petawawa Legion,
3583 Petawawa Blvd,
Petawawa ON
K8H 2Y1

Hydro One Community Relations

1.877.345.6799

Community.Relations@HydroOne.com

HydroOne.com/D6Relocation

Freedom of Information and Protection of Privacy Act

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-819-5148.


hydro one
D6 Transmission Line Relocation
Study Area and Route Alternatives
Project Location
Quebec
Ottawa
Ontario
New York
Kingston
1:7,000,000
N
Deep River
Baggs Road
Wylie Road
Plant Road
Chalk River Junction
Chalk River
Cartier Lake Road
Clouthier Road
Deluthier Road
Middle Road
Ottawa River
Clement Lake Road
Highway 17
Orange Road
Laurentian Hills
Racehorse Road
Totalize Road
Tucker Lake Road
Brindle Road
Veritable Road
Crest Road
Centurion Road
Menin Road
Victoria Street
Petawawa
Petawawa Boulevard
Laurentian Drive
Paquette Road
Rantz Road
Murphy Road
Survey Lake Road
Black Bay Road
Doran Road
Airport Road
Summers Road
Petawawa Junction
Pitzner Road
Prieber Road
Achray Road
0
5
10 km
1:150,000
N
Legend
Study Area
Route A
Route A Alternate Start Point
Route B East of Highway
Route B Highway Crossing Deviation
Existing Line to be Decommissioned
Existing Transmission Line
Transmission Line Junction
Abandoned Railway Track
Municipality
Built-up Area
Wooded Area
Water



WELCOME

Circuit D6 Transmission Line Relocation Project

Agenda

1. Project Overview
2. Project Area
3. Project Timeline
4. Class Environmental Assessment Process
5. Evaluating the Alternative Routes to Select a Preferred Route
6. Indigenous Engagement
7. Project Benefits
8. How to Get Involved

Project Overview

- A section of 115 kilovolt transmission line, known as Circuit D6 (the project), crosses an active area of the Department of National Defence's Garrison Petawawa military base

- Relocating the line will ensure our crews can safely perform refurbishment work on equipment nearing its end of life and ensure Hydro One infrastructure does not disrupt military activities

- This project is subject to the *Class Environmental Assessment for Minor Transmission Facilities* (Hydro One, 2016), in accordance with Ontario's *Environmental Assessment Act*



Example of what the line structures will look like once work is complete (structures will be grey composite)

Project Area

- We are planning to relocate approximately 25 kilometres of the line between Chalk River Junction (JCT) in the Township of Laurentian Hills and Petawawa JCT in the Town of Petawawa.



Project Timeline

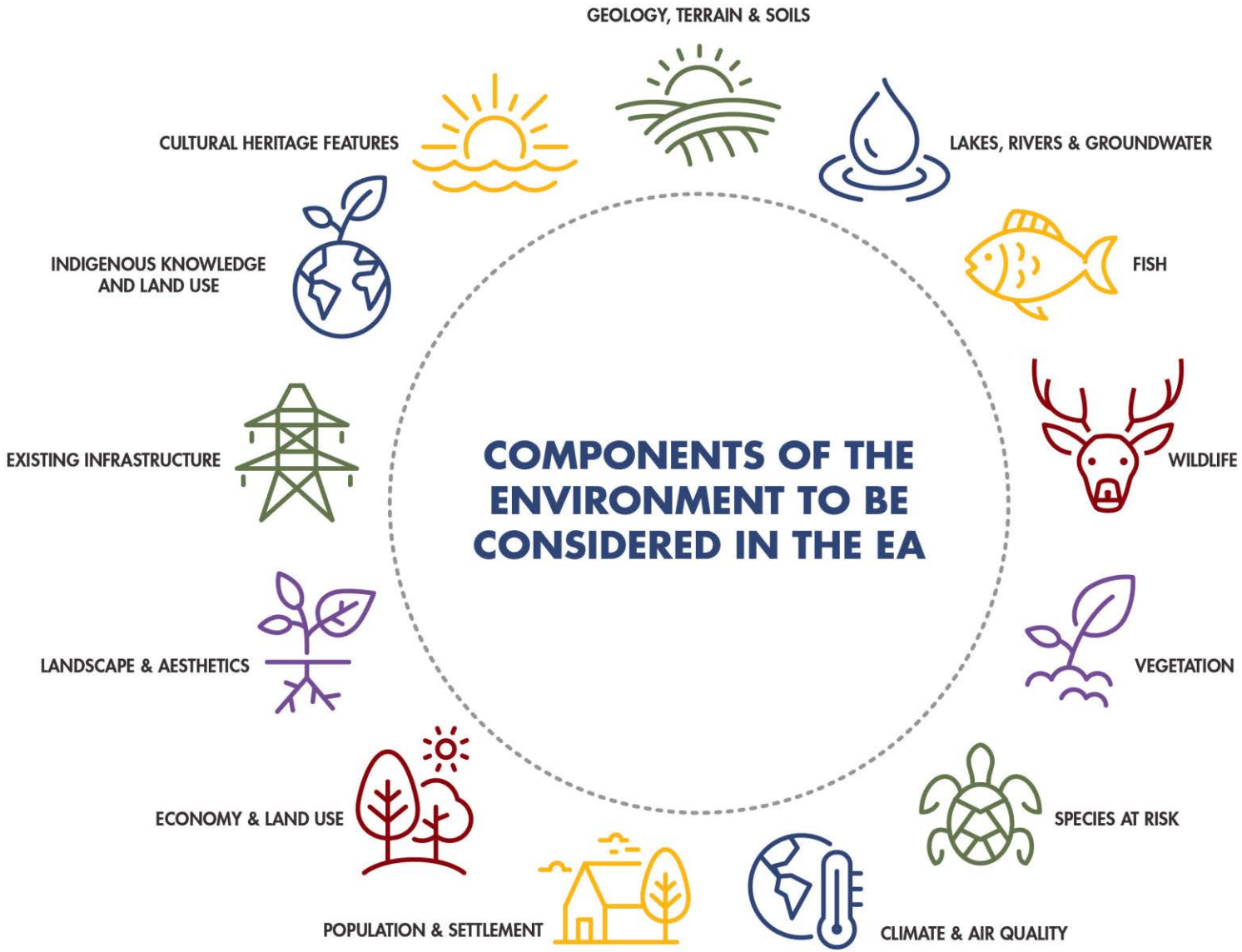
July 2021	July – Dec 2021	Dec 2021 – Jan 2022	Summer 2022	Fall 2022	March 2023	October 2024
Environmental assessment Notice of Commencement	Consultation and data collection to help evaluate the alternative routes	Preferred route selected	Draft environmental study report available for 30-day review period for the public and Indigenous communities	Environmental study report finalized and submitted to the Ministry of the Environment, Conservation and Parks for approval	Construction start, pending leave to construct approval from the Ontario Energy Board	Construction completed

WE ARE HERE

Consultation with Indigenous communities, members of the public and agency groups will be ongoing throughout the life of the project

The Class Environmental Assessment (EA) Process

- A Class EA is a planning process and decision making process for projects to asses the existing environment and promote environmentally responsible decision-making
- This graphic shows components of the environment to be considered as part of the EA



Hydro One's Class EA is available at:
HydroOne.com/ClassEA

Evaluating the Alternative Routes

The alternative routes were selected with the intent to minimize environmental effects, based on the following criteria (in no particular order):

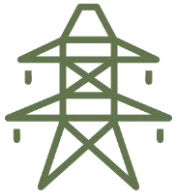
- Constructible and cost effective
- Preference to co-locate linear infrastructure and re-use abandoned corridors to minimize environmental effects and cost
- Avoid watercourse crossings where practical
- Avoid wetland crossings where practical
- Minimize effects to private property
- Avoid or mitigate effects to known archaeological and cultural heritage resources
- Minimize effects to known species at risk and their habitat
- Minimize effects to known forested areas and vegetation

The studies completed and feedback collected throughout the environmental assessment will help us continue to evaluate each route and select a preferred route with the least overall impact to the environment.

We anticipate a preferred route will be selected at the end of 2021 – early 2022.

Indigenous Engagement

- Hydro One is engaging with the Algonquin Anishinaabe Nations and the Metis Nation of Ontario to build meaningful relationships based on mutual trust and respect



- For the D6 project, we are committed to:
  - Meeting with Indigenous leadership and community members to provide project information in a timely manner and incorporate feedback, like Indigenous Knowledge
  - Supporting participation in project work, like monitoring environmental field studies





Project Benefits

Hydro One is committed to energizing life in eastern Ontario and be a trusted community partner. Energizing life means more than supplying safe and reliable power, it means listening to customers and taking action to meet their needs.

- Hydro One will be able to more easily maintain the transmission line in the future and reliability may be improved
- The Department of National Defence will be able to more effectively and safely use the active military zone where the line is currently located
- We are committed to continue buying from Ontario businesses and Indigenous businesses to support economic recovery from the Covid-19 pandemic. As the project progresses, we look forward to sharing procurement opportunities with businesses in the region, including Indigenous businesses

How To Get Involved



A member of our project team would be happy to speak with you to answer your questions and gather your input



Join the contact list to receive project updates by contacting Community.Relations@HydroOne.com or 1-877-345-6799



Attend future engagement opportunities

To stay up to date on project details, please visit
www.HydroOne.com/D6Relocation

Proposed transmission line relocation between Chalk River and Petawawa

Project update

March 2025

Hydro One will reinitiate work for the proposed relocation of a 115-kilovolt (kV) transmission line, known as Circuit D6. The project began in 2021 and involves the relocation of lines that currently cross an active area of the Department of National Defence's Garrison Petawawa military base. The lines will connect into existing Hydro One corridors near Chalk River at the north end and along Black Bay Road at the south end.

Once built, the new line will improve reliability for the Petawawa area and minimize impacts to nearby military activities.

Following a detailed analysis, Hydro One has refined the proposed routing, as seen on the attached map, and will move forward with project planning and continuing work on the Class Environmental Assessment (EA).

Environmental assessment

The proposed project is following the Class EA for Transmission Facilities (Class EA for TF, 2024), established in accordance with the Ontario *Environmental Assessment Act*. This planning process applies to transmission infrastructure projects that are carried out routinely and have predictable environmental effects that can be readily managed. Following completion of the Class EA, the project will also require Ontario Energy Board approval under Section 92 (Leave to Construct) of the *Ontario Energy Board Act*, 1998. The in-service date is expected no later than 2027.

We want to hear from you

Meaningful and open engagement is our top priority. Feedback from Indigenous communities, members of the public, businesses, government agencies and other interested parties will be instrumental to inform the Class EA process, routing and overall project planning. We invite you to join our in-person community open house at the Petawawa Legion or visit our website to learn more about the project **HydroOne.com/D6Relocation**.

Community open house

Tuesday, April 8
from 3 – 7 p.m.
Petawawa Legion,
3583 Petawawa Boulevard
Petawawa, ON
K8H 2Y1

We're here to help

If you would like any further information on this project or have any questions or feedback, please contact us at:

1.877.345.6799

Community.Relations@HydroOne.com


hydro one
D6 transmission line relocation study area and route alternative
Project Location
Québec
Ottawa
Ontario
New York
Kingston
1:7,000,000
TOWN OF DEEP RIVER
Chalk River Junction
Maskinonge Lake
WYLIE RD
BAGGS RD
Chalk River
Corry Lake
CLOUTHIER RD
Sturgeon Lake
DELUTHIER RD
CLEMENT LAKE RD
MIDDLE RD
ORANGE RD
TUCKER LAKE RD
TOTALIZE RD
TOWN OF LAURENTIAN HILLS
Tucker Lake
BRINDLE RD
CREST RD
VERITABLE RD
Québec
Ottawa River
MENIN RD
TOWN OF PETAWAWA
PAQUETTE RD
55
16
51
37
25
RAGEHORSE RD
SURVEY LAKE RD
Petawawa River
RANTZ RD
MURPHY RD
PETAWAWA BLVD
DORAN RD
BLACK BAY RD
26
AIRPORT RD
SUMMERS RD
Petawawa Junction
PITZNER RD
PRIEBE RD
Map legend
Preliminary study area
Preferred route alternative
Transmission line to be decomissioned
Existing transmission line
Transmission line junction
Municipality
Water
Built-up area
Vegetated area
Abandoned railbed
0 0.5 1 2 3 km
SCALE 1:78,000
N

Welcome

D6 Transmission Line Relocation community open house #2

April 2025



HydroOne.com/D6Relocation

We are here today to:

- Share an update on proposed routing for the relocation of the D6 circuit
- Provide an overview of the project's history and past route alternatives
- Update on the Environmental Assessment process and route evaluation
- Share information on designing and building the new transmission line
- Present key milestones and next steps
- Answer questions and gather your feedback

HydroOne.com/D6Relocation



D6 Circuit Relocation community open house

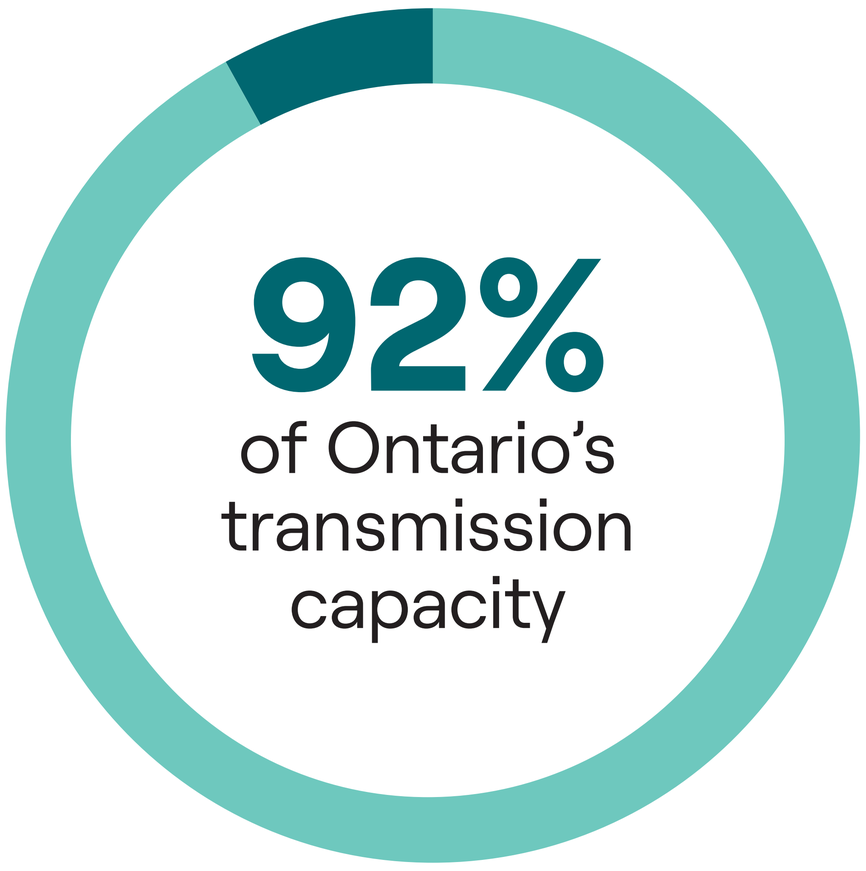
Hydro One acknowledges that this project is proposed within the traditional and ancestral lands of Algonquin and the Anishinaabe. Hydro One acknowledges that this land is now home to many diverse First Nations, Inuit and Métis people. Hydro One understands that Indigenous nations have been the caretakers of Turtle Island since time immemorial.

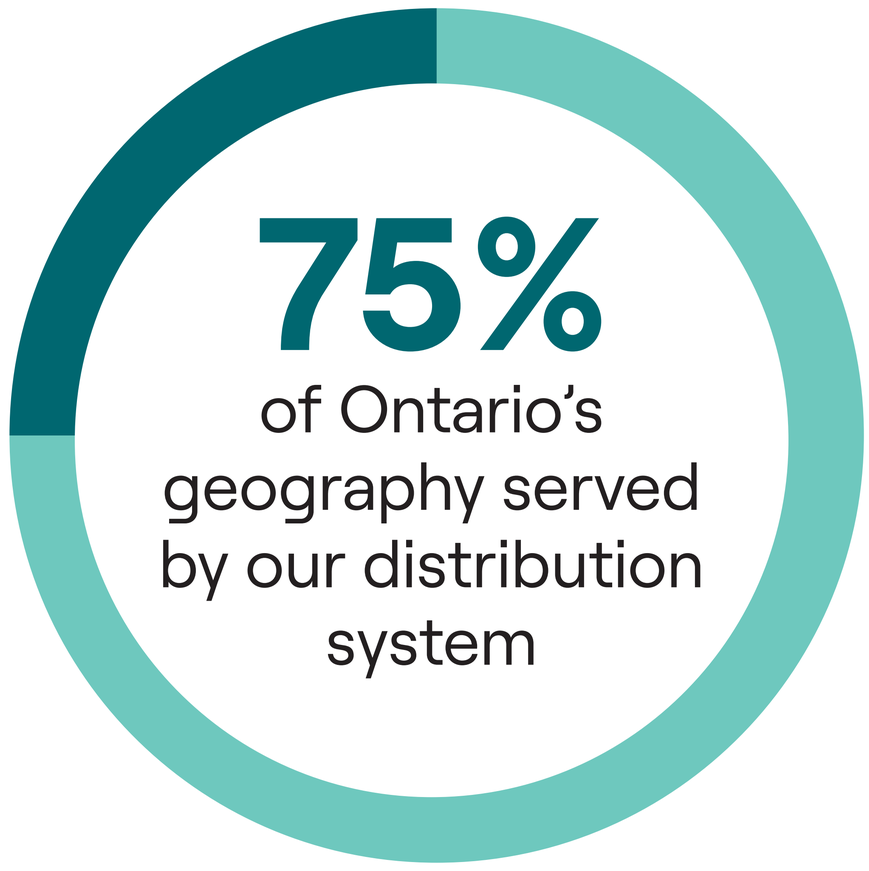
We are all Treaty People and we are thankful to be welcomed on these lands as partners. With a commitment to friendship and our pursuit of reconciliation, we can improve on our past and energize our combined futures.

HydroOne.com/D6Relocation

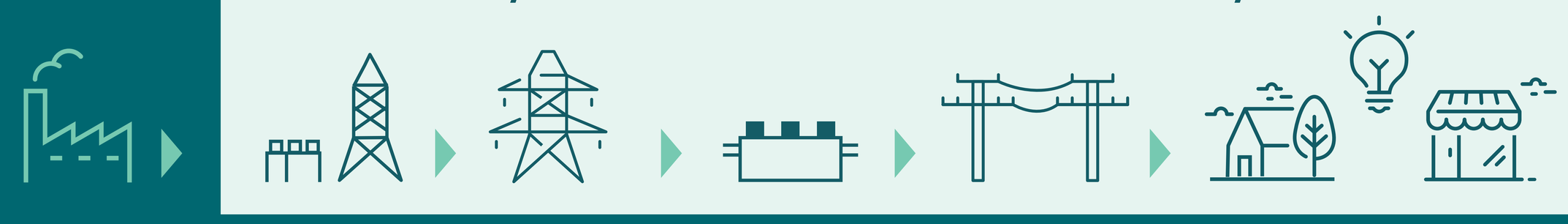
How the system works

Our team of approximately 10,100 skilled and dedicated employees proudly build and maintain a safe and reliable electricity system which is essential to energizing life in communities across the province.





Hydro One's Role in the Ontario Electric System



HydroOne.com/D6Relocation

Project overview

A section of 115-kilovolt transmission line, known as circuit D6 (the project), crosses an active area of the Department of National Defence (DND) Garrison Petawawa military base.

We are planning to relocate approximately 25 kilometres of the line between Chalk River Junction (JCT) in the township of Laurentian Hills and Petawawa JCT in Petawawa.

The relocation of the line will allow crews to safely perform refurbishment work on equipment nearing the end of its service life and minimize impacts to military activities.

We are reinitiating the project Class Environmental Assessment for Transmission Facilities (Hydro One, 2024), in accordance with the Ontario *Environmental Assessment Act* for this project.



HydroOne.com/D6Relocation

Project history

Hydro One began the project in 2021, initiating a Class Environmental Assessment (EA).

A community open house was held in November 2021 to share project details and collect feedback on proposed route alternatives.

Feedback from the open house and communication with key agencies indicated that additional refinement of Route A was needed to avoid conflicts with future developments and expansion of Highway 17.

Hydro One worked closely with the DND and the Ministry of Transportation (MTO) to determine additional route considerations.

An environmental constraints analysis provided additional insight into route refinements needed to avoid sensitive features.

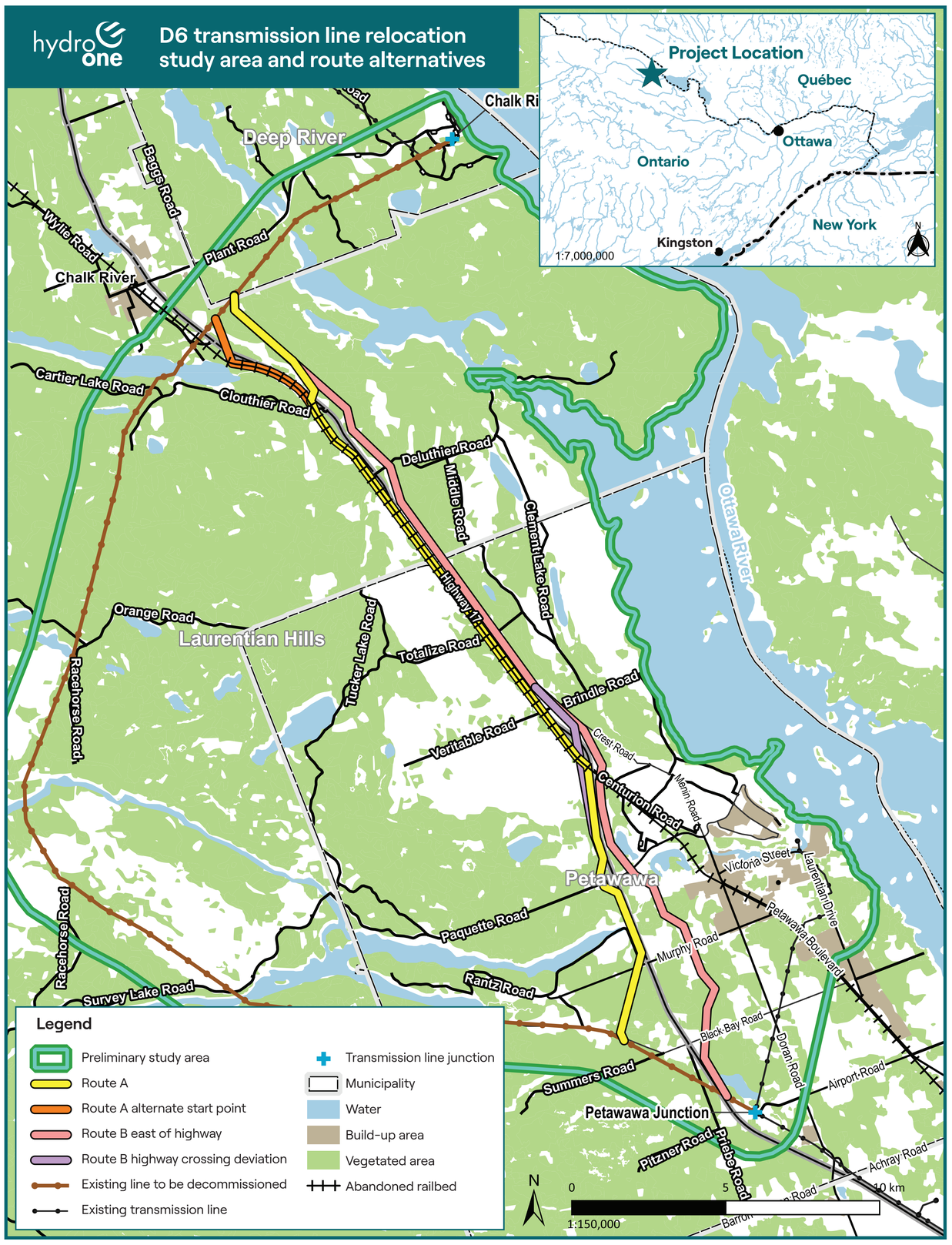


Route alternatives assessed

In fall 2021, we identified three potentially viable route alternatives and variations to connect the relocated circuit into existing Hydro One corridors in the north and south.

Since fall 2021, we have collected environmental and technical information, as well as conducted a detailed constraints analysis.

In fall 2024, following discussions with the Department of National Defense and Ministry of Transportation refinements were made to Route Alternative A.



Previous route alternatives considered.

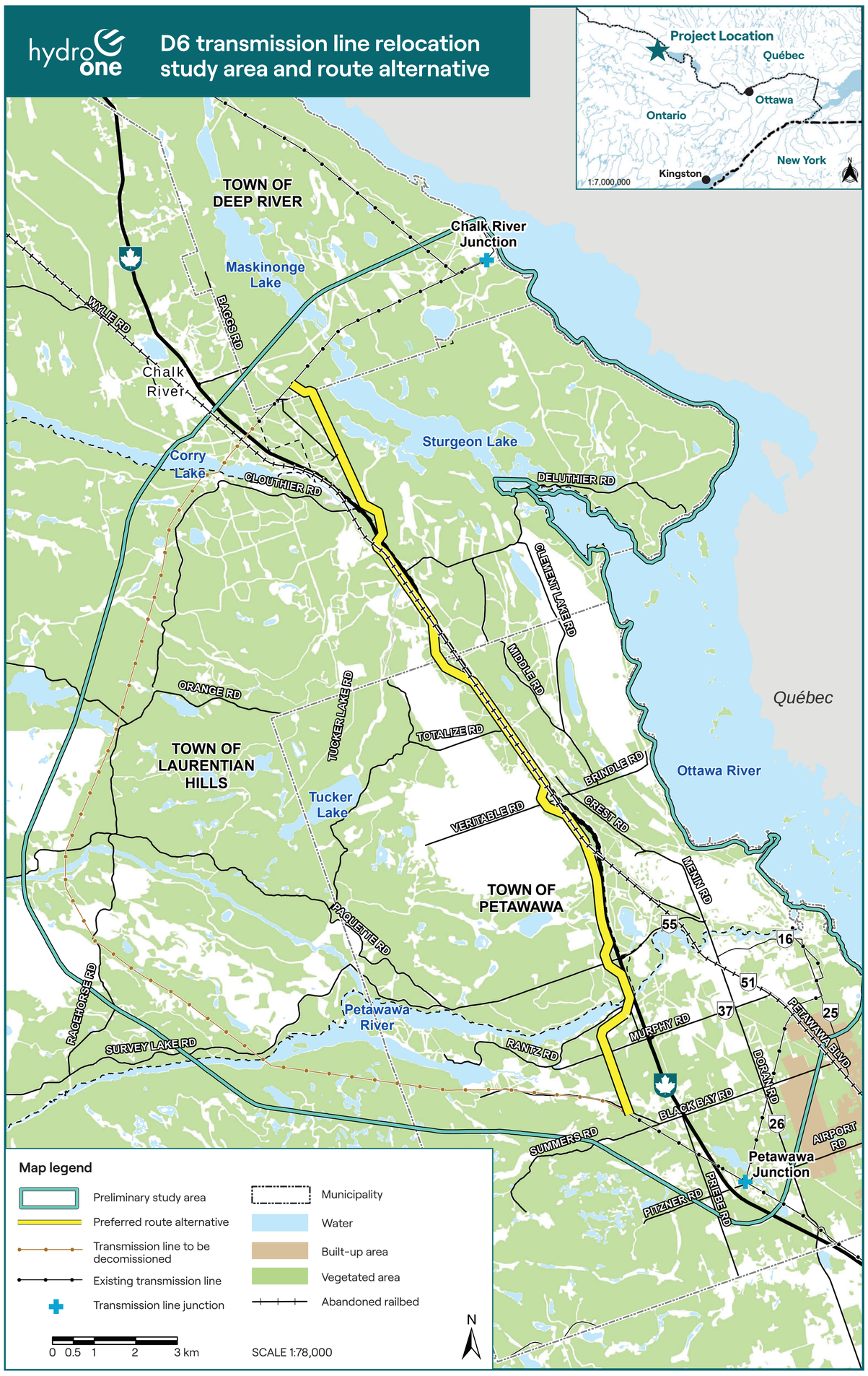
HydroOne.com/D6Relocation

Proposed routing

Refined Route A has the following benefits:

- Refined Route A will pass through the fewest environmentally sensitive features and cause the least disruption to species at risk and their habitats.
- The route alternative will have the fewest impacts to current or planned residential properties.
- The route alternative will not limit DND operations operations or constrain future MTO plans.

See our table maps for more detailed information.



HydroOne.com/D6Relocation

Class Environmental Assessment

The Class Environmental Assessment (EA) for Transmission Facilities (2024) is the first step towards completing the planning for this proposed project.

This process applies to transmission infrastructure projects that are carried out routinely and have predictable environmental effects that can be readily managed to ensure that potential effects are thoroughly considered before a project begins.

Steps of a Class EA

- Consultation with Indigenous communities, property owners, community members, elected officials, interest groups and government agencies.
- Collection of environmental (natural and socio-economic) data.
- Identification and evaluation of alternative methods (ex. route alternatives).
- Identification of potential effects and mitigation measures.

★ Selection of a preferred alternative (ex. preferred route).

- A draft Environmental Study Report (ESR) made available for public review and comment period.
- Submission of Final ESR and Statement of Completion to the Ministry of Environment, Conservation and Parks.

For more information, please see our handout or visit **HydroOne.com/ClassEA**

Route evaluation and constraints analysis

Route refinement considerations

Active areas of DND Garrison Petawawa military base

Design aspects such as highway crossings, turns, hills and distance of spans over watercourse (river crossing)

Homes and private properties

Future road and highway expansion, trails and pipelines

Potential species at risk habitat, forest research plots and other environmentally sensitive areas

Watercourses and wetlands

Wooded areas and habitat fragmentation

Evaluation of the route alternatives

The proposed route is evaluated based on environmental field studies, research and feedback received regarding the advantages and disadvantages based on four evaluation categories:

Natural environment

- Surface water resources
- Vegetation and vegetation communities
- Wildlife and wildlife habitat
- Species at risk
- Wetlands, natural hazards and floodplain areas
- Designated natural areas and identified habitat restoration areas

Socio-economic environment

- Residential properties
- Commercial, industrial, institutional, recreational business and facilities
- Source water protection
- Archaeological resources

Indigenous culture, values and land use

- Intersects areas of historical significance
- Areas that support hunting, trapping and/or harvesting grounds
- Areas that support fish bearing waters
- Effects to rare, undisturbed native habitats or ecosystems

Technical and cost

- Line length
- Crossings of existing infrastructure
- Crossings of large watercourses
- Real estate considerations
- System benefits and impacts
- Construction complexity



Working with property owners

Hydro One continues to work closely with directly impacted property owners.

Property owner choice
Property owners have the choice between a corridor easement or corridor purchase.

Independent valuation
Offers are based on site-specific reports from independent third-party appraisers.

Incentives
Monetary incentives will be offered in addition to market value compensation for voluntary property rights.

Construction and mitigation physical property damages
Property owners will be reimbursed for project related losses such as wood removals during construction.

HydroOne.com/D6Relocation



Designing the transmission line

Detailed design for the transmission line will consider:

- Structure design
- Structure heights and clearances
- Structure locations and distance between structures
- Environmental constraints
- Construction methodology
- Topography and soil conditions
- Right of way width

Over the next several months, we will complete more detailed environmental and technical studies to inform the design of the new line. We will also gather feedback on the proposed route features.

Project timeline

Ongoing consultation and engagement

Environmental studies & assessments

Fall 2021
Class EA Notice of Commencement

November 2021
Community open house #1

Project pause
Constraints analysis and
stakeholder discussions

April 2025
Reinitiate EA work and
Share refined route alternative
Community open house #2

Spring/summer 2025
Complete field surveys and draft ESR

Fall 2025
Finalize Class EA

Early 2026
Construction start

2027
Line in-service

*All dates are subject to change

HydroOne.com/D6Relocation



Thank you

Your input is important to us. Please share your feedback with our team and complete a comment form before you go. To provide comments or to be added to the project contact list, call or email:

1.877.345.6799

Community.Relations@HydroOne.com

For the most up-to-date project information and project updates, visit our project website:

HydroOne.com/D6Relocation

A-3: Key Correspondence

Ministry of Transportation

Corridor Management Section
1355 John Counter Boulevard
Postal Bag 4000
Kingston, Ontario K7L 5A3
Tel.: 613-301-5425
Fax: 613-540-5106
Tarique.kamal@ontario.ca

Ministère des Transports

Section de gestion des couloirs routiers
1355, boulevard John Counter
CP/Service de sacs 4000
Kingston (Ontario) K7L 5A3
Tél.: 613-301-5425
Téléc.: 613-540-5106
Tarique.kamal@ontario.ca

Ontario

October 31, 2024

Leon Watson
Project Manager
Project Management – Project Delivery
Hydro One
AR3. Merivale TS. Admin Bldg.
31 Woodfield Drive, Nepean, ON K2G 3Y4
Website: hydroone.com

Via email: leon.watson@hydroone.com

Re: Comments on Hydro One D6 Relocation Project- Highway 17, Petawawa

The Ministry of Transportation (MTO) has reviewed the revised drawing provided on September 05, 2024, for the proposed Hydro One corridor in the Town of Petawawa. The MTO provides the following comments on the Hydro corridor:

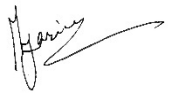
- As discussed during the meeting on October 7, 2024, although MTO supports the conceptual route plan, additional details will be required during the design stage to assess the proposed pole line structures' proximity to the existing Highway 17 right-of-way limit. Specific locations for additional details are marked on the conceptual route plan drawings in Schedule A.

- After MTO approves the final design, Hydro One must obtain an Encroachment permit for the proposed Hydro route crossing locations. The application process is outlined in Schedule B and can be completed online through the Highway Corridor Management System at: https://www.hcms.mto.gov.on.ca/.

- As stated in the letter on January 15, 2024, MTO will evaluate granting an easement for a tower on Brown lands south of the Petawawa River, subject to the tower's type, size, exact location north of the Rantz Road bend, and required installation area. Furthermore, the tower's placement on the north side of the river will need Ministry approval to avoid any potential hindrance to future highway enhancements.

Please contact me if you have any questions or comments.

Regards,



Tarique Kamal
Senior Project Manager
MTO, Eastern Region

CC:

Joan Behnke, Realty Asset Manager, The Department of National Defence (DND)

From: Kamal, Tarique (MTO) <Tarique.Kamal@ontario.ca>
Sent: October 17, 2025 3:40 PM
To: Rob Davies <Rob.Davies@HydroOne.com>; ATTARI Mo <Mo.ATTARI@HydroOne.com>
Cc: Sean Richards <Sean.Richards@HydroOne.com>; Jeff Hankin <Jeff.Hankin@HydroOne.com>; Leon Watson <Leon.Watson@HydroOne.com>
Subject: RE: AR24294 - D6 DND Relocation Update

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Hi MO/Rob,

MTO is satisfied with the response provided and has no further comments regarding the design.

As outlined in our letter dated October 31, 2024, Hydro One must obtain an Encroachment Permit for the proposed hydro route crossing locations prior to commencing any work. The permit application can be submitted online through the Highway Corridor Management System (HCMS) at: HCMS - Highway Corridor Management System

Additionally, for the H-frame structure located on Brown land, south of the Petawawa River, Hydro One will require an easement to place the structure on MTO land. Please submit a survey plan indicating the tower's type, dimensions, precise location north of the Rantz Road bend, and the required installation area.

Please feel free to contact me if you have any questions.

Thanks,

Tarique

Tarique Kamal
Senior Project Manager | Corridor Management | East Operations
Ministry of Transportation | Ontario Public Service
613-301-5425 | tarique.kamal@ontario.ca

Ontario

Taking pride in strengthening Ontario, its places and its people

Highway Corridor Management

March 24, 2025

Hydro One Networks Inc.

483 Bay Street
6th Floor South Tower
Toronto, Ontario M5G 2P5

[redacted]

Re: Important information about the proposed D6 Transmission Line Relocation Project (the "Project") preferred route selection and your property

Dear [redacted],

We are writing to you as you are a property owner affected by the preferred route for the D6 Transmission Line Relocation Project. This proposed project includes the relocation of approximately 25 kilometers of the D6 Transmission Line, which is located within an active area of the Department of National Defense's Garrison Petawawa Military Base. Relocating the line will ensure our crews can safely perform refurbishment work on equipment nearing its end of life and ensure Hydro One infrastructure does not disrupt military activities.

Hydro One began a Class Environmental Assessment in fall 2021 for the proposed project. Alongside detailed field studies, we've gathered feedback from Indigenous communities, property owners, residents, community members, elected officials, municipal staff, and key stakeholders. After a thorough constraints analysis, a refined **Route A** is now the current route option being studied under the Environmental Assessment for this transmission line relocation and it will **affect your property** (see map enclosed). The refinements have been made due to land use and environmental features including Ministry of Transportation owned lands and design considerations for crossing the Petawawa River. For more information on why Route A was chosen please refer to the enclosed factsheet.

As a next step, a dedicated Hydro One Representative from our Real Estate team will be reaching out to you to arrange an introductory meeting at your earliest convenience. We want to take the time to discuss the project, learn more about your property and review the Land Acquisition Compensations Principles ("LACP") booklet enclosed.

The LACP is designed to guide the voluntary land rights agreements for the project and to inform property owners directly affected by the project about the compensation principles we will apply. Hydro One aims to build positive relationships with property owners along the preferred route by establishing voluntary land rights agreements. We prioritize open, fair, transparent, and consistent engagement for all affected property owners, while respecting your unique property interests.

We understand that this process can raise questions and concerns, and we are here to support you every step of the way. If you have immediate questions regarding your property, please do not hesitate to contact **your dedicated Real Estate Representative, Bruce Froats (613-323-2819 I bruce.froats@hydroone.com)**. Hydro One will also be hosting in-person a community open house on April 8, 2025 (see Community Open House Invitation enclosed) to give you a thorough overview of the route selection process and gather your feedback on the preferred route.

Should you have general questions about the D6 Transmission Line Relocation Project, please do not hesitate to contact us.

Community Relations
Email: Community.Relations@HydroOne.com
Tel:1-877-345-6799

Enclosed:

- Route Selection Factsheet
- Notice of Preferred Route and Community Open House Invitation
- Map of your impacted property
- Land Acquisition Compensation Principles Booklet

Proposed transmission line relocation between Chalk River and Petawawa

Project update

March 2025

Hydro One will reinitiate work for the proposed relocation of a 115-kilovolt (kV) transmission line, known as Circuit D6. The project began in 2021 and involves the relocation of lines that currently cross an active area of the Department of National Defence's Garrison Petawawa military base. The lines will connect into existing Hydro One corridors near Chalk River at the north end and along Black Bay Road at the south end.

Once built, the new line will improve reliability for the Petawawa area and minimize impacts to nearby military activities.

Following a detailed analysis, Hydro One has refined the proposed routing, as seen on the attached map, and will move forward with project planning and continuing work on the Class Environmental Assessment (EA).

Environmental assessment

The proposed project is following the Class EA for Transmission Facilities (Class EA for TF, 2024), established in accordance with the Ontario *Environmental Assessment Act*. This planning process applies to transmission infrastructure projects that are carried out routinely and have predictable environmental effects that can be readily managed. Following completion of the Class EA, the project will also require Ontario Energy Board approval under Section 92 (Leave to Construct) of the *Ontario Energy Board Act*, 1998. The in-service date is expected no later than 2027.

We want to hear from you

Meaningful and open engagement is our top priority. Feedback from Indigenous communities, members of the public, businesses, government agencies and other interested parties will be instrumental to inform the Class EA process, routing and overall project planning. We invite you to join our in-person community open house at the Petawawa Legion or visit our website to learn more about the project **HydroOne.com/D6Relocation**.

Community open house

Tuesday, April 8
from 3 – 7 p.m.
Petawawa Legion,
3583 Petawawa Boulevard
Petawawa, ON
K8H 2Y1

We're here to help

If you would like any further information on this project or have any questions or feedback, please contact us at:

1.877.345.6799

Community.Relations@HydroOne.com


hydro one
D6 transmission line relocation study area and route alternative
Project Location
Québec
Ottawa
Ontario
New York
Kingston
1:7,000,000
TOWN OF DEEP RIVER
Chalk River Junction
Maskinonge Lake
WYLIE RD
BAGGS RD
Chalk River
Corry Lake
CLOUTHIER RD
Sturgeon Lake
DELUTHIER RD
CLEMENT LAKE RD
MIDDLE RD
ORANGE RD
TUCKER LAKE RD
TOTALIZE RD
TOWN OF LAURENTIAN HILLS
Tucker Lake
BRINDLE RD
CREST RD
VERITABLE RD
Québec
Ottawa River
MENIN RD
TOWN OF PETAWAWA
PAQUETTE RD
55
16
51
37
25
RAGEHORSE RD
SURVEY LAKE RD
Petawawa River
RANTZ RD
MURPHY RD
PETAWAWA BLVD
DORAN RD
BLACK BAY RD
26
AIRPORT RD
SUMMERS RD
Petawawa Junction
PITZNER RD
PRIEBE RD
Map legend
Preliminary study area
Preferred route alternative
Transmission line to be decomissioned
Existing transmission line
Transmission line junction
Municipality
Water
Built-up area
Vegetated area
Abandoned railbed
0 0.5 1 2 3 km
SCALE 1:78,000
N

Hydro One transmission line relocation
D6 Circuit between Petawawa and Chalk River

Fact sheet: route evaluation and selection process

Hydro One has refined routing options

A 25 km section of 115-kilovolt transmission line, known as circuit D6 crosses an active area of the Department of National Defence (DND) Garrison Petawawa military base.

The relocation of the line will allow crews to safely perform refurbishment work on equipment nearing the end of its service life and minimize impacts to military activities.

The refined proposed route passes through the fewest environmentally sensitive features and causes the least disruption to species at risk and their habitats. It also minimizes impacts to current or planned residential properties and does not limit DND operations or constrain future MTO plans.

Project history



Hydro One began the project in 2021, initiating a Class Environmental Assessment.

A community open house was held in November 2021 to share project details and collect feedback on proposed route alternatives. Feedback from the open house and communication with key agencies indicated that additional refinement of Route A was needed to avoid conflicts with future developments and expansion of Highway 17.

Hydro One worked closely with the Department of National Defense and the Ministry of Transportation (MTO) to determine additional route considerations.

An environmental constraints analysis provided additional insight into route refinements needed to avoid sensitive features.

We're here to help

1.877.345.6799

Community.Relations@HydroOne.com

HydroOne.com/D6Relocation

Route evaluation and constraints evaluation

Route refinement considerations

Active areas of Department of National Defence Garrison Petawawa military base

Design aspects such as highway crossings, turns, hills, and distance of spans over watercourse (river crossing)

Homes and private properties

Future road and highway expansion, trails and pipelines

Potential species at risk habitat, forest research plots and other environmentally sensitive areas

Watercourses and wetlands

Wooded areas and habitat fragmentation

HYDRO ONE
TRANSMISSION PROJECT

D6 TRANSMISSION LINE RELOCATION PROJECT

LAND ACQUISITION COMPENSATION PRINCIPLES

D6 TRANSMISSION LINE RELOCATION PROJECT

I. Introduction

Land Acquisition Compensation Principles

II. Acquisition Process

A. Project Need, Corridor Identification and Approvals

B. Introduction and Overview

C. Allowance Payment and Access to the Preferred Route

D. Preparation of Independent Property Appraisal Reports

E. Preparation of Hydro One Property Rights Acquisition Offers

F. Next Steps

III. Compensation Principles

A. General Principles

B. Principles Applicable to the Acquisition of Easement Interests

C. Principles Applicable to the Acquisition of Fee Simple Interests

D. Summary

Appendix A

Map of Preferred Route

I. INTRODUCTION

LAND ACQUISITION COMPENSATION PRINCIPLES

As part of the Class Environmental Assessment ("EA") process, Hydro One Networks Inc. ("Hydro One") has selected a preferred route for the D6 Transmission Line Relocation Project (the "Project"). This proposed project includes the relocation of approximately 25 kilometers of the line between the existing Chalk River Junction (JCT) in the Township of Laurentian Hills and the existing Petawawa JCT in the Town of Petawawa. The preferred route where Hydro One's property interests are proposed is referred to in this document as the "Project Corridor". A map of the Project Corridor is outlined in Appendix A.

Hydro One's goal is to secure voluntary property settlements for required Project property rights with directly affected property owners ("Property Owners") in a timely manner. To facilitate this process, it is important that Hydro One's land acquisition compensation principles are communicated to and understood by Property Owners in advance. Furthermore, it is also important that Property Owners are assured these compensation principles will be applied in a fair, transparent and consistent manner.

These project-specific land acquisition compensation principles are founded upon Hydro One's past experience pertaining to land acquisition matters for new transmission line projects. Hydro One's central consideration is the need for Property Owners to have flexibility and choice while balancing Hydro One's desire to achieve timely acquisition of property interests and its obligation to ensure that expenditures are fair and reasonable to ratepayers.

Adoption and application of these compensation principles provides real value for timely settlements and to otherwise avoid potentially lengthier, less flexible and less certain outcomes associated with the legislated expropriation process.

II. ACQUISITION PROCESS

A. PROJECT NEED, CORRIDOR IDENTIFICATION AND APPROVALS

A section of the existing115-kilovolt transmission line, known as Circuit D6, crosses an active area of the Department of National Defence's Garrison Petawawa military base. In order for Hydro One to minimize our impact to their military operations, it is required to relocate this portion of the transmission line.

For more information on the project please visit www.HydroOne.com/D6Relocation.

The Project is subject to the EA for Minor Transmission Facilities in accordance with Ontario's Environmental Assessment Act. Construction of the Project will also require approval from the Ontario Energy Board ("OEB"). It is anticipated that Hydro One will submit an application to the OEB in Fall 2025.

B. INTRODUCTION AND OVERVIEW

In parallel to the EA and OEB approvals ("Approvals"), Hydro One will proceed with the land acquisition process for the Project. The process will commence with individual meetings between Hydro One's dedicated Real Estate Representatives and Property Owners. This meeting is intended to review and discuss the process and land acquisition compensation principles, as set out in this document. Property Owners will be provided the necessary time throughout the process to review the materials, complete follow-up meetings and discussions with their Hydro One Real Estate Representative.

C. ALLOWANCE PAYMENT AND ACCESS TO THE PREFERRED ROUTE

At the initial meeting with affected Property Owners, Hydro One's Real Estate Representative will offer two immediate payments:

(i) An immediate Allowance Payment of $5,000.00 in recognition of the Property Owner's time taken to receive and discuss Hydro One's real estate requirements throughout the Project.

(ii) An immediate Early Access Payment of $5,000.00 for allowing Hydro One's consultants access to and along the Project Corridor to conduct pre-construction activities. Pre-construction activities typically include environmental studies, engineering studies, land appraisal reports and legal surveys of the Project Corridor. In addition to this immediate payment, Hydro One commits to pay for damages that may occur given Hydro One's and their consultants' presence for the Project during this access requirement (offered until shortly after Section 92 Approval).

Hydro One is scheduled to begin its pre-construction activities in the immediate future where possible. Acceptance of the Allowance Payment and Early Access Payment does not obligate the Property Owner to convey any permanent land rights to Hydro One for the Project Corridor.

D. PREPARATION OF INDEPENDENT PROPERTY APPRAISAL REPORTS

Hydro One and its independent consultants will collect all pertinent property information in support of the Project. The consultants include accredited independent appraisers who will prepare site- specific appraisal reports. These reports will quantify the fair market value of each property interest on the Project Corridor along with injurious affection, if applicable.

All appraisers retained by Hydro One have received an Accredited Appraiser Canadian Institute (AACI) designation from the Appraisal Institute of Canada. This ensures that appraisals are conducted in accordance with professional standards established by the Appraisal Institute of Canada.

These independent site-specific appraisal reports will begin in Spring/Summer 2025.

E. PREPARATION OF HYDRO ONE PROPERTY RIGHTS ACQUISITION OFFERS

Hydro One will present each Property Owner with a formal voluntary land acquisition offer (the "Offer") based upon the information contained in the independent site-specific appraisal report. As part of the Offer, Property Owners will be provided with a copy of the appraisal report, together with a sketch plan of the property interest to be acquired.

F. NEXT STEPS

Following receipt and consideration of Hydro One's Offer, the next steps in the process will depend upon whether individual Property Owners consider Hydro One's Offer acceptable. If the Offer is accepted, the acquisition process will proceed, and the parties will finalize and execute the necessary legal documentation.

However, if the Property Owner elects to further assess/review the Offer utilizing an independent appraiser to complete an additional site-specific appraisal, Hydro One will reimburse the Property Owner up to $7,500.00, which is the expected cost of an additional site-specific appraisal report. To be eligible for this reimbursement, the Property Owner must notify Hydro One of its decision to retain independent appraisal services. An independent appraisal carried out for the Property Owner must be conducted by an AACI accredited appraiser and a copy of the site-specific appraisal report is to be provided to Hydro One before reimbursement is paid. If a Property Owner proceeds with this choice, they will forgo the 'Acceptance of the Hydro One Offer' incentive (as described in Section III, Parts B & C). Reimbursement of the above-noted independent appraisal costs is in no way intended to bind the Property Owner to voluntarily convey the property interests required by Hydro One.

Hydro One's Offer will remain open until such time as Hydro One receives a decision from the Ontario Energy Board pursuant to Section 92 of the OEB Act. Should the Project receive Section 92 Approval, Hydro One will no longer require the Early Access agreements nor the Option agreements. Shortly after Section 92 Approval, the Offer from Hydro One will have the Early Access payment and the Option Payment removed.

If the parties are unable to complete a voluntary property settlement, Hydro One will file an application to seek expropriation authority status pursuant to Section 99 of the Ontario Energy Board Act, 1998 ("OEB Act"). Property Owners will be given written notice prior to Hydro One filing this application. Once the application is filed, Hydro One's current Offer will lapse and the Property Owner will be provided a revised Offer. While the revised Offer will comply with the compensation requirements of the Expropriations Act, it will include limited compensation incentives (as described further in this document), resulting in a reduced Offer.

III. COMPENSATION PRINCIPLES

A. GENERAL PRINCIPLES

This section describes the general principles Hydro One will follow in respect to the voluntary acquisition of property interests for the Project:

Property Owner Choice
Property Owners will be offered the choice of Hydro One acquiring either an easement or the fee simple interest in the lands required for the Project Corridor.

Independent Valuation
Hydro One's Offers will be based upon site-specific appraisal reports prepared by external, independent appraisers who have received an Accredited Appraiser Canadian Institute (AACI) designation from the Appraisal Institute of Canada (AIC). This ensures that appraisals are conducted in accordance with professional standards established by the AIC. The appraiser will be directed to complete site-specific appraisals which will include a Property Owner interview and inspection of the property.

Incentive-Based Compensation Offers
Compensation premiums, over and above fair market value, as set out herein will be made available as an incentive to achieve the timely acquisition of required property interests.

Incentives will be applied on a fair, transparent and consistent basis.

Mitigating Physical Property Damages
Upon acceptance of the Offer by the Property Owner and subject to Approvals, Hydro One will complete the acquisition of the property interests and commence construction activities in accordance with its plans and schedule. During pre-construction and construction activities, Hydro One commits to working with Property Owners to ensure physical property damages are mitigated. If mitigation is not possible, Hydro One will compensate Property Owners for all physical damages that arise out of the pre-construction and construction related activities by Hydro One and/or its contractors.

B. PRINCIPLES APPLICABLE TO THE ACQUISITION OF EASEMENT INTERESTS

This section describes more specific compensation principles applicable to the voluntary acquisition of easement interests. Hydro One commits to implementing the following easement compensation principles:

Valuation of Easement Interest
Hydro One's Offer will value all easement interests based upon 75% of the appraised fair market value of the subject property applied to Hydro One's individual property requirements.

Injurious Affection
Compensation for injurious affection is provided when reductions to the market value of the remaining property interests are estimated to result from Hydro One's use of the interest in the portion of the property required for the Project. This amount is determined as part of the independent appraisal process. The analysis takes into consideration various attributes of the remaining property and whether a loss in market value is likely to result from the construction and operation of the Project.

Hydro One will ensure that all appraisals prepared by Hydro One's contracted independent appraisers consider and, where applicable, make provision for any injurious affection arising to the remaining acreage of the property directly impacted by the Project Corridor that is owned by the Property Owner.

Incentive Compensation

Property Owners who accept Hydro One's Offer to acquire easement interests will be provided with the following incentive compensation amounts:

Premium Above Fair Market Value
An amount equal to 50% of the appraised fair market value of the acreage over which the easement interest will be taken. This equates to a total fair market value payment of 125% for the easement interest required for the Project Corridor; plus

Option Payment
An Option payment of $10,000 paid at the time the option agreement is executed (offered until shortly after Section 92 Approval) plus;

Acceptance of the Hydro One Offer
At the time Hydro One closes the transaction (i.e., after the Project receives all required approvals), a further payment of $10,000. Payment of this incentive is conditional on the Property Owner not requesting reimbursement of costs for an additional independent appraisal report (as described in Section II, Part F).

Property owners have reassurance that the Offer presented will not decrease if the market fluctuates downward after executing their voluntary agreements.

Other Compensation

Hydro One commits to reimbursing Property Owners for reasonably incurred transaction costs (such as lawyer's fees) associated with the review and completion of applicable conveyancing documents.

Each Property Owner affected by the loss of wooded areas on the Project Corridor will be offered a one-time payment recognizing the value of any current merchantable timber. The payment will be based upon a third-party independent valuation.

Hydro One further commits to compensating Property Owners for all damages that arise out of the pre-construction and construction related activities by Hydro One and/or its contractors. The types of construction damages could include but are not limited to rutting of laneways and fence or gate damage. In addition, Property Owners are assured that all damages arising out of the Project will be rectified or reimbursed.

Hydro One will consider on a case-by-case basis whether unique or exceptional circumstances exist which require the payment of additional compensation.

C. PRINCIPLES APPLICABLE TO THE ACQUISITION OF A FEE SIMPLE (OWNERSHIP) INTEREST

This section describes the compensation principles that will be applied when Property Owners prefer to sell the fee simple interest (i.e., ownership) in a portion of the property required for the Project Corridor instead of an easement interest. In such circumstances, Hydro One will implement the following compensation principles:

Valuation

Hydro One's Offer will value fee simple interests based upon 100% of the appraised fair market value of the subject property applied to Hydro One's individual property requirements.

Injurious Affection

Compensation for injurious affection is provided when reductions to the market value of the remaining property interests are estimated to result from Hydro One's use of the interest in the portion of the property required for the Project. This amount is determined as part of the independent appraisal process. The analysis takes into consideration various attributes of the remaining property and whether a loss in market value is likely to result from the construction and operation of the Project.

Hydro One will ensure that all appraisals prepared by Hydro One's contracted independent appraisers consider and, where applicable, make provision for any injurious affection arising to the remaining acreage of the property directly impacted by the Project Corridor that is owned by the Property Owner.

Incentive Compensation

Property Owners who accept Hydro One's Offer to acquire fee simple interests will be provided with the following incentive compensation amounts:

Premium Above Fair Market Value
An amount equal to 25% of the appraised fair market value of the acreage over which the fee simple interest will be taken. This equates to a total fair market value payment of 125% for the fee simple interest required for the Project Corridor; plus

Option Payment
An Option payment of $10,000 paid at the time the option agreement is executed (offered until shortly after Section 92 Approval) plus;

Acceptance of the Hydro One Offer
At the time Hydro One closes the transaction (i.e., after the Project receives all required approvals), a further payment of $10,000. Payment of this incentive is conditional on the Property Owner not requesting reimbursement of costs for an additional independent appraisal report (as described in Section II, Part F).

Property owners have reassurance that the Offer presented will not decrease if the market fluctuates downward after executing their voluntary agreements.

Other Compensation

Hydro One commits to reimbursing Property Owners for reasonably incurred transaction costs (such as lawyer's fees) associated with the review and completion of applicable conveyancing documents.

Each Property Owner affected by the loss of wooded areas on the Project Corridor will be offered a one-time payment recognizing the value of any current merchantable timber. The payment will be based upon a third-party independent valuation.

Hydro One further commits to compensating Property Owners for all damages that arise out of the pre-construction and construction related activities by Hydro One and/or its contractors. The types of construction damages could include but are not limited to rutting of laneways and fence or gate damage. In addition, Property Owners are assured that all damages arising out of the Project will be rectified or reimbursed.

In circumstances where the Property Owner seeks to continue to use the newly-acquired Project Corridor lands, Hydro One will make all reasonable efforts to negotiate a licence-back arrangement for the ongoing occupation and use of the Project Corridor in compliance with Hydro One's licensing policy.

Hydro One will consider on a case-by-case basis whether unique or exceptional circumstances exist which require the payment of additional compensation.

D. SUMMARY

Hydro One aims to enter into option agreements with Property Owners to acquire an easement/fee simple interest in the Project Corridor. The land acquisition compensation principles (other than reimbursement of independent appraisal costs as discussed in Section II, Part F of this document) will be incorporated into the terms and conditions of the agreement(s) made between Hydro One and the Property Owners, which form part of the option agreements.

At the time the option agreement is executed, Hydro One will pay Property Owners an incentive compensation amount of $10,000.00. Hydro One will pay the balance of the agreed upon compensation and incentive amounts if and when the Approvals for the Project are obtained, and the option agreement is exercised by Hydro One.

Hydro One commits to having its Offer remain available to Property Owners until such time as Hydro One decides to seek expropriation authority status pursuant to Section 99 of the OEB Act. This step will happen only if and when Approvals for the Project have been obtained.

APPENDIX A

Map of Preferred Route



FOR MORE PROJECT INFORMATION:

HydroOne.com/D6Relocation

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A-4: Record of Consultation

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2021-07-02 12:02	Email	Outgoing	Ethan Huner, Janet Stavinga, Sarah Cronier, Trevor Parker	Erika Dawson, Jeff Hankin, Sara Jane Souliere	Hydro One emailed Algonquins of Ontario and provided the Notice of Commencement for the Project and offered an early briefing to discuss the Project.
2021-08-16 00:00	Phone	Outgoing	Algonquins of Ontario	Erika Dawson	Hydro One called Algonquins of Ontario Consultation Office to follow up on the Notice of Commencement for the Project and to discuss interest in participating in field studies in the fall of 2021.
2021-08-16 15:24	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Sarah Cronier, Trevor Parker	Erika Dawson, Sara Jane Souliere	Hydro One emailed Algonquins of Ontario and requested a phone call to discuss their interest in participating in the Project. Hydro One provided a project map, the Notice of Commencement, and offered additional meeting opportunities to discuss the Project.
2021-09-07 11:23	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Sarah Cronier, Trevor Parker	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and requested confirmation that they had received the previous emails from Hydro One and to ensure Algonquins of Ontario were aware of the opportunity to participate in the fall of 2021 fieldwork. Hydro One noted that these studies have a direct input into the selection of the preferred route and offered to schedule a meeting for further discussion.
2021-09-21 16:36	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Hydro One and confirmed receipt of the previous email correspondence. Algonquins of Ontario indicated they did not have field monitors available but provided the contact information for another Algonquins of Ontario contact who was interested and available to provide an overview of Project updates at the Algonquins of Ontario Planning and Environment Working Group meeting to be held on November 8, 2021. Algonquins of Ontario thanked Hydro One for keeping them updated and for considering their participation in the Project.
2021-09-22 09:22	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Janet Stavinga	Erika Dawson	Algonquins of Ontario emailed Hydro One and followed up regarding the Project fieldwork and general updates. Algonquins of Ontario provided their availability to meet virtually.
2021-09-22 10:12	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and offered a touchpoint to connect. Hydro One confirmed the fieldwork was scheduled for the following week of September 27, 2021 and indicated they would reach out to the Algonquins of Ontario representative that was introduced to observe the fieldwork on behalf of Algonquins of Ontario. Hydro One requested confirmation of the point of contact going forward for the Project.
2021-09-22 10:36	Email	Outgoing	Morgan Hawkins	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and invited the representative to participate as an observer for the fieldwork and offered capacity funding in order to support this. Hydro One introduced their consultant, Dillon Consulting, and requested the Algonquins of Ontario representative work with Dillon Consulting directly to coordinate the fieldwork. Hydro One provided their availability to meet to discuss the Project.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2021-11-05 11:05	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Erika Dawson	Hydro One emailed Algonquins of Ontario and provided the Notice of Public Information Session to be held November 17, 2021 at the Petawawa Legion, noting the attached Notice provided further details. Hydro One indicated the Notice would be circulated throughout the Project area by newspaper publications, and through radio announcements. Hydro One noted that due to COVID-19 health concerns and protocols, all information would also be provided through the Project website and provided a link. Hydro One offered to hold a community information session specifically for Algonquins of Ontario. Hydro One requested Algonquins of Ontario's availability to meet to discuss the route selection process for the Project.
2021-11-05 14:13	Email	Incoming	Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Morgan Hawkins, Trevor Parker	Erika Dawson	Algonquins of Ontario emailed Hydro One and thanked them for sending the Project Notice, noting they would circulate the information regarding the community open house to the Algonquins of Ontario community and encourage interested leaders and their members to attend. Algonquins of Ontario indicated they would notify community leaders of the opportunity to coordinate a community-level information session with Hydro One. Algonquins of Ontario indicated their interest in having Hydro One provide a Project presentation on the route selection process and noted this may be possible through a staff-to-staff level meeting in November 2021, or as part of the December 6, 2021 meeting of the Planning and Environment Working Group. Algonquins of Ontario stated that someone from their office would be in touch later that week to confirm.
2021-11-05 14:54	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Janet Stavinga, Morgan Hawkins, Trevor Parker	Erika Dawson	Hydro One emailed Algonquins of Ontario stating they are looking forward to scheduling a presentation date with them and are happy to coordinate logistics for a community level information session.
2022-02-04 16:04	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and provided a Capacity Funding Agreement (CFA) for Algonquins of Ontario's participation on the Project. Hydro One provided a Project map and decision matrix and indicated they were within the stage of evaluating the alternative routes for the Project and invited Algonquins of Ontario to participate by providing feedback and comments in the decision matrix. Hydro One inquired about Algonquins of Ontario's interest in meeting with the Project Team.
2022-02-14 10:43	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and inquired regarding their interest in attending a Project meeting to discuss capacity funding, overall Project updates, and input into the route selection process.
2022-02-18 13:10	Email	Incoming	Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes	Erika Dawson, Jonathan Marriott, Mike Greer, Simmer Anand	Algonquins of Ontario emailed Hydro One and thanked them for providing the contract information. Algonquins of Ontario requested to meet with Hydro One on February 24, 2022 to discuss the Project.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2022-02-18 15:55	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Janet Stavinga	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Jonathan Marriott, Mike Greer, Richard Cochrane, Simmer Anand	Hydro One emailed Algonquins of Ontario and confirmed they had sent a meeting invitation to discuss the Project.
2022-03-02 16:55	Email	Outgoing	Ethan Huner	Erika Dawson, Mike Greer	Hydro One emailed Algonquins of Ontario, noting that they included the Hydro One logo in the communique, as requested.
2022-03-02 17:17	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Janet Stavinga	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Jonathan Marriott, Mike Greer, Richard Cochrane, Simmer Anand	Hydro One emailed Algonquins of Ontario and provided the requested maps for the Project and requested confirmation that they could open the files. Hydro One indicated they were planning to select the Preferred Route for the Project by the end of March or early April 2022, in order to catch the window for the field studies on the Preferred Route. Hydro One provided the tentative dates for the fieldwork. Hydro One offered to hold a meeting with Algonquins of Ontario to discuss the route selection process and Algonquins of Ontario's participation in the fieldwork.
2022-03-15 10:02	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Janet Stavinga	Erika Dawson	Algonquins of Ontario emailed Hydro One and requested they send another email with the Project information and attachments for the Algonquins of Ontario working group meeting scheduled for Tuesday, March 22, 2022.
2022-03-15 14:08	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Janet Stavinga, Morgan Hawkins, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and provided the requested Project materials. Hydro One noted to let them know if more information was required for the Algonquins of Ontario upcoming meeting, and that Hydro One looked forward to connecting afterward and reviewing their feedback on the Project. Hydro One reminded Algonquins of Ontario of the upcoming 2022 fieldwork and noted that Dillon would reach out to coordinate participation.
2022-03-15 16:08	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Janet Stavinga, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Algonquins of Ontario emailed Hydro One and thanked them for providing the Project materials. Algonquins of Ontario noted they would reach out after their meeting to reconnect and provide feedback on the Project. Algonquins of Ontario confirmed they were completing their legal and finance review of the Capacity Funding Agreement (CFA).
2022-03-15 17:04	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Holly Hayes, Janet Stavinga, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and requested they send the reviewed/signed CFA when it is ready.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2022-03-17 12:13	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Holly Hayes, Janet Stavinga, Josee Rochon, Rob Hawkins, Stan Kugelmass Blaney Mcmurtry Llp, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Daniel Charbonneau, Erika Dawson, Jeff Hankin, Simmer Anand	Algonquins of Ontario emailed Hydro One and provided comments and edits to the CFA Hydro One provided them in February 2022. Algonquins of Ontario requested that Hydro One review their edits and confirm of their acceptance.
2022-03-17 13:36	Email	Outgoing	Ethan Huner, Holly Hayes, Josee Rochon, Rob Hawkins, Stan Kugelmass Blaney Mcmurtry Llp, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Daniel Charbonneau, Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and thanked them for sending the revised CFA, noting they would reach out the following week regarding Hydro One's review.
2022-03-21 13:31	Email	Outgoing	Ethan Huner, Holly Hayes, Josee Rochon, Rob Hawkins, Stan Kugelmass Blaney Mcmurtry Llp, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Daniel Charbonneau, Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and thanked them for providing the reviewed CFA. Hydro One indicated the CFA was with their legal team to finalize. Hydro One inquired if Algonquins of Ontario were available to touch base on the Project that week.
2022-03-21 13:53	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Janet Stavinga	Erika Dawson	Algonquins of Ontario emailed Hydro One and confirmed their contact information.
2022-03-21 14:26	Email	Outgoing	Ethan Huner	Erika Dawson	Hydro One emailed Algonquins of Ontario and thanked them for confirming their contact information.
2022-03-22 05:17	Phone	Outgoing	Algonquins of Ontario, Ethan Huner	Erika Dawson	Hydro One called Algonquins of Ontario and confirmed they are providing feedback into the route selection by mid April, 2022 and would be conducting a Traditional Ecological Knowledge study post route selection on the Preferred Route.
2022-03-22 17:14	Email	Outgoing	Ethan Huner, Holly Hayes, Josee Rochon, Rob Hawkins, Stan Kugelmass Blaney Mcmurtry Llp, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Daniel Charbonneau, Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and provided notes from their phone call from earlier in the day.
2022-04-06 16:50	Email	Outgoing	Ethan Huner, Holly Hayes, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Daniel Charbonneau, Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed Algonquins of Ontario and provided the revised CFA and requested Algonquins of Ontario send it back signed so they can finalize the agreement. Hydro One indicated they would follow up in a separate email regarding fieldwork monitoring opportunities.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2022-04-14 11:40	Email	Outgoing	Ethan Huner, Holly Hayes, Trevor Parker	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and reminded them of the upcoming monitor opportunities for the Project. Hydro One provided the tentative schedules for the fieldwork and noted the requirements associated with the monitoring. Hydro One requested an update regarding Algonquins of Ontario's feedback on the decision matrix file and alternative routes.
2025-03-10 10:46	Email	Outgoing	AOO Economic Development Office, Bmortimer -, Candise Todd, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and provided an invitation to a community open house on April 8, 2025 in Petawawa, Ontario. Hydro One introduced a representative from their environmental consultant, Dillon Consulting, and noted Dillon Consulting would be in touch to help coordinate monitoring opportunities related to the Project.
2025-03-10 11:57	Email	Incoming	AOO Economic Development Office, Bmortimer -, Candise Todd, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Hydro One to request that Hydro One share detailed information about the upcoming community open house.
2025-03-14 16:19	Email	Outgoing	AOO Economic Development Office, Bmortimer -, Candise Todd, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and provided the invitation to a community open house on April 8, 2025 for the Project. Hydro One noted the Project is being reinitiated and that Algonquins of Ontario had been engaged on the Project previously in 2021. Hydro One provided details of the Preferred Route.
2025-05-06 15:13	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed the Algonquins of Ontario to invite them to send monitors out for environmental field work. Dillon also included a list of tentative scheduled dates for a variety of field surveys and studies.
2025-05-08 10:37	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed the Algonquins of Ontario amphibian survey results from April 30, 2025 to review.
2025-05-14 11:12	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed Algonquins of Ontario and notified them of a change in date for the Amphibian Breeding Survey and included an updated field schedule of upcoming study activities.
2025-05-15 13:20	Email	Incoming	Candise Todd, Finance -, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Dillon and confirmed the attendance of their monitor for the fieldwork.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-05-22 15:34	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed Algonquins of Ontario to remind them that they are planning to complete the Turtle Visual Encounter Survey and the Amphibian Breeding Survey on May 27, 2025.
2025-05-22 16:16	Email	Incoming	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Dillon Consulting to provide confirmation of receipt of the dates for the Turtle Visual Encounter Survey and the Amphibian Breeding Surveys scheduled for May 27, 2025.
2025-06-02 10:56	Email	Incoming	Candise Todd, Finance -, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Hydro One to acknowledge the rescheduling of the June 3, 2025 surveys in Petawawa due to site accessibility issues. Algonquins of Ontario confirmed they would inform the monitor about the new date, June 11, 2025 for the Breeding Bird Surveys and Spring Botanical Survey.
2025-06-02 11:30	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon emailed Algonquins of Ontario and provided the survey form, survey locations, and tailgate form for the amphibian surveys from May 20, 2025. Dillon noted the surveys planned for June 3, 2025 had been rescheduled to June 11, 2025 due to site accessibility issues.
2025-06-02 14:39	Email	Outgoing	Candise Todd, Finance -, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Dillon emailed Algonquins of Ontario and provided the meeting location details for the fieldwork.
2025-06-06 08:50	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed Algonquins of Ontario to provide an updated list of upcoming scheduled field surveys.
2025-06-10 16:50	Email	Incoming	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Dillon Consulting and inquired about the meeting time and location for the fieldwork.
2025-06-10 22:12	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed Algonquins of Ontario and inquired if they were planning on joining the survey on June 11, 2025. Dillon Consulting provided the contact information for the representative who would be on site. Dillon Consulting requested confirmation of their attendance.
2025-06-12 08:17	Email	Incoming	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Dillon Consulting and informed them that a representative was planning on attending the fieldwork that morning. Algonquins of Ontario requested that they be informed of any changes to details of the fieldwork.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-06-12 08:36	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed Algonquins of Ontario and thanked them for the information. Dillon Consulting noted there was a last minute switch but that all internal communication issues had been resolved and they would make sure to provide enough notice in the future.
2025-06-12 10:37	Email	Incoming	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Dillon Consulting and thanked them.
2025-06-12 11:08	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed Algonquins of Ontario and noted they would send the location and time details for the fieldwork once it was confirmed.
2025-06-12 12:07	Email	Outgoing	Candise Todd, Finance -, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed Algonquins of Ontario and provided the start time and location details for the fieldwork as well as the Dillon Consulting representative's contact information.
2025-06-17 15:01	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed Algonquins of Ontario to provide updates and changes to the previously shared list of remaining scheduled field studies for the D6 Line Relocation Project.
2025-06-17 15:46	Email	Incoming	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Dillon Consulting to request the tailgate forms and to indicate that they are working to identify a field monitor for the upcoming field work.
2025-06-18 08:25	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed Algonquins of Ontario to indicate that tailgate forms would be sent out on the morning of June 18th, 2025.
2025-06-18 09:53	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting, on behalf of Hydro One, emailed the Algonquins of Ontario to provide them with the requested tailgate documents.
2025-06-25 10:59	Email	Outgoing	Candise Todd, Gabriel (algonquins Of Ontario) Pearce, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin, Jonathan Harris (Dillon)	Dillon emailed Algonquins of Ontario and inquired if they had a monitor to attend the fieldwork the following day, June 26, 2025.
2025-06-26 16:28	Email	Incoming	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin, Jonathan Harris (Dillon)	Algonquins of Ontario emailed Dillon Consulting to indicate that due to weather and other challenges, they were having trouble locating field monitors for upcoming studies.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-07-17 15:27	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin, Jonathan Harris (Dillon)	Dillon Consulting emailed Algonquins of Ontario and provided the survey notes from the Project fieldwork. Dillon Consulting noted the surveys included breeding bird surveys, spring and summer botanicals, and amphibian breeding surveys.
2025-07-18 10:51	Email	Incoming	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin, Jonathan Harris (Dillon)	Algonquins of Ontario emailed Dillon Consulting and thanked them for the survey information. Algonquins of Ontario inquired if the fieldwork for the Project was complete.
2025-07-21 09:05	Email	Outgoing	Candise Todd, Josee Rochon, Nicholle Smith	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin, Jonathan Harris (Dillon)	Dillon Consulting emailed Algonquins of Ontario to confirm that field studies for the Project were complete.
2025-07-23 10:17	Email	Incoming	Ashley (algonquins Of Ontario) Keller, Candise Todd, Finance -, Josee Rochon	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Dillon Consulting and noted they would follow up internally regarding the duplicate invoice.
2025-07-25 16:26	Email	Outgoing	AOO Economic Development Office, Candise Todd, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and provided a Project update, noting that environmental field surveys are complete and provided an opportunity for Algonquins of Ontario to ask questions about the field survey results. Hydro One outlined the upcoming milestones and important timelines for the Project, including the timeline for the draft Environmental Study Report (ESR), the Section 92 application to the Ontario Energy Board, and the draft Stage 1 Archeological Assessment (AA).
2026-01-29 00:00	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Daniel Charbonneau, Ethan Huner, Holly Hayes, Josee Rochon	Cochrane Richard, Erika Dawson, Jonathan Marriott, Mike Greer, Simmer Anand	Algonquins of Ontario emailed Hydro One and thanked them for the Project meeting. Algonquins of Ontario provided a Comunique document for Hydro One's review and noted that once finalized it would be posted to the Algonquins of Ontario website and distributed to the community.
2026-01-29 00:00	Meeting		Ethan Huner	Erika Dawson, Jonathan Marriott, Justin Banninga,	Hydro One met with Algonquins of Ontario and discussed Project updates, including alternative routes, field studies, and capacity funding.
2026-02-13 16:42	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness, Josee Rochon	Christopher Grol, Erika Dawson	Hydro One emailed the Algonquins of Ontario to provide notice of completion of the Draft Environmental Study Report (ESR) and to provide the link for review of the draft ESR.
2026-02-18 13:00	Email	Incoming	Algonquins of Ontario, Ethan Huner, Jim Meness, Josee Rochon	Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Hydro One and thanked them for providing the draft ESR for review. Algonquins of Ontario asked if there was capacity funding available to support their review.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-02-25 09:55	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Jim Meness, Josee Rochon	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed Algonquins of Ontario and confirmed that capacity funding could be made available to facilitate the review of the draft ESR. Hydro One requested an invoice or estimate so that Hydro One could make the funds available.
2026-03-06 09:03	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Hydro One and noted that they would provide their comments on the draft ESR shortly. Algonquins of Ontario also provided an estimate for capacity funding, and asked Hydro One to let them know if the billing information is incorrect.
2026-03-09 12:55	Email	Outgoing	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed Algonquins of Ontario and provided updated billing information. Hydro One inquired when they could expect Algonquins of Ontario's comments on the draft ESR so that this could be flagged to the Project team.
2026-03-10 09:36	Email	Incoming	Algonquin Opportunity (no) Corporation, Ethan Huner, Jim Meness, Josee Rochon, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Algonquins of Ontario emailed Hydro One and provided an invoice for the review of the draft ESR.
2026-03-10 09:40	Email	Incoming	Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Algonquins of Ontario emailed Hydro One and provided the formal invoice for processing. Algonquins of Ontario also noted that they have attached the EFT letter to support processing, and welcomed any further requests for documentation to support the capacity payment.
2026-03-10 09:47	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Algonquins of Ontario emailed Hydro One and provided their comments for Hydro One review. Algonquins of Ontario noted the billing information on the invoice had been updated.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-03-25 15:05	Email	Outgoing	Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed Algonquins of Ontario and noted that the invoice is being processed, and requested that Algonquins of Ontario allow approximately 2 weeks of processing time.
2026-03-25 15:07	Email	Incoming	AOO Economic Development Office, Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson, Imran Naeem	Algonquins of Ontario emailed Hydro One and stated they would note the invoice is being processed in the system to make sure interest is not applied.
2026-05-04 22:23	Email	Incoming	Candise Todd, Engagement -, Ethan Huner, Finance -, Jeff Dillane, Jordie -, Josee Rochon, Kia -, Ryan Rattenbury	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Matrix Heritage emailed Algonquins of Ontario and provided the Stage 2 Archaeological Assessment deployment details.
2026-05-05 08:33	Email	Incoming	Candise Todd, Engagement -, Finance -, Jeff Dillane, Jordie -, Kia -, Ryan Rattenbury	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Matrix Heritage and noted they had sent the deployment details to the appropriate contact.
2026-05-08 10:09	Email	Incoming	Candise Todd, Engagement -, Finance -, Jeff Dillane, Jordie -, Kia -, Ryan Rattenbury	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Matrix Heritage and thanked them for the updates and deployment information.
2026-05-12 13:27	Email	Incoming	Candise Todd, Engagement -, Finance -, Jeff Dillane, Jordie -, Kia -, Ryan Rattenbury	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Matrix Heritage emailed Algonquins of Ontario and advised they were calling a rain day for the fieldwork planned the following day based on the forecast.
2026-05-28 09:40	Email	Incoming	Candise Todd, Jeff Dillane, Jordie -, Kia -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Algonquins of Ontario emailed Matrix Heritage requesting confirmation of the rain day.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-05-28 09:42	Email	Incoming	Candise Todd, Jeff Dillane, Jordie -, Kia -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Matrix Heritage emailed Algonquins of Ontario noting the crew were continuing with work as planned.
2026-06-04 15:48	Email	Incoming	AOO Economic Development Office, Christopher Grol, Consultation Office (Algonquins of Ontario), Ethan Huner, Finance -, Jim Meness, Zoe (algonquins Of Ontario) Lalonde	Jeff Hankin	Hydro One emailed Algonquins of Ontario to return their responses to the Draft Environmental Study Report comments for D6 Line Relocation Project.
2026-06-17 17:54	Email	Incoming	Candise Todd, Jeff Dillane, Jordie -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed Algonquins of Ontario and noted the forecast the following day was not looking good, and they were going to call a rain day.
2026-06-18 08:08	Email	Incoming	Candise Todd, Jeff Dillane, Jordie -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Matrix Heritage and confirmed they had been advised of the rain day.
2026-06-19 13:26	Email	Incoming	Candise Todd, Jeff Dillane, Jordie -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Matrix Heritage and confirmed that their archaeological monitor dropped off the fieldwork forms. Algonquins of Ontario thanked Matrix Heritage for keeping them updated.
2026-07-22 08:27	Email	Incoming	Candise Todd, Engagement -, Jeff Dillane, Jordie -, Josee Rochon	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Matrix Heritage and confirmed they would complete the Canadian Nuclear Laboratories' entry form.
2026-07-23 13:32	Email	Incoming	Candise Todd, Engagement -, Jeff Dillane, Jordie -, Josee Rochon	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Matrix Heritage and provided the completed form for entry onto Canadian Nuclear Labs property.
2026-07-24 08:40	Email	Incoming	Allan Corrin, Candise Todd, Corey Mulligan, Jeff Dillane, Jordie -, Josee Rochon, Kia -, Kimberly (was Bindner) Duval, Kyle Sarazin, Marc t E Kelly, Remi Lavoie, Remi Riopel, Shannon Tallon, Timothy Stumpf, Zooloodoo -	Alissa Lee (Dillon), Erika Dawson, Jeff Hankin	Algonquins of Ontario emailed Matrix Heritage and confirmed the Archaeological fieldwork details had been sent to the Algonquins of Ontario monitor.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-08-12 12:46	Email	Outgoing	Ethan Huner, Jim Meness, Josee Rochon, Zoe (algonquins Of Ontario) Lalonde	Christopher Grol, Erika Dawson	Hydro One emailed Algonquins of Ontario regarding an invoice.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2019-04-15 11:17	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Algonquins of Pikwakanagan First Nation (AOPFN) emailed to confirm dates to meet in person regarding the refurbishment of circuit D6.
2019-05-09 09:50	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson, Jennifer Vuong, Sara Jane Souliere	Hydro One emailed AOPFN and thanked them for attending a previous meeting. Hydro One provided a link and login credentials to a file transfer site. Hydro One provided details of the planned Stage 2 Archaeological Assessment and invited AOPFN to participate in the field studies.
2021-07-02 11:53	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson, Jeff Hankin, Sara Jane Souliere	Hydro One emailed AOPFN and provided the Notice of Commencement for the D6 Transmission Line Relocation Project (the Project) and offered to hold an early briefing to discuss the Project.
2021-08-16 00:00	Phone	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Hydro One called a representative of AOPFN and discussed the Project. AOPFN indicated their interest in participating in field studies in September 2021 and to discuss a capacity funding agreement for engaging in the Project. AOPFN noted they had conducted a Traditional Ecological Knowledge study in the area and would share this with Hydro One. AOPFN requested a meeting with Hydro One to discuss the Project.
2021-08-16 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko	Erika Dawson, Sara Jane Souliere, Simmer Anand	Hydro One requests coordination with AOPFN regarding the D6 Transmission line relocation project triggered by a DND safety concern. Hydro One provided proposal to participate in field baseline studies (September) and future spring studies, with potential field monitor involvement and a capacity funding agreement. Hydro One offered to meet to discuss AOPFN's interest, participation, and Hydro One's five-year investment plan and joint rate application; suggests a phone call, and potential in-person/virtual meeting to align on participation and routes selection.
2021-09-01 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Erika Dawson	AOPFN emailed Hydro One and requested to schedule a meeting, proposing September 13–24, 2021 as available dates.
2021-09-01 00:00	Phone		Amanda Two-Axe Kohoko	Erika Dawson	Hydro One called AOPFN and briefed them on the Project, including high-level details and information about field studies.
2021-09-01 11:33	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and requested confirmation of their availability to meet to discuss OEB rate application. Additionally, Hydro One provided details on the upcoming field studies in the fall of 2021 for the Project and copied Dillon Consulting Limited (Dillon) on the email, noting to work directly with Dillon to coordinate monitors for the fieldwork.
2021-09-08 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting and requested they send an email with details about the botanical and aquatic data collection opportunity for AOPFN members.
2021-09-08 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN with a subcontractor agreement and the subcontractor COVID-19 Protocol. Dillon Consulting requested AOPFN's review and follow-up questions and mentioned planned fieldwork to complete ecological land classification, botanical, and aquatic assessments between September 15–17, 2021.
2021-09-08 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting requesting confirmation of the details of the Project fieldwork.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2021-09-08 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and advised that the fieldwork is estimated to take three days with possible extension, if needed. Dillon Consulting noted field days are typically eight hours and that deployment details would be provided later that week.
2021-09-08 14:40	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and provided the subcontractor agreement and the Covid-19 protocol for the Project.
2021-09-09 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting and informed them that two members are ready to participate in field studies; and requested to send the meeting details. AOPFN inquired regarding WSIB coverage.
2021-09-09 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and connected them with another Dillon Consulting representative who would lead the field program and noted they would provide the Health and Safety plan for the fieldwork and that AOPFN monitors would need to sign if prior to going out in the field. Dillon Consulting provided details regarding the WSIB requirements.
2021-09-09 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN to clarify WSIB requirements for the Project fieldwork.
2021-09-11 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Connor Edington (Dillon), Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and provided the deployment details for the fieldwork.
2021-09-13 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Connor Edington (Dillon), Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting about PPE requirements for AOPFN fieldwork participants, specifically work boots.
2021-09-13 00:00	Email	Outgoing	Amanda Two-Axe Kohoko	Connor Edington (Dillon), Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and followed up on the subcontractor and COVID-19 Policy documents. Dillon Consulting provided the PPE requirements for the fieldwork.
2021-09-13 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson	AOPFN emailed Hydro One regarding issues obtaining insurance for monitors and asked for rescheduling the field studies for a week for AOPFN to participate.
2021-09-13 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon)	AOPFN emailed Dillon Consultant and provided the signed COVID-19 declarations for monitors and inquired about PPE.
2021-09-13 16:00	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon)	Dillon Consulting emailed AOPFN to coordinate monitors for field studies, including monitoring agreements and insurance requirements.
2021-09-14 10:57	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and noted they wanted to ensure AOPFN could participate in the fieldwork for the Project. Hydro One noted they would delay the fieldwork until September 27, 2021 to allow more time for AOPFN to gather the required documents. Hydro One
2021-09-15 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Connor Edington (Dillon), Daniel Bourassa (Dillon), Jeff Hankin	Dillon Consulting emailed AOPFN and offered a delay in the field program. Dillon Consulting offered a waiver to simplify insurance requirements.
2021-09-21 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Connor Edington (Dillon), Daniel Bourassa (Dillon), Erika Dawson,	AOPFN emailed Dillon Consulting and provided the signed contract and proof of insurance and noted they were awaiting the WSIB certification for their field monitors and would forward the documents as soon as completed.
2021-09-23 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon)	Dillon Consulting emailed AOPFN and inquired regarding their WSIB certifications for the fieldwork.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2021-09-24 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Daniel Bourassa (Dillon)	AOPFN emailed Dillon Consulting and indicated they would be calling WSIB to follow-up. AOPFN inquired whether the monitors could participate as observers if the WSIB certificates were not obtained by the end of day.
2021-09-24 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and requested confirmation of the WSIB status and pending certificates.
2021-09-24 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting and confirmed that they were awaiting a letter confirming their WSIB coverage.
2021-09-27 00:00	Site Visit		Algonquins of Pikwakanagan, Sharleen LaValley	Connor Edington (Dillon)	Two AOPFN monitors attended a site visit for field studies, including ecological land classification, botanical and aquatic data collection and assessment.
2021-11-05 13:07	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson	Hydro One emailed AOPFN and provided the Notice of Public Information Session to be held November 17, 2021 at the Petawawa Legion, noting the attached Notice provided further details. Hydro One indicated the Notice would be circulated throughout the Project area by newspaper publications, and through radio announcements. Hydro One noted that due to COVID-19 health concerns and protocols, all information would be available on the Project website and provided a link. Hydro One offered to hold a community information session specifically for AOPFN. Hydro One requested AOPFN's availability to meet to discuss the route selection process for the Project.
2021-11-16 10:59	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson	Hydro One emailed AOPFN and provided a reminder of the public information session for the Project that was scheduled for the following day, November 17, 2021. Hydro One welcomed AOPFN's attendance and encouraged them to share the invitation to community members. Hydro One offered to hold an information session in community, if they were interested. Hydro One noted they would be happy to have a meeting to share the findings from the fieldwork conducted in September and noted they would share an information package on the routes and studies for review. Hydro One provided an update on the capacity funding for the Project.
2021-11-22 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson	AOPFN emailed Hydro One and noted they would follow up regarding the Project engagement request.
2021-11-22 19:23	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson	Hydro One emailed AOPFN noting their understanding that their office is busy and they are looking forward to hearing back about coordinating a community engagement session.
2022-02-04 00:00	Phone		Amanda Two-Axe Kohoko	Erika Dawson	Hydro One called AOPFN representative and discussed next steps for route selection and the CFA template for the Project, with Hydro One planning to send materials for feedback and review.
2022-02-04 16:22	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and provided a Capacity Funding Agreement (CFA) for their participation in the Project. Hydro One provided a Project map and decision matrix and indicated they were within the stage of evaluating the alternative routes for the Project and invited AOPFN to participate by providing feedback and comments in the decision matrix. Hydro One inquired about AOPFN's interest in meeting with the Project Team.
2022-02-14 10:46	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and inquired regarding their interest in attending a Project meeting to discuss capacity funding, overall Project updates, and input into the route selection process.
2022-02-16 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson, Jeff Hankin, Simmer Anand	AOPFN emailed Hydro One and provided their availability to meet and discuss the Project.

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2022-02-17 14:01	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and noted they had sent a calendar invitation for March 3, 2022 as well as a tentative agenda around Project overview, route selection, and the CFA.
2022-02-17 14:14	Email	Outgoing	Algonquins of Pikwakanagan	Erika Dawson	AOPFN emailed Hydro One confirming receipt of the meeting invitation.
2022-03-02 14:53	Email	Outgoing	Amanda Two-Axe Kohoko, Laura Sarazin	Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and provided a reminder of their meeting scheduled the following day. Hydro One requested any questions AOPFN may have and noted they would follow the tentative agenda provided in the meeting invitation. Hydro One provided the CFA and Route Selection Matrix.
2022-03-03 00:00	Meeting	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Katty Dimmer, Tania Salerno, The Firelight Group	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Simmer Anand	Hydro One held a meeting with the AOPFN to present a Project overview and the route selection process with their Dillon Consulting. Hydro One and AOPFN discussed the CFA, opportunities to provide feedback for the Project, and upcoming field studies and participation.
2022-03-07 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Katty Dimmer, Laura Sarazin, Tania Salerno	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and provided draft meeting notes, an internal document used for the route selection process, an archaeological webmap of the study area, and a copy of the slide deck presented at the meeting. Hydro One shared details regarding future fieldwork and provided their availability to meet.
2022-03-07 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Katty Dimmer, Laura Sarazin, Tania Salerno	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and provided the remaining attachments as the file size was too large to send in a single email.
2022-03-07 18:13	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Katty Dimmer, Laura Sarazin, Tania Salerno	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN a follow-up email with attachments from a prior, large email, noting the previous message was too large for the server.
2022-03-15 02:51	Phone	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Hydro One called and left a voicemail message with AOPFN in follow up to the previous meeting. Hydro One noted purpose of the call was to touch base on orthographic maps of the route alternatives and if there are any remaining questions, concerns or feedback since the meeting.
2022-03-15 11:00	Email	Outgoing	Amanda Two-Axe Kohoko	Christopher Grol, Erika Dawson	Hydro One emailed aOPFN and provided Project maps with orthoimages with the Project constraints and route alternatives. Hydro One requested a phone call to discuss the upcoming fieldwork and provided their contact information.
2022-03-31 09:54	Email	Outgoing	Amanda Two-Axe Kohoko, Katty Dimmer, Laura Sarazin, Tania Salerno	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and provided an update on upcoming monitoring opportunities for the Project. Hydro One also introduced Dillon Consulting to coordinate monitoring participation.
2022-04-06 01:44	Phone	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko	Erika Dawson	Hydro One called AOPFN and left a message requesting they return the phone call to follow-up on discussions from a route selection meeting held on March 3, 2022.
2022-04-07 14:42	Email	Outgoing	Amanda Two-Axe Kohoko, Katty Dimmer, Laura Sarazin, Tania Salerno	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Simmer Anand	Hydro One emailed AOPFN and provided information on the upcoming fieldwork and monitoring opportunities.

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2022-04-12 13:18	Email	Incoming	Amanda Two-Axe Kohoko, Katy Dimmer, Tania Salerno	Erika Dawson	AOPFN emailed Hydro One and confirmed their availability to meet and discuss the Project and provided a revised copy of a project capacity funding agreement.
2022-04-13 15:29	Email	Outgoing	Amanda Two-Axe Kohoko, Katy Dimmer, Tania Salerno	Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and thanked them for providing the revised CFA, noting they would take it back to them team. Hydro One indicated they would send suggested meeting dates soon.
2022-04-26 16:08	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Hydro One emailed AOPFN and requested the tracked changes version of the draft CFA.
2022-04-28 00:00	Email	Incoming	Amanda Two-Axe Kohoko	Erika Dawson	AOPFN emailed Hydro One noting that the provided agreement is based on their own consultation process. AOPFN requested availability to meet and walk through the agreement.
2022-05-13 13:22	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Hydro One emailed AOPFN and indicated their flexibility to accommodate AOPFN's availability. Hydro One noted there had not been much progress on the Project other than the planning of fieldwork which was being coordinated by Dillon Consulting.
2022-05-24 15:23	Email	Incoming	Amanda Two-Axe Kohoko	Erika Dawson	AOPFN emailed Hydro One and provided their availability for a meeting.
2022-05-24 17:07	Email	Outgoing	Amanda Two-Axe Kohoko	Erika Dawson	Hydro One emailed AOPFN and provided their availability to schedule a meeting.
2022-05-31 02:25	Meeting		Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Claudette Cournoyer, Katty Dimmer, Samantha Galbraith, Tania Salerno	Erika Dawson	Hydro One met with AOPFN and provided an update regarding the Project being paused.
2022-10-07 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Erika Dawson	AOPFN sent final invoice related to capacity funding and consultation fees to Hydro One along with their consultant's, Firelight, invoice for reference to be paid.
2023-01-04 14:42	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and requested a revised invoice, noting the invoicing guidelines that are applied across Hydro One. Hydro One reminded AOPFN that the Project was paused and that they would reach out with a Project update and CFA if the Project moves ahead.
2023-01-20 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and provided a revised invoice.
2023-01-23 10:55	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and thanked them for the amended invoice. Hydro One provided a Project update, noting that the Project had previously been paused but there were signs of things moving forward again. Hydro One offered to meet to discuss the updates and identify any interests, issues and concerns from AOPFN regarding the Project.
2023-01-30 10:07	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and informed them that the D6 capacity funding/reimbursement invoice for third-party consultant review of project was approved.
2023-01-30 12:24	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and confirmed receipt of the invoice approval.

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2023-02-01 09:49	Email	Incoming	Amanda Two-Axe Kohoko, Samantha Galbraith	Erika Dawson	AOPFN emailed Hydro One and thanked them for the Project update. AOPFN inquired if there was any feedback on the Contribution Agreement that had been previously sent.
2023-02-06 15:40	Email	Outgoing	Amanda Two-Axe Kohoko, Samantha Galbraith	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and indicated they were seeking a decision from the Ontario Energy Board regarding the need of relocating the 115 kilovolt transmission line to move forwards with the Project. Hydro One noted that as the Project was still uncertain they could not approve the Contribution Agreement, however, they would still provide capacity for a meeting to discuss the Project updates. Hydro One provided a map and an issues and concerns table and requested their feedback on the route.
2023-02-21 10:32	Email	Incoming	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One acknowledging documents sent regarding D6 Line Relocation and requested to meet to discuss the Project with their third party consultant, Firelight Group.
2023-02-21 18:26	Email	Outgoing	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and requested their availability to meet the week of March 6, 2023.
2023-03-01 10:00	Email	Outgoing	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and provided their availability to meet to discuss the Project.
2023-03-01 15:05	Email	Incoming	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One and provided their availability to meet to discuss the Project.
2023-03-01 15:52	Email	Outgoing	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and confirmed their availability to meet on March 14, 2023. Hydro One indicated they would send a calendar invite. Hydro One provided a tentative agenda for the meeting.
2023-03-14 00:00	Email	Outgoing	Dave Assinewai	Erika Dawson, Jeff Hankin	Hydro One contacted a new point of contact provided by AOPFN regarding their request for Hydro One to participate in Cultural Awareness Training hosted by AOPFN before proceeding with consultation activities.
2023-03-14 04:27	Meeting	Incoming	Algonquins of Pikwakanagan, Samantha Galbraith, Tania Salerno, The Firelight Group	Erika Dawson, Jeff Hankin	Hydro One held a virtual meeting with AOPFN and provided Project updates and discussed a community open house for feedback on the proposed route.
2023-03-14 12:24	Email	Outgoing	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and provided the latest Project mapping, an Issues and Concerns Comment Table, and the Hydro One Reimbursement Guidelines. Hydro One noted they were looking forward to meeting in the future and would keep them posted on ongoing updates and timelines for the Project. Hydro One thanked AOPFN for advising them of cultural learning, noting they would try to complete the training prior to the community open house.
2023-03-14 15:54	Email	Incoming	Amanda Two-Axe Kohoko, Samantha Galbraith, Tania Salerno	Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One and suggested using Microsoft Teams to meet virtually going forward. AOPFN thanked Hydro One for resending the documents and noted they would follow up in April 2023. AOPFN provided the contact information for their representative conducting the Cultural Awareness Training.
2023-03-15 00:00	Email	Incoming	Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN representative emailed with information about the Cultural Awareness Training and cost.
2023-03-17 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Samantha Galbraith	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One inquiring about payment status for an approved invoice.

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2023-04-20 15:32	Email	Outgoing	Dave Assinewai	Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN to apologize for the delayed response due to a busy spring. Hydro One expressed interest in taking the training and requested availability in mid to late May, asking for some available dates.
2023-05-04 08:47	Email	Incoming	Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One and provided availability and logistics information for the cultural awareness training.
2023-05-12 00:00	Email	Outgoing	Dave Assinewai	Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and requested availability for the cultural awareness training within the next 4-6 weeks.
2023-05-15 09:15	Email	Incoming	Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One and provided availability for the cultural awareness training.
2023-05-15 10:30	Email	Outgoing	Dave Assinewai	Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and confirmed their availability for June 6-8, 2023. Hydro One requested information on what to bring or prepare for the training, as well as any other relevant details.
2023-05-16 00:00	Email	Incoming	Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN provided logistical information regarding the Cultural Awareness Training to Hydro One.
2023-05-16 00:00	Email	Outgoing	Dave Assinewai	Erika Dawson, Jeff Hankin	Hydro One sent an email regarding Cultural Awareness Training and confirming lunch to AOPFN.
2023-05-16 00:00	Email	Incoming	Algonquins of Pikwakanagan, Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN confirms willingness to host Hydro One for cultural awareness training.
2023-06-02 00:00	Email	Outgoing	Dave Assinewai	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN before the training and inquired if anything should be brought or prepared, awaiting confirmation.
2023-06-05 00:00	Email	Incoming	Dave Assinewai	Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN confirms arrangements for the Cultural Awareness Training with Hydro One.
2023-06-05 00:00	Email	Incoming	Dave Assinewai	Erika Dawson, Jeff Hankin	AOPFN emails Hydro One with logistics of the Cultural Awareness Training.
2023-06-06 00:00	In-Person Meeting	Incoming	Algonquins of Pikwakanagan, Dave Assinewai	Christopher Grol, Jeff Hankin	Hydro One participated in a full day cultural training conducted by AOPFN in community, as requested by AOPFN during D6 Line Relocation engagements to advance project consultation.
2023-06-07 15:20	Email	Incoming	Korey Kauffeldt, Samantha Galbraith, Tania Salerno	Erika Dawson	AOPFN emailed Hydro One to inform them of a new lead for the Project and requested that future communications be directed to this contact. AOPFN requested that Hydro One provide the new lead with an update on the Project status and inform them of any planned actions for the next few months.
2023-06-15 09:06	Email	Outgoing	Dave Assinewai	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and expressed their hope that the forest fires had subsided. Hydro One inquired regarding the invoice for the Cultural Awareness Training.
2023-06-15 13:35	Email	Incoming	Dave Assinewai	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One regarding the correct contact for the invoice.
2023-06-15 13:55	Email	Outgoing	Dave Assinewai	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided instructions to send the invoice.

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2023-09-14 13:10	Email	Outgoing	Korey Kauffeldt	Christopher Grol	Hydro One emailed AOPFN and indicated their interest in holding a community open house for the Project. Hydro One inquired regarding AOPFN's availability, noting their preference to hold the event before November 2023, and the opening of deer season. Hydro One offered to have a phone call to further coordinate the community open house.
2023-10-18 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and requested a map showing locations of Hydro One projects within AOPFN traditional territory.
2023-10-19 15:32	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided an overview of the engagement that had taken place for the Project.
2023-11-01 10:00	Email	Incoming	Korey Kauffeldt	Christopher Grol	AOPFN emailed Hydro One and requested a meeting to discuss the community open house, and provided their availability.
2023-12-06 10:22	Email	Outgoing	Korey Kauffeldt	Christopher Grol	Hydro One emailed AOPFN and indicated that the Project went through another brief pause and provided an update on the Project, indicating they would likely be ready to host a community open house by the end of February 2024.
2023-12-07 00:00	Phone	Incoming		Christopher Grol	AOPFN called Hydro One and discussed the Project.
2023-12-07 11:05	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to follow up on their email from the previous day, noting that they had just received new mapping for the Project. Hydro One offered to meet with AOPFN in the New Year to discuss the new proposed route.
2023-12-07 15:48	Email	Outgoing		Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and indicated they just re-identified the new Preferred Route for the Project. Hydro One provided updated mapping and noted they would get more formal details and materials in the New Year and would provide them once they become available.
2024-01-18 13:35	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol	Hydro One emailed AOPFN and followed-up on the new Project route. Hydro One offered to coordinate plans for a community open house or a meeting with AOPFN to introduce the route and discuss in more detail.
2024-01-18 13:42	Email	Incoming	Korey Kauffeldt	Christopher Grol, Natalie Hanson	AOPFN emailed Hydro One to express interest in a project meeting and to discuss an open house.
2024-01-29 21:41	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Natalie Hanson	Hydro One emailed AOPFN to recommend dates for a project meeting and to request suggested venues and caterers for an open house in community.
2024-02-01 15:48	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Natalie Hanson	AOPFN emailed Hydro One to request new dates for the Project meeting.
2024-02-22 13:42	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Natalie Hanson	AOPFN emailed Hydro One to explain that prior communications had gotten misplaced and they requested Hydro One propose new dates for a meeting to go over the Project details.
2024-06-25 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt	Erika Dawson	AOPFN emailed Hydro One requesting payment status for an overdue invoice and to provide a receipt or copy of cheque.
2024-07-30 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to provide clarity of a second invoice and indicated that more invoices would follow. AOPFN noted that Firelight Group invoices related to work on a Long-Term Relationship Agreement from 2023.

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2024-07-30 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN acknowledging that Firelight Group's invoice is not a duplicate, and stated that it will be paid.
2024-08-08 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson, Simmer Anand	Hydro One emailed AOPFN that invoice was paid.
2024-10-11 15:11	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt, Samantha Galbraith, Valerie Taggart	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided a tentative agenda for them to comment on for the meeting the following week.
2024-10-16 08:40	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt, Samantha Galbraith, Valerie Taggart	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and requested clarification on the agenda provided. AOPFN indicated that if needed, these clarifications can be discussed in the meeting.
2024-10-16 09:50	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt, Samantha Galbraith, Valerie Taggart	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided clarification on the agenda items.
2024-10-16 14:40	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt, Samantha Galbraith, Valerie Taggart	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided an agenda for an upcoming meeting to discuss the Project.
2024-10-16 14:42	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt, Samantha Galbraith, Valerie Taggart	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and thanked them for clarifying. AOPFN noted they were looking forward to the meeting planned with Hydro One the following day. AOPFN provided their contact information in case Hydro One needed to contact them.
2025-03-05 21:09	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Erika Dawson	AOPFN sent an automatic invoice regarding capacity funding invoices through their system to Hydro One.
2025-03-10 10:45	Email	Outgoing	Korey Kauffeldt, Philipmcknight -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN referencing early engagements on the Project and invited AOPFN to a community open house. Hydro One offered to coordinate a community open house in AOPFN. Hydro One introduced a representative from their environmental consultant, Dillon Consulting, and noted Dillon Consulting would be in touch to help coordinate monitoring opportunities.
2025-03-10 14:15	Email	Incoming	Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One to acknowledged receipt of the Project update. AOPFN requested additional Project information and timelines, including a request for all documents, and asked how Hydro One will engage meaningfully. AOPFN noted they were open to hosting a community open house.
2025-03-14 16:20	Email	Outgoing	Korey Kauffeldt, Philipmcknight -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN an invitation to a community open house on April 8, 2025, and offered to host a AOPFN specific open house. Hydro One stated that the Project is in its early stages, however, would provide an internal document and will share Project documents and field studies as they are made available and to draft a CFA.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-04-08 00:00	Email	Outgoing	Korey Kauffeldt, Philipmcknight -	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One sent a follow up email to AOPFN regarding scheduling an open house or a meeting to discuss the Project. Hydro One also shared an internal planning document to provide additional Project details. Hydro One proposed discussing the drafting of a capacity funding agreement, including an advanced payment to support early consultation.
2025-04-09 00:00	In-Person Meeting		Korey Kauffeldt	Christopher Grol	Hydro One met AOPFN to discuss capacity funding for two projects, including D6 Line Relocation, and to share general updates regarding the Project. The discussions covered key dates, capacity funding agreements, and field monitoring. AOPFN raised concerns about distribution service in their community and requested Hydro One's investigation and support.
2025-04-24 10:00	Email	Outgoing	Donna Mcknight	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN regarding outstanding invoices.
2025-04-27 18:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and provided clarifications for outstanding invoices.
2025-05-04 11:18	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Erika Dawson	AOPFN sent an automatic outstanding invoice regarding capacity funding invoices through their system to Hydro One.
2025-05-06 00:00	Email	Outgoing	Korey Kauffeldt	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting, emailed AOPFN and provided an invitation email and kickoff notice for AOPFN to participate in upcoming field surveys, providing the advanced tentative schedule and noting that the agreement signed for a different project can apply to monitoring for the Project.
2025-05-08 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Doug Kutschke, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and apologized for missing earlier email due to spam filter and that they would respond to questions from the previous message regarding invoices.
2025-05-08 10:34	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN amphibian survey results from April 30, 2025 to review.
2025-05-13 15:57	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an amended invoice regarding capacity funding invoices through their system to Hydro One.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-05-14 11:13	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and notified them of a change in date for the Amphibian Breeding Habitat Survey from May 22, 2025, to May 20, 2025.
2025-05-19 11:24	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Erika Dawson	AOPFN sent an automatic outstanding invoice regarding capacity funding invoices through their system to Hydro One.
2025-05-20 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and notified them that they will hold off on field monitors for the time being. AOPFN requested to continue to be sent field notes for the Project. AOPFN indicated that receiving earlier notice of engagement would assist them in responding more effectively.
2025-05-20 00:00	Email	Outgoing	Korey Kauffeldt	Calvin Blewitt (Dillon)	Dillon provided information to AOPFN about biologist's plan to meet to start amphibian surveys.
2025-05-20 13:55	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and asked for clarification on invoicing discrepancies.
2025-05-20 14:14	Email	Outgoing	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed the AOPFN and inquired whether the Guardian program would be participating in field monitoring for the Project.
2025-05-20 14:34	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and Dillon and indicated their Guardian Program was undergoing restructuring, and they would not be participating in fieldwork monitoring for the Project. AOPFN requested that field notes continue to be sent for their review.
2025-05-21 09:16	Email	Outgoing	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Dillon Consulting emailed AOPFN in response to the news that AOPFN would postpone its Guardian Program field monitoring. Dillon Consulting advised that they would stop sending field survey dates but would continue to provide field notes and updates as AOPFN requested moving forward.
2025-05-21 10:44	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	AOPFM emailed Dillon Consulting to clarify that they are proceeding with a hold on the Guardian program, but they remain open to receiving field notes and updates regarding the Project.
2025-05-28 13:37	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	AOPFN emailed Hydro One their availability to touch base on submitted invoices.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-05-28 14:50	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and requested their availability to meet regarding submitted invoices.
2025-05-28 19:25	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson	AOPFN provided their availability for meeting with Hydro One to discuss invoices.
2025-05-29 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to coordinate an invoice review meeting.
2025-05-29 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and confirmed their availability to meet.
2025-06-02 11:32	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and provided the survey forms and locations for the amphibian surveys from May 20, 2025.
2025-06-03 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and requested to reschedule a meeting due to a conflicting commitment.
2025-06-03 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to postpone the meeting to discuss invoices submitted by AOPFN from their third-party consultant, Firelight Group.
2025-06-03 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to propose a CFA-focused meeting.
2025-06-04 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN sent an update to Hydro One indicating that invoices were incorrectly charged to Hydro One as they belong to other clients and provided a plan to amend invoices.
2025-06-04 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to coordinate a meeting to discuss invoicing and CFA matters.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-06-05 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and indicated they would include an additional Hydro One representative and indicated their preferred time for meeting.
2025-06-05 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and thanked them for clarifying invoicing issues. Hydro One noted their preference for AOPFN to attend the meeting with Hydro One to discuss invoicing. Hydro One indicated they would send out a meeting invitation.
2025-06-09 12:03	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	AOPFN texted Hydro One to inquire if the meeting was planned for in-person or virtual attendance
2025-06-09 12:30	Text	Outgoing	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	Hydro One texted AOPFN to indicate that the meeting was planned for virtual attendance
2025-06-09 12:56	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	AOPFN texted Hydro One to confirm their attendance at the upcoming virtual meeting.
2025-06-09 13:00	Meeting		Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One met with AOPFN to clarify submitted Firelight Group invoices. The discussion included an overview and details of the latest comments on the Capacity Funding Agreements for two projects.
2025-06-09 14:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed an invitation for a meeting with AOPFN to discuss Firelight Group invoices and capacity funding.
2025-06-11 17:52	Email	Outgoing	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One sent AOPFN the June 9th meeting notes to review, along with a capacity funding letter outlining a new capacity approach to provide funding immediately for AOPFN consideration.
2025-06-11 19:57	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and thanked them for sending the meeting minutes. AOPFN noted they would try to amend the invoice the following evening.
2025-06-12 11:55	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and indicated their preference to continue with the CFA discussions rather than accepting purchase orders. AOPFN requested an updated timeline for finalizing the CFA.
2025-06-14 14:05	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent amended invoice regarding capacity funding invoices through their system to Hydro One.
2025-06-16 12:55	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN with survey notes completed on June 3-4, 2025. The surveys included Turtle Visual Encounter, Least Bittern, Breeding Bird, and Aquatic Habitat surveys. Dillon Consulting indicated they will send compiled field notes from June 13, 2025 as those surveys continued due to earlier hot weather.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-06-20 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN requesting an amendment to several invoices and to confirm the purpose of charges.
2025-06-24 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Chris McKnight, Donna Mcknight, Juhui H, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided an update on the payment for invoices previously discussed.
2025-06-24 07:49	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an amended invoice regarding capacity funding invoices through their system to Hydro One.
2025-07-08 16:59	Email	Outgoing	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and provided the capacity funding agreement for D6 Line Relocation, incorporating updates from their final agreement for a different project, so both agreements can be signed simultaneously. Hydro One confirmed that payment has been sent for Firelight Group invoices following meeting.
2025-07-17 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One sent an email to AOPFN regarding a CFA on a different project and inquired whether the D6 CFA had also been reviewed, requesting the same revisions be included.
2025-07-17 11:06	Email	Incoming	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and provided comments on the Capacity Funding Agreements.
2025-07-17 15:21	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon emailed AOPFN and provided the survey notes from the Project fieldwork. Dillon noted the surveys included breeding bird surveys, spring and summer botanicals, and amphibian breeding surveys.
2025-07-18 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One inquiring regarding invoices.
2025-07-18 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN advising they were following up internally regarding the invoices.
2025-07-18 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt, Selena Roesler	Erika Dawson	AOPFN emailed Hydro One and thanked them for the update.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-07-22 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an email to Hydro One regarding invoicing logistics.
2025-07-22 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an email to Hydro One indicating that the D6 Capacity Funding Agreement review will be sent next week.
2025-07-22 14:09	Email	Incoming	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting to request the creation of two new email chains to separate discussions for the Project surveys and the D6 project, as there was some overlap.
2025-07-22 14:47	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN and indicated all the appropriate emails should be in the correct email chain now. Dillon Consulting noted all of the fieldwork had been completed for the Project.
2025-07-22 14:59	Email	Incoming	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN inquired if Dillon Consulting could provide a full field survey schedule for the Project in one place, noting it helps keep their internal records organized.
2025-07-22 15:14	Email	Outgoing	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Dillon Consulting emailed AOPFN to provide a PDF with the field schedule for the Project.
2025-07-22 15:28	Email	Incoming	Korey Kauffeldt, Nicholle Smith, Valerie Taggart	Alissa Lee (Dillon), Calvin Blewitt (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Dillon Consulting and noted they thought they had been missing more dates from the fieldwork schedule and thanked Dillon Consulting.
2025-07-24 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and informed them that payment will be mailed the following day.
2025-07-24 14:45	Email	Incoming	Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and provided draft comments on the capacity funding agreement, along with the executed signed copy of a separate agreement for a different project.
2025-07-24 16:19	Email	Outgoing	Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and inquired regarding details of the Capacity Funding Agreement.
2025-07-25 11:00	Email	Incoming	Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One and indicated their preference regarding details of the Capacity Funding Agreement.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-07-25 16:26	Email	Outgoing	Amanda Two-Axe Kohoko, Chrismcknight Bs, Korey Kauffeldt	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and provided a Project update, noting that environmental field surveys are complete and provided an opportunity for AOPFN to ask questions about the field survey results. Hydro One outlined the upcoming milestones and important timelines for the Project, including the timeline for the draft Environmental Study Report (ESR), the Section 92 application to the Ontario Energy Board, and the draft Stage 1 Archeological Assessment (AA).
2025-07-29 11:10	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an automatic outstanding invoice regarding invoices through their system to Hydro One.
2025-08-01 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to inquire whether the received cheques are for capacity funding.
2025-08-01 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Juhui H, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN regarding clarification of capacity funding cheques. Hydro One requests clarification of the final outstanding capacity funding amount, noting a PO is in place.
2025-08-01 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One regarding paid capacity funding invoices and noted that a balance remains outstanding. AOPFN indicated they would updated the invoices and send them to Hydro One.
2025-08-01 00:00	Email	Outgoing	Donna Mcknight, Doug Kutschke, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to acknowledge the remaining balance of capacity funding invoices and noted they would process them and provide an update the following week.
2025-08-01 16:19	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an automatic outstanding invoice regarding capacity funding invoices through their system to Hydro One.
2025-08-06 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN thanked on latest capacity funding invoice payment update.
2025-08-06 13:00	Email	Outgoing	Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN indicating the latest Project CFA would be sent shortly.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-08-13 11:15	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an automatic outstanding invoice regarding capacity funding invoices through their system to Hydro One.
2025-08-25 00:00	Email	Incoming	Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One acknowledging the delay in returning the capacity finding agreement and noting that additional items need to be sent to Hydro One.
2025-08-25 13:05	Email	Incoming	Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to confirm if the CFA had been sent.
2025-08-25 15:11	Email	Outgoing	Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to indicate that the new Capacity Funding Agreement had not been sent to them yet, but stated that it would be sent within the week.
2025-08-28 11:12	Email	Incoming	Amanda Two-Axe Kohoko, Chrismcknight Bs, Donna Mcknight, Doug Kutschke, Harvest On Behalf Of Donna Mcknight, Juhui H, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN sent an automatic invoice regarding capacity funding invoices through their system to Hydro One.
2025-09-04 16:02	Email	Outgoing	Amanda Two-Axe Kohoko, Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to provide the latest version of the Capacity Funding Agreement for execution, incorporating AOPFN feedback and the AOPFN approved funding structure from an existing signed capacity funding agreement from a different project.
2025-09-15 11:56	Email	Outgoing	Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and requested to confirm new Anishinabe Odjibikan contacts for archaeology on Hydro One projects.
2025-09-23 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One inquiring about an unpaid capacity funding invoice and to provide payment receipt.
2025-09-26 00:00	Email	Outgoing	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to indicate they will review the inquiry regarding the unpaid capacity funding invoice.
2025-09-26 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Donna Mcknight, Doug Kutschke, Korey Kauffeldt, Selena Roesler	Christopher Grol, Erika Dawson	AOPFN thanks Hydro One for reviewing invoice.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2025-10-02 13:26	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	AOPFN texted Hydro One to discuss ongoing projects in their territory.
2025-10-02 14:00	Text	Outgoing	Korey Kauffeldt	Christopher Grol	Hydro One texted AOPFN to propose a call, in response to a request for a discussion about ongoing projects in their territory.
2025-10-02 14:05	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	AOPFN texted Hydro One and requested a meeting to debrief on Hydro One projects and consultation action items.
2025-10-02 14:10	Text	Outgoing	Korey Kauffeldt	Christopher Grol	Hydro One texted AOPFN and agreed to a meet to debrief on Hydro One projects.
2025-10-03 09:26	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	AOPFN texted Hydro One to indicate availability for a meeting to debrief on Hydro One projects and any action items.
2025-10-03 10:00	Meeting		Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	Hydro One conducted a virtual meeting with AOPFN to discuss ongoing collaboration, including connection activities, issues management, and updates on the D6 Line Relocation and Orleans Area Reinforcement Project; highlighting important dates, milestones, and upcoming goals such as signing Capacity Funding Agreements.
2025-10-14 14:21	Email	Incoming	Korey Kauffeldt	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to confirm appropriate contacts for archaeology monitoring and review.
2025-10-14 14:54	Email	Outgoing	Korey Kauffeldt	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and confirmed that the appropriate archaeology contact has been included in communications.
2025-10-22 00:00	Text	Incoming	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	The AOPFN texted Hydro One to request a meeting or phone call to discuss the language in the D6 Line Relocation Capacity Funding Agreement. Hydro One agreed to reach out shortly after receiving the text.
2025-10-22 00:00	Phone	Outgoing	Algonquins of Pikwakanagan, Korey Kauffeldt	Christopher Grol	Hydro One called AOPFN as requested by text message to address some concerns about the language in the Capacity Funding Agreement. The concerns centred on whether the funding could be used for third party consultants and the inclusion of an administrative fee in addition to the total funding.
2025-10-23 17:17	Email	Outgoing	Korey Kauffeldt, Rj Farrell	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to provide responses to their inquiries about the Capacity Funding Agreement following a phone call regarding funding for third-party consultants by outlining Schedule B guidelines for reimbursement.
2025-11-07 09:50	Email	Incoming	Korey Kauffeldt, Rj Farrell	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One the latest revisions to the Capacity Funding Agreement attached from their legal counsel, addressing language concerns. AOPFN requests Hydro One to review the latest draft along with their comments, with the explicit intent to finalize the agreement promptly.
2026-01-14 16:28	Email	Outgoing	Korey Kauffeldt, Rj Farrell, Valerie Taggart	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to provide them with the latest revision of the Capacity Funding Agreement, including recommended edits and comments.
2026-02-05 09:54	Email	Outgoing	Korey Kauffeldt, Rj Farrell, Valerie Taggart	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to follow up on the latest revision of the Capacity Funding Agreement.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-02-13 16:43	Email	Outgoing	Korey Kauffeldt, Rj Farrell	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to provide notice of completion of the Draft Environmental Study Report (ESR) and to provide the link for review of the draft ESR.
2026-02-23 12:55	Email	Incoming	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One to acknowledge receipt of the Notice of Completion and details for the draft ESR. AOPFN introduced a new contact for Hydro One projects and noted that Hydro One can connect with this contact directly going forward.
2026-03-10 11:34	Email	Outgoing	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN to clarify the new contact for Hydro One projects. Hydro One asked whether the new contact would review the draft ESR, and offered to connect with the new contact to discuss the Project.
2026-03-11 11:40	Email	Incoming	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	AOPFN emailed Hydro One to confirm that they are in the process of completing an internal review of the capacity funding agreement and will be seeking an extension.
2026-03-25 00:00	Phone	Outgoing	Algonquins of Pikwakanagan, Rosa Scarcelli	Erika Dawson	Hydro One called a new AOPFN representative to brief on past and ongoing Project consultations, discuss next steps on capacity, and review the draft ESR.
2026-03-25 13:54	Email	Outgoing	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN following up on a phone call attempt. Hydro One noted that they would like to have an introductory call to discuss the continuation of consultation, specifically regarding the capacity funding agreement and the ongoing review of the draft ESR. Hydro One requested a call back.
2026-03-26 10:25	Email	Incoming	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	AOPFN emailed Hydro One and stated they are interested in having an introductory call to discuss ongoing projects, and the review of the draft ESR.
2026-03-27 15:10	Email	Outgoing	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN to provide their availability for a virtual meeting to debrief new contact with an overview of the project and a review of the consultation that has taken place.
2026-03-30 09:18	Email	Incoming	Kassandra Tiegs, Korey Kauffeldt, Rosa Scarcelli, Valerie Taggart	Erika Dawson, Imran Naeem, Jeff Hankin	AOPFN emailed Hydro One and noted they are available to meet to debrief an overview of the Project and to review the consultation that has taken place.
2026-04-08 00:00	Email	Incoming	Kassandra Tiegs, Rosa Scarcelli	Erika Dawson	AOPFN sent Hydro One a proposed latest version of the Capacity Funding Agreement.
2026-04-10 10:57	Email	Incoming	Korey Kauffeldt	Christopher Grol	AOPFN emailed Hydro One to discuss details of the Capacity Funding Agreement. AOPFN requested the agreement to align with amendments from another project capacity funding agreement with Hydro One.
2026-04-10 11:33	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN confirming receipt of AOPFN's latest copy of the Capacity funding Agreement and to review AOPFN's latest changes. Hydro One requested to reschedule the upcoming meeting to the following week due to illness.
2026-04-10 11:42	Email	Incoming	Donna Mcknight, Kassandra Tiegs, Rosa Scarcelli	Erika Dawson	AOPFN emailed Hydro One agreeing to reschedule a touchpoint the following week due to illness.
2026-04-10 12:00	Email	Outgoing	Donna Mcknight, Kassandra Tiegs, Rosa Scarcelli	Erika Dawson	Hydro One emailed AOPFN and thanked them for rescheduling a meeting due to illness and proposed new meeting times.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-04-15 00:00	Meeting		Kassandra Tiegs, Rosa Scarcelli	Erika Dawson, Jeff Hankin	AOPFN and Hydro One held a meeting and discussed the Project. Hydro One and AOPFN discussed engagement activities for the Project. Hydro One offered to extend ESR draft review due to a contact change and offered to host an AOPFN Advisory Committee meeting for the Project and ESR input. Hydro One and AOPFN also discussed the Capacity Funding Agreement for the Project.
2026-04-21 12:19	Email	Incoming	Rosa Scarcelli	Erika Dawson	AOPFN emailed Hydro One and noted that they met with their consultants and wanted to discuss next steps with Hydro One.
2026-04-21 13:19	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and offered to call them to touch base on the Project.
2026-04-22 00:00	Email	Incoming	Rosa Scarcelli	Erika Dawson	AOPFN provided AOPFN Advisory Committee meeting logistics for Hydro One to attend.
2026-04-22 00:00	Email	Incoming	Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson	AOPFN emailed Hydro One in response to a clarification request regarding a 'study' referenced in newly proposed Schedule C. AOPFN stated that the work involves guardians/monitors and third-party consultants supporting assessments and reviews.
2026-04-22 12:59	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One sent AOPFN an invitation document that they can use to invite members to the AOPFN Advisory Committee in person meeting and provided a point of contact to assist with the meeting. Hydro One stated that the final Capacity Funding Agreement would be sent in the coming days with along with the last meeting notes.
2026-04-22 14:40	Email	Incoming	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One to provide details for the upcoming in-community AOPFN Advisory Committee meeting discussing the Project and to request copies of all presentation materials in advance.
2026-04-22 16:04	Email	Outgoing	Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to thank them for the updated Capacity Funding Agreement. Hydro One requested clarification on the context of Schedule C regarding studies performed by a service provider for AOPFN during the review of the new schedule.
2026-04-28 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage, emailed AOPNF and advised them of the upcoming Stage 2 Archaeological Assessment and an Archaeological Impact Assessment to be conducted for the Project. Matrix Heritage provided an outline of the proposed work and details of the work to be completed on federal property. Matrix Heritage inquired regarding AOPFN's interest in participating in the assessment fieldwork. Matrix Heritage provided their contact information.
2026-04-28 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Jeff Dillane, Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN and requested confirmation that they received the communication regarding the proposed archaeological studies for the Project. Hydro One provided details regarding invoicing for archaeological work.
2026-05-01 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and followed-up on their inquiry regarding AOPFN participation in the Stage 2 Archaeological Assessment and Archaeological Impact Assessment for the Project. Matrix Heritage advised that they were coordinating the UXO training for the work.
2026-05-01 00:00	Email	Outgoing	Algonquins of Pikwakanagan, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and proposed revisions to the Capacity Funding Agreement. Hydro One proposed an additional, separate agreement for information sharing. Hydro One provided a draft Information Sharing Agreement for AOPFN's consideration.
2026-05-01 10:44	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Kyle Sarazin, Rosa Scarcelli,	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Matrix Heritage and provided a fees schedule, Chance Find Protocol, and the AOPFN Field Protocol, and intake form for Matrix Heritage's review. AOPFN noted they would need the documents completed prior to identifying a field liaison.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-05-01 16:37	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN to share a PDF copy of the presentation slide deck for the upcoming AOPFN Advisory Committee meeting/open house to be held on May 7, 2026, and requested meeting logistics.
2026-05-04 22:25	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Archaeology Consultant, Matrix Heritage, emailed AOPFN and provided the requested intake form for AOPFN to participate in the Archaeology Assessment.
2026-05-05 11:01	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Matrix Heritage and thanked them for the intake form. AOPFN inquired timing for onsite meetup and details for the UXO training the following week.
2026-05-05 11:42	Email	Incoming	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One to thank them for sharing the slide deck and provided AOPFN Advisory Committee meeting details. AOPFN requested that Hydro One to send the slide deck as a working document so AOPFN can make changes to Hydro One's presentation.
2026-05-05 11:52	Phone		Rosa Scarcelli	Christopher Grol	Hydro One called AOPFN regarding their interest in seeing an editable version of Hydro One's presentation for the AOPFN Advisory Committee meeting. Hydro One noted they were open to sharing the presentation but requested details on any proposed changes. Meeting logistics were also discussed.
2026-05-05 13:32	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN to provide the requested working document for Hydro One's presentation. Hydro One requests that AOPFN provide any track changes for Hydro One's review.
2026-05-05 13:51	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage, emailed AOPFN and provided the start time for the Stage 2 Archaeological Assessment and noted they would send the UXO training information as soon as possible.
2026-05-05 15:38	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to note that the slide deck would have to be sent in two parts, as the file size was too large to be sent in one. Hydro One provided the first part of the slide deck, as requested.
2026-05-05 15:39	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson	Hydro One emailed AOPFN to provide the second part of the slide deck to be presented in the AOPFN Advisory Committee, as requested.
2026-05-07 00:00	In-Person Meeting		Algonquins of Pikwakanagan, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One presented to the AOPFN Advisory Committee the Project description, timeline, the selected preferred route, and answered questions on the Project and other Hydro One matters at an open house in AOPFN.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-05-07 00:00	Email	Incoming	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage, emailed AOPFN detailing UXO training for AOPFN monitors to participate in assessments on DND lands along with additional information about range control.
2026-05-07 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Matrix Heritage to coordinate two archaeological monitors to be onsite and receive UXO training the following week.
2026-05-07 00:00	Email	Incoming	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage, emailed AOPFN to confirm the coordination of AOPFN monitors.
2026-05-07 14:45	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN to confirm their archaeological monitor could coordinate with the field staff for the location and deployment details.
2026-05-07 14:47	Email	Outgoing	Mgr Political, Ogimasarazin -	Erika Dawson, Imran Naeem, Simmer Anand	Hydro One emailed AOPFN to congratulate the Chief on their re-election. Hydro One shared they would be in the community to host an open house for the Project and offered to take the Chief out for dinner to support relationship building during their visit.
2026-05-11 11:44	Email	Outgoing	Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem,	Hydro One emailed AOPFN and sent a follow-up from the May 7, 2026 Advisory Committee meeting, noting that meeting notes are being compiled and follow-ups will be addressed.
2026-05-12 00:00	Email	Incoming	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Jeff Dillane, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and advised they were calling a rain day for the fieldwork planned the following day based on the forecast.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-05-12 13:28	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and advised they were calling a rain day for the fieldwork planned the following day based on the forecast.
2026-05-20 13:38	Email	Incoming	Rosa Scarcelli	Erika Dawson	AOPFN emailed Hydro One and advised that the scheduled Advisory Committee meeting for the Project will be held without Hydro One present, to confirm gaps and concerns and reflect the Advisory Committee's perspective and to identify any additional comments for submission to Hydro One.
2026-05-20 14:56	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN's confirming receipt of the Advisory Committee plan.
2026-05-21 00:00	Meeting		Algonquins of Pikwakanagan, Rosa Scarcelli	Erika Dawson	Hydro One met with AOPFN and discussed next steps for the Project. AOPFN requested an Advisory Committee meeting and Hydro One agreed to attend. The review of the draft ESR was extended until after the Advisory Committee meeting.
2026-05-28 15:36	Email	Incoming	Amanda Two-Axe Kohoko, Amber Hein, Kassandra Tiegs, Rosa Scarcelli	Erika Dawson	AOPFN emailed Hydro One and detailed their preferred approach to Project agreements, noting their preference for a single agreement. AOPFN advised that they determined that a site visit is necessary prior to providing comments on the Project draft ESR. AOPFN requested that a Hydro One representative be available to attend the site visit alongside the AOPFN team. AOPFN requested Hydro One contact them to coordinate the site visit.
2026-05-28 15:41	Email	Incoming	Amanda Two-Axe Kohoko, Amber Hein, Kassandra Tiegs, Rosa Scarcelli	Erika Dawson, Imran Naeem	AOPFN emailed Hydro One's noting their email was redirected due to an out of office response. AOPFN indicated the urgency of their site visit request.
2026-05-28 16:11	Phone	Outgoing	Rosa Scarcelli	Christopher Grol	Hydro One called AOPFN to confirm details for the May 7, 2026 Advisory Committee Meeting minutes and to clarify items from AOPFN's May 28, 2026 email.
2026-05-29 14:31	Email	Outgoing	Amber Hein, Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One provided the Advisory Committee meeting notes from May 7, 2026, requested during a phone call from AOPFN. Hydro One outlined next steps to coordinate an onsite visit with the AOPFN team in late June or early July, 2026.
2026-06-01 15:58	Email	Incoming	Amanda Two-Axe Kohoko, Amber Hein, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	AOPFN emailed Hydro One and provided the revised contract, and letter requesting a site visit. AOPFN noted that execution of the contract is required before any further work can proceed. AOPFN responded to previous Hydro One questions related to on the ground works. AOPFN provided a list of Project questions requiring further clarification.
2026-06-02 13:36	Email	Incoming	Amanda Two-Axe Kohoko, Amber Hein, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	AOPFN emailed Hydro One and requested meeting minutes that were sent for review in PDF converted into word to facilitate review. AOPFN also requested the Consultation Record Log to ensure transparency, accountability and understanding of the consultation activities to date.
2026-06-04 11:19	Email	Outgoing	Donna Mcknight, Kassandra Sackaney, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN acknowledging receipt of emails while they were on vacation and committed to responding the following day.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-06-08 00:00	Phone	Outgoing	Rosa Scarcelli	Erika Dawson	HONI called an AOPFN representative to discuss responses to emails from the previous week, including the upcoming Ontario Energy Board Notice of Hearing, dates for site visits before submitting comments in the extended ESR review period, and other ongoing requests outside of the Project. AOPFN was not available to discuss and requested a formal time to touch base, proposing times via email.
2026-06-08 10:13	Email	Outgoing	Donna Mcknight, Kassandra Sackaney, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN following a phone discussion, and sent formal times to discuss Project updates and a touch base upon returning from a week's vacation. Hydro One stated that as AOPFN return with a selected time to touch base, that they would start responding to emails the week prior and address other Project matters.
2026-06-09 00:00	Email	Incoming	Algonquins of Pikwakanagan, Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN regarding scheduling an onsite assessment and monitors the following week and noted that the planned work will depend on the weather.
2026-06-10 11:40	Email	Outgoing	Donna Mcknight, Kassandra Sackaney, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and proposed scheduling a touch point to discuss Project details. Hydro One provided an update on the requested ROC and CFA for the Project and requested confirmation of AOPFN's availability for the site visit. Hydro One provided the Letter of Direction from the Ontario Energy Board and noted their scope of review for the Project. Hydro One also provided the meeting notes from May 7, 2026 and responses to AOPFN's questions requiring further clarification.
2026-06-12 00:00	Email	Incoming	Amanda Two-Axe Kohoko, Kassandra Tiegs, Rosa Scarcelli	Erika Dawson	AOPFN emailed Hydro One a new Process Agreement outlining a framework for AOPFN and Hydro One, with future projects incorporated as schedules and notes, including the pending Capacity Funding Agreement for the Project.
2026-06-12 09:20	Email	Outgoing	Amanda Two-Axe Kohoko, Ogimasarazin -	Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and inquired about scheduling a meeting during the proposed site visit on June 23 or 24, 2026 and invited AOPFN to apply for the Hydro One Indigenous Partnership Grant Program.
2026-06-15 08:22	Email	Outgoing	Amanda Two-Axe Kohoko, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN to clarify their newly proposed Process Agreement in relation to the Project CFA, particularly with timing and execution dependency. Hydro One requested shared alignment that the Process Agreement stands as a separate framework not intended to create dependencies for the Project CFA. Hydro One expressed commitment to executing the Project CFA and strengthening the relationship through respectful collaboration.
2026-06-15 12:10	Email	Outgoing	Donna Mcknight, Kassandra Sackaney, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and provided availability for a Project site visit the following week. Hydro One requested that, following the site visit, AOPFN provide comments on the draft ESR within two weeks. Hydro One advised that further delays in the filing of the EA would have cost and schedule impacts to the Project. Hydro One requested confirmation of the number of attendees at the site visit.
2026-06-15 16:23	Email	Incoming	Amber Hein, Donna Mcknight, Kassandra Sackaney, Kassandra Tiegs, Project Assistant, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	AOPFN emailed Hydro One and provided updates to Project items including scheduling of touchpoints, a site visit, a Capacity Funding Agreement for the Project, and Hydro One's responses to AOPFN's Project related questions.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-06-15 16:27	Email	Incoming	Amanda Two-Axe Kohoko, Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	AOPFN emailed Hydro One and noted their appreciation for the work that has gone into advancing the Project CFA. AOPFN provided an overview of their Process Agreement framework. AOPFN affirmed their commitment to advancing the Project and strengthening their working relationship with Hydro One.
2026-06-16 09:12	Email	Outgoing	Amber Hein, Donna Mcknight, Kassandra Sackaney, Kassandra Tiegs, Project Assistant, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and provided the revised CFA for the Project and outlined the changes made in the document. Hydro One noted they would be sending the record of consultation for the Project later the same day.
2026-06-16 12:05	Email	Outgoing	Amber Hein, Donna Mcknight, Kassandra Sackaney, Kassandra Tiegs, Project Assistant, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem	Hydro One emailed AOPFN and provided a draft record of consultation for the Project. Hydro One gave an overview of the record of consultation and noted Project details.
2026-06-16 13:30	Meeting		Kassandra Tiegs, Rosa Scarcelli	Barbara Hood, Erika Dawson, Imran Naeem	Hydro One and AOPFN held a virtual meeting to discuss logistics for a site visit scheduled on June 24, 2026. Hydro One requested review and comments on the draft ESR, extended since March 15, 2026, two weeks after the site visit, noting that further delay in filing the Class EA could impact costs and schedule. AOPFN noted they planned to submit comments by July 9, 2026. Hydro One committed to review and process invoices from AOPFN incurred while waiting for CFA signing. AOPFN indicated they wanted the Process Agreement signed before executing the CFA, and Hydro One will take the agreement back for review.
2026-06-17 17:56	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed Algonquins of Pikwakanagan and notified them that the following day will be a rain day.
2026-06-17 17:59	Email	Outgoing	Rosa Scarcelli	Erika Dawson	Hydro One emailed AOPFN and noted they were going to bring lunches for the site visit, and inquired of AOPFN's preferences for food. Hydro One stated they were looking forward to the site visit the following week.
2026-06-18 13:59	Email	Outgoing	Amber Hein, Donna Mcknight, Kassandra Sackaney, Kassandra Tiegs, Project Assistant, Rosa Scarcelli	Attari Mo, Barbara Hood, Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One sent meeting notes from June 16, 2026 meeting for AOPFN to review prior to finalizing.
2026-06-22 11:55	Email	Outgoing	Amber Hein, Donna Mcknight, Kassandra Sackaney, Kassandra Tiegs, Project Assistant, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One sent AOPFN final meeting notes from Advisory Committee Meeting held on May 7, 2026 along with the working document that contains comments.
2026-06-23 18:02	Email	Outgoing	Kassandra Tiegs, Rosa Scarcelli	Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN and requested confirmation of the meeting location and time. Hydro One provided a lunch menu and requested AOPFN's selections for the site visit.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-06-26 10:36	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and thanked them for the site visit the previous day. Hydro One provided a copy of the Ecological Land Classification mapping for the Project and committed to send an updated draft access plan in a separate email due to file size.
2026-06-26 10:37	Email	Outgoing	Rosa Scarcelli	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed AOPFN and provided the draft access plan for the Project.
2026-06-29 09:20	Email	Outgoing	Kassandra Tiegs, Rosa Scarcelli	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN and thanked them for joining Hydro One on a site visit for the Project the previous week. Hydro One provided the draft field notes from the site visit and welcomed AOPFN to review, edit, and comment. Hydro One provided an overview of Project items based on their discussions with AOPFN.
2026-07-09 17:31	Email	Outgoing	Amanda Two-Axe Kohoko, Kassandra Tiegs	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN and thanked them for providing comments on the Project ESR. Hydro One noted their appreciation for the thoughtful review. Hydro One advised they would review the comments and respond shortly.
2026-07-15 07:31	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and provided the details for the upcoming archaeological fieldwork. Matrix Heritage noted the work was being conducted on federal lands with additional security screening required. Matrix Heritage requested the name of the liaison who would be joining the work.
2026-07-17 11:48	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Matrix Heritage and provided the contact details for the archaeological monitor. AOPFN noted to reach out should any additional details be required.
2026-07-20 09:03	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and inquired if they could switch the monitor for the upcoming work as they were continuing work on DND property which required specific training.
2026-07-20 09:10	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Matrix Heritage and confirmed they could switch the archaeological monitor for the work as they had already undergone the appropriate training.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
2026-07-20 09:22	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and thanked them.
2026-07-22 11:44	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	AOPFN emailed Hydro One and provided the form from their archaeological monitor.
2026-07-24 10:36	Email	Incoming	Allan Corrin, Candise Todd, Corey Mulligan, Jeff Dillane, Jordie -, Kia -, Kimberly (was Bindner) Duval, Kyle Sarazin, Marc t E Kelly, Remi Lavoie, Remi Riopel, Shannon Tallon, Timothy Stumpf, Zooloodoo -	Alissa Lee (Dillon), Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and confirmed the field director for the Stage 2 Archaeological work.
2026-07-30 10:48	Email	Incoming	Amanda Two-Axe Kohoko, Engagement -, Jeff Dillane, Jordie -, Kia -, Kyle Sarazin, Rosa Scarcelli, Sage Hazen	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed AOPFN and indicated they were planning to continue the excavation work of the historic site identified during test pitting. Matrix Heritage provided the deployment details.
2026-08-14 00:00	Phone		Rosa Scarcelli	Erika Dawson	Hydro One called AOPFN and informed them that CNL will send a notice about a small portion of work on their property per the LTRA and s. 82 federal decision. They also discussed potential procurement opportunities for two forestry companies in AOPFN.
2026-08-14 10:52	Email	Outgoing	Amanda Two-Axe Kohoko, Kassandra Tiegs	Christopher Grol, Erika Dawson, Imran Naeem, Jeff Hankin	Hydro One emailed AOPFN and thanked them for taking the time to review the Project draft ESR and provide detailed comments. Hydro One noted their appreciation to the AOPFN Advisory Committee and the Neyagada Wabandangaki Guardians in reviewing Project materials and participating in the site visit and Project discussions. Hydro One provided a comment response table and letter addressing the comments received as well as a Garlan Ultra factsheet and significant wildlife mapping. Hydro One indicated they welcomed the opportunity to meet with AOPFN to discuss Hydro One's responses.

Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Kitigan Zibi Anishinabeg	2021-07-02 11:56	Email	Outgoing	Darhlene Twenish, Dylan Whiteduck, Linda Dwyer	Erika Dawson, Jeff Hankin, Sara Jane Souliere	Hydro One emailed Kitigan Zibi Anishinabeg and provided the Notice of Commencement for the Project and offered to hold an early briefing to discuss the Project.
Kitigan Zibi Anishinabeg	2021-08-16 00:00	Phone	Outgoing	Darhlene Twenish	Erika Dawson	Hydro One called the Kitigan Zibi Anishinabeg and left a voicemail to follow up on the Notice of Commencement for the Project and to discuss interest in participating in field studies in the fall of 2021.
Kitigan Zibi Anishinabeg	2021-08-16 14:06	Email	Outgoing	Darhlene Twenish, Dylan Whiteduck, Linda Dwyer	Erika Dawson, Sara Jane Souliere	Hydro One emailed Kitigan Zibi Anishinabeg and requested a phone call to discuss their interest in participating in the Project. Hydro One provided a project map, the Notice of Commencement, and offered additional meeting opportunities to discuss the Project.
Kitigan Zibi Anishinabeg	2021-08-16 14:28	Email	Outgoing	Darhlene Twenish	Erika Dawson	Hydro One emailed Kitigan Zibi Anishinabeg and noted an error in their previous email's contact information and stated they looked forward to speaking in the future.
Kitigan Zibi Anishinabeg	2021-09-07 00:00	Phone	Outgoing	Darhlene Twenish	Erika Dawson	Hydro One called Kitigan Zibi Anishinabeg regarding the Notice of Commencement for the Project, discussing field studies, a tentative schedule, and requesting a point of contact for further consultation.
Kitigan Zibi Anishinabeg	2021-09-07 00:00	Phone	Outgoing	Erik Higgins	Erika Dawson	Hydro One called Kitigan Zibi Anishinabeg and shared information about the field study program and offered to connect them with the Environmental Assessment consultant involved, should they wish to participate.
Kitigan Zibi Anishinabeg	2021-09-07 12:19	Email	Outgoing	Darhlene Twenish	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Kitigan Zibi Anishinabeg and followed up on a phone call. Hydro One provided the Notice of Commencement and a Project map. Hydro One noted the upcoming field studies in fall of 2021 and requested confirmation of Kitigan Zibi Anishinabeg's interest in participating.
Kitigan Zibi Anishinabeg	2021-09-07 15:51	Email	Incoming	Darhlene Twenish, Erik Higgins, Pierre-luc Bastien	Erika Dawson	Kitigan Zibi Anishinabeg emailed Hydro One and provided appropriate contacts for the Project. Kitigan Zibi Anishinabeg requested Hydro One's availability for a meeting to discuss the Project and Kitigan Zibi Anishinabeg participation in monitoring.
Kitigan Zibi Anishinabeg	2021-09-09 13:36	Email	Outgoing	Darhlene Twenish, Erik Higgins, Pierre-luc Bastien	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Kitigan Zibi Anishinabeg and copied Dillon Consulting on the email, requesting Kitigan Zibi Anishinabeg work with Dillon Consulting directly to coordinate monitors for the upcoming fall 2021 fieldwork.
Kitigan Zibi Anishinabeg	2021-09-09 16:06	Email	Outgoing	Erik Higgins	Daniel Bourassa (Dillon)	Dillon Consulting emailed Kitigan Zibi Anishinabeg and provided their contact information.
Kitigan Zibi Anishinabeg	2021-09-10 08:55	Email	Outgoing	Erik Higgins	Daniel Bourassa (Dillon)	Dillon Consulting emailed Kitigan Zibi Anishinabeg and provided a subcontractor agreement, and subcontractor COVID-19 protocol for the Project.
Kitigan Zibi Anishinabeg	2021-09-21 17:30	Email	Outgoing	Darhlene Twenish, Erik Higgins, Pierre-luc Bastien	Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon Consulting emailed Kitigan Zibi Anishinabeg and confirmed that they are able to waive the environmental insurance requirement outlined in the subcontractor agreement.
Kitigan Zibi Anishinabeg	2021-09-22 15:35	Email	Incoming	Erik Higgins	Daniel Bourassa (Dillon)	Kitigan Zibi Anishinabeg emailed Dillon Consulting noting that there is no one available to attend fieldwork the following week. Kitigan Zibi Anishinabeg requested the inventory protocols and the results when available.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Kitigan Zibi Anishinabeg	2021-11-05 13:18	Email	Outgoing	Darhlene Twenish, Erik Higgins, Pierre-luc Bastien	Erika Dawson	Hydro One emailed Kitigan Zibi Anishinabeg and provided the Notice of Public Information Session to be held November 17, 2021 at the Petawawa Legion, noting the attached Notice provided further details. Hydro One offered to hold a community open house specifically for Kitigan Zibi Anishinabeg and requested confirmation of their interest. Hydro One noted that due to COVID-19 health concerns and protocols, all information would be available on the Project website and provided a link. Hydro One requested Kitigan Zibi Anishinabeg's availability to meet to discuss the route selection process for the Project.
Kitigan Zibi Anishinabeg	2022-03-21 05:00	Email	Outgoing	Darhlene Twenish, Erik Higgins, Kitigan Zibi Anishinabeg, Pierre-luc Bastien	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson	Hydro One emailed Kitigan Zibi Anishinabeg and provided an update regarding the Project. Hydro One advised that Kitigan Zibi Anishinabeg would be contacted for further participation once dates were officially scheduled for the Project.
Kitigan Zibi Anishinabeg	2022-04-07 00:00	Meeting		Erik Higgins, Pierre-luc Bastien	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One presented a project overview to Kitigan Zibi Anishinabeg (KZA) representatives, detailing the project description, studies, and route selection process.
Kitigan Zibi Anishinabeg	2022-04-07 15:35	Email	Outgoing	Erik Higgins	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Dillon emailed Kitigan Zibi Anishinabeg and provided the revised subcontractor agreement and indicated what had been revised. Dillon also resent the COVID-19 protocol and indicated this would need to be signed by the monitors.
Kitigan Zibi Anishinabeg	2022-04-14 11:55	Email	Outgoing	Erik Higgins, Pierre-luc Bastien	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin	Hydro One emailed Kitigan Zibi Anishinabeg and reminded them of the upcoming monitor opportunities for the Project. Hydro One provided the tentative schedules for the fieldwork and noted to reach out to Dillon regarding the fieldwork.
Kitigan Zibi Anishinabeg	2022-04-26 17:13	Email	Outgoing	Erik Higgins, Pierre-luc Bastien	Christopher Grol, Daniel Bourassa (Dillon), Erika Dawson, Jeff Hankin, Richard Cochrane	Hydro One emailed Kitigan Zibi Anishinabeg and followed up on a meeting held on April 7, 2022 regarding the Project. Hydro One provided their meeting minutes for Kitigan Zibi Anishinabeg's review and comment. Hydro One provided the contact information for a Business Manager Indigenous Relations Hydro One representative to discuss forestry contract opportunities with Hydro One. Hydro One reminded Kitigan Zibi Anishinabeg to coordinate with Dillon regarding the Project fieldwork.
Kitigan Zibi Anishinabeg	2022-05-16 11:00	Phone	Outgoing	Erik Higgins, Kitigan Zibi Anishinabeg	Richard Cochrane	Hydro One held a meeting with Kitigan Zibi Anishinabeg to discuss Kitigan Zibi Anishinabeg's interest in forestry and environmental assessment capabilities. Kitigan Zibi Anishinabeg indicated they wanted to become a Hydro One supplier.
Kitigan Zibi Anishinabeg, Natural Resource and Wildlife Office	2026-04-28 11:00	Email	Incoming	Anishinabeodjibikan -, Engagement -, Gilbert Whiteduck, Jeff Dillane, Jenniferkookum -, Melodie Hurtubise, Samantha Tenasco	Alissa Lee (Dillon), Christopher Grol, Erika Dawson, Jeff Hankin	Matrix Heritage emailed Kitigan Zibi Anishinabeg and provided details regarding the Stage 2 Archaeological Assessment and Archaeological Impact Assessment for the Project. Matrix Heritage provided notification and details of the work required. Matrix Heritage inquired if Kitigan Zibi Anishinabeg had interest in participating in the assessments as well as the best form of communication to engage the community. Matrix Heritage provided their contact information.
Kitigan Zibi Anishinabeg, Natural Resource and Wildlife Office	2026-04-29 12:54	Email	Incoming	Anishinabeodjibikan -, Engagement -, Gilbert Whiteduck,	Alissa Lee (Dillon), Christopher Grol, Erika Dawson,	Kitigan Zibi Anishinaabeg emailed Hydro One and provided a response letter to the proposed upcoming archaeological work for the Project. Kitigan Zibi Anishinaabeg provided contact information for their consultation department.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND)	2021-07-15 11:34	Email	Outgoing	Joan Behnke	Community Relations Inbox, Kevin Bros	Hydro One emailed the Department of National Defense providing an advanced copy of the Project relocation notice. Hydro One noted they provided the same notice to Indigenous communities and municipalities that morning. Hydro One noted that members of the public will be receiving the same notice in the mail as well as broadcasted through radio ads. Hydro One inquired if any other stakeholder should be notified.
Atomic Energy of Canada Limited	2021-08-26 11:36	Email	Outgoing	Meghan Leach	Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited to provide an overview of the Project and a copy of the Project Notice of Commencement. Hydro One offered to provide additional information if they had any questions.
Canadian National Railway (CN Rail)	2021-08-26 11:37	Email	Outgoing	Michael Vallins	Jeff Hankin	Hydro One emailed a representative of Canadian National Railway to provide the Notice of Commencement and offered to provide additional information if they had any questions or concerns.
Canadian Wood Fibre Centre	2021-08-26 11:54	Email	Outgoing	Elizabeth Cobb	Jeff Hankin	Hydro One emailed a representative of the Canadian Wood Fibre Centre to provide the Notice of Commencement and offered to provide additional information if they had any questions or concerns.
Canadian Nuclear Labs - Ottawa Office	2021-08-26 11:55	Email	Outgoing	Canadian Nuclear Labs - Ottawa Office	Jeff Hankin	Hydro One emailed a representative from Canadian Nuclear Labs to provide the Notice of Commencement and offered to provide additional information if they had any questions or concerns.
Nav Canada	2021-08-26 11:59	Email	Outgoing	NAV Canada Land Use Assessment	Jeff Hankin	Hydro One emailed a representative from Nav Canada to provide the Notice of Commencement and to offer additional information if they had any questions or concerns.
Canadian National Railway (CN Rail)	2021-11-08 11:11	Email	Outgoing	Michael Vallins	Jeff Hankin	Hydro One emailed a representative of the Canadian National Railway to invite them to the COH #1 for the Project.
Canadian Wood Fibre Centre	2021-11-08 11:11	Email	Outgoing	Elizabeth Cobb	Jeff Hankin	Hydro One emailed a representative from the Canadian Wood Fibre Centre to invite them to the Community Information Centre for the D6 Relocation Project.
Canadian Nuclear Labs - Ottawa Office	2021-11-08 11:11	Email	Outgoing	Canadian Nuclear Labs - Ottawa Office	Jeff Hankin	Hydro One emailed the Canadian Nuclear Labs to invite them to the COH #1 for the Project.
Atomic Energy of Canada Limited	2021-11-08 11:34	Email	Outgoing	Meghan Leach	Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
Canadian Wood Fibre Centre	2021-12-01 15:28	Email	Outgoing	Elizabeth Cobb	Jeff Hankin	Hydro One emailed a representative of Canadian Wood Fibre Centre to arrange a meeting time and date.
Department of National Defence (DND)	2021-12-03 00:00	Email	Outgoing	Adelle Bernister, Joan Behnke, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	Hydro One emailed DND providing an invitation to a virtual meeting scheduled for December 15, 2021.
Department of National Defence (DND)	2021-12-15 09:55	Email	Incoming	Adelle Bernister, Joan Behnke	Jeff Hankin, Michele Finney	The DND emailed Hydro One providing maps of the research forest.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND)	2021-12-15 17:06	Email	Incoming	Adelle Bemister, Joan Behnke, Matthew Cybulski, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	The DND emailed Hydro One providing direction on the Impact Assessment and Environmental Effects Determination processes. The DND requested any shapefiles or geodatabases for the route alternatives be sent to them, and indicated the Garrison Petawawa Biologist would like to attend the planned site visit on January 19, 2022.
Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2021-12-16 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, Larry Mcgrath, Matthew Cybulski, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	Hydro One emailed the DND providing a summary of the December 15, 2021 meeting and action items.
Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2021-12-16 00:00	Email	Incoming	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, Larry Mcgrath, Matthew Cybulski, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	The DND emailed Hydro One requesting that the shapefile be provided to two specific contacts for assessment
Canadian Armed Forces, Department of National Defence (DND)	2021-12-17 08:24	Email	Outgoing	Adelle Bemister, Brynn Bennett, Joan Behnke, Michelle Perry	Jeff Hankin, Leon Watson	Hydro One emailed DND providing the requested shapefiles. Hydro One noted the alignment is subject to change, and thanked DND for meeting with them.
Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-01-05 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Joan Behnke, Larry Mcgrath, Matthew Cybulski, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	Hydro One emailed DND and Canadian Nuclear Labs (CNL) - Ottawa Office requesting that attendees for the January 19, 2022 site walk accept the invitation. Hydro One noted the timing of the site walk, and indicated that specific meeting point(s) would follow.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-01-10 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, Larry Mcgrath, Matthew Cybulski, Michelle Perry	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	Hydro One emailed DND and CNL - Ottawa Office to confirm if the planned site visit for January 19, 2022 is proceeding. Hydro One asked if DND had a preferred meeting location.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-01-10 12:38	Email	Incoming	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, Larry Mcgrath, Matthew Cybulski, Michelle Perry, Susan Titterington	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	CNL - Ottawa Office emailed Hydro One noting that COVID restrictions may make the planned site visit for January 19, 2022 difficult to implement. CNL - Ottawa Office asked how many attendees are expected.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-01-10 14:39	Email	Incoming	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, John Dranga, Larry Mcgrath, Matthew Cybulski, Michelle Perry, Sean Enright, Susan Titterington	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Syed Abbas	CNL emailed Hydro One and noted that social distancing may be challenging during a site tour with 8 people in attendance. CNL inquired what the impact to the Project would be if they pushed the site visit.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-02-23 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, John Dranga, Larry Mcgrath, Matthew Cybulski, Michelle Perry, Sean Enright	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Terry Bass	Hydro One emailed the DND, Atomic Energy of Canada Limited, and CNL - Ottawa office, to provide an updated invitation for an in-person meeting.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND)	2022-03-30 12:01	Email	Incoming	Adelle Bemister, Brynn Bennett, Joan Behnke, Joe Cruz, John Dranga, Larry Mcgrath, Matthew Cybulski, Michelle Perry, Sean Enright	Deniz Turkben, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Terry Bass	The Canadian Armed Forces emailed Hydro One, Canadian Nuclear Labs, and the Department of National Defence (DND) and provided a map of the walk that they took on site while discussing the Project and route conditions.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Natural Resources Canada	2022-04-01 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Elizabeth Cobb, Emily Hawkins, Garry Yaraskavitch, Joan Behnke, Joe Cruz, John Dranga, Kyle Teters, Larry Mcgrath, Matthew Cybulski, Michelle Perry, Orvil Dillenbeck, Sean Enright, Sean Moyles, Susan Titterington	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	Hydro One emailed the DND to follow up on the meeting earlier in the day and provide action items. Hydro One noted that the in-service date for the Project has been pushed from 2021 to 2025, and this request will have implications for Ontario Energy Board Approval. Hydro One indicated that the assigned action items should remain a priority to avoid any further delays.
Canadian Armed Forces, Canadian Wood Fibre Centre, Department of National Defence (DND)	2022-04-06 13:51	Email	Incoming	Adelle Bemister, Brynn Bennett, Elizabeth Cobb, Matthew Cybulski, Michelle Perry, Sean Moyles	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	The DND emailed Hydro One to coordinate an in-person site walk and proposed a date and time.
Department of National Defence (DND)	2022-04-07 15:20	Email	Outgoing	Joan Behnke	Aaron Fair, Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed DND to request a meeting to discuss MTO's concerns regarding the Project and next steps.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed Department of National Defence (DND) to thank them for recent feedback and to provide the preliminary preferred route option for relocating Circuit D6 off active areas of Garrison Petawawa. Hydro One noted the Project was subject to Hydro One's Class EA and that route refinements were ongoing, and Hydro One indicated a willingness to work with the Ministry of Transportation (MTO) on mutually beneficial alternatives. Hydro One requested DND's review of the attached maps and asked for availability in the week of April 25, 2025 to discuss MTO-related concerns and options to advance the transmission project. Hydro One sought a follow-up meeting and invited further feedback on the proposed routing.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and thanked them for attending a meeting with the Town of Petawawa the previous week and providing their feedback on the proposed routes. Hydro One provided a map of the Preliminary Preferred Route for the Project and requested feedback. Hydro One noted they were still in the process of refining the route, and they would be happy to work with the MTO to find a mutually beneficial alternative. Hydro One requested to meet with MTO once they had a chance to review the maps and inquired if they had availability the week of April 25, 2022.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the Ministry of Transportation to thank them for attending the meeting with the Town of Petawawa. Hydro One provided a copy of the preliminary preferred route for their feedback.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-20 13:27	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	The MTO emailed Hydro One and indicated the plans were under review and they were working on getting detailed feedback on the proposed routes for the Project. The MTO noted that the early feedback they received was that there was a significant portion of the Project that was unacceptable. The MTO indicated that this feedback had already been provided to Hydro One. The MTO stated they would provide a complete list of comments and would schedule a meeting with Hydro One. The MTO noted they did not think the Project would go forward as proposed.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-26 13:58	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and noted they looked forward to receiving the MTO's comments and further discussing the Project.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:29	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to advise that internal staff met on the Project and requested details on the proposed tower type and height for the corridor. MTO noted that full comments on areas of concern would be provided early next week and suggested meeting later in the week to discuss potential solutions. MTO apologized for the delay and confirmed that the review was ongoing despite current workload.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:29	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	The MTO emailed Hydro One and indicated that MTO internal staff were meeting that morning regarding the Project. The MTO inquired if Hydro One had the tower type and height proposed for the Project. The MTO noted they were hoping to provide Hydro One with full comments early the following week on the areas they had concerns with and that they could meet after those were provided.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:47	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO to provide details on the proposed structures for the 115 kV Project. Hydro One noted using composite poles, similar to an example on Circuit D6, grey in color, approximately 18–19 m tall with a 30 cm diameter, with potential variations for topography and crossings. Hydro One mentioned the possibility of H-frame or three-pole structures in certain locations for sharp turns or additional strength, and attached a PNG example of a standard H-frame structure. Hydro One invited further questions and indicated they would seek input from their project engineer upon return.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:47	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and indicated they were going to use composite poles for the Project and provided an example photo, noting they would be grey instead of wood. Hydro One provided the approximate height and diameter of the poles and noted in some instances they would have to use shorter or taller poles to accommodate changes in topography, and other considerations. Hydro One stated that their Project engineer was away and they wanted to confirm with them but there was a small chance they may need to use "H-Frame" structures or three-pol structures in some areas to accommodate sharp turns or where additional strength will be needed. Hydro One provided an image of a standard H-Frame Structure.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-12 15:51	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to provide an update on the project comments. MTO noted the sender would be on vacation next week and that comments were nearly complete and undergoing internal review. MTO anticipated sending the comments on May 24, 2025.
Canadian Armed Forces, Canadian Wood Fibre Centre, Department of National Defence (DND)	2022-05-16 15:58	Email	Incoming	Adelle Bemister, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Matthew Cybulski, Michelle Perry, Sean Moyles	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	Canadian Wood Fibre Centre emailed Hydro One, Department of National Defence (DND), and Canadian Armed Forces to share maps of reconnaissance in proposed areas and provide routing recommendations. Canadian Wood Fibre Centre noted GPS tracks along a ridge to the CNL/PRF property line and recommended positioning the line outside the PRF managed area on DND property to avoid numerous small research sites. Canadian Wood Fibre Centre indicated the old railbed segment should be feasible, requested confirmation of required corridor width from the centerline, acknowledged tree harvesting, and highlighted the need to restore two recreational trails after installation. Canadian Wood Fibre Centre offered to discuss by phone or arrange a field visit.
Canadian Armed Forces, Canadian Wood Fibre Centre, Department of National Defence (DND)	2022-05-16 15:58	Email	Incoming	Adelle Bemister, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Matthew Cybulski, Michelle Perry, Sean Moyles	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	Canadian Wood Fibre Centre emailed Hydro One to provide GPS mapping of the Petawawa Research Forest. Canadian Wood Fibre Centre indicated that a call or field visit could be arranged to discuss the mapping.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-17 00:00	Email	Outgoing	Adelle Bemister, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Multani Ranjit, Rob Davies, Temesghen Bzuayehu, Terry Bass	Hydro One emailed the Department of National Defense, Atomic Energy Canada Limited, and Canadian Nuclear Labs - Ottawa Office and proposed a meeting. Hydro One provided a suggested date and time.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-25 00:00	Email	Outgoing	Adelle Bemister, Alexandre Gitkow, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jayde Suleman, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	Hydro One emailed the Department of National Defence, Atomic Energy of Canada Limited, and Canadian Nuclear Labs - Ottawa Office providing a reminder to accept the meeting invitation for May 31, 2022. Hydro One noted that the meeting is dependent on Hydro One receiving feedback from the Ministry of Transportation the week of May 24, 2022.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-30 00:00	Email	Outgoing	Adelle Bemister, Alexandre Gitkow, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jayde Suleman, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass, Usman Shaheen	Hydro One emailed the Department of National Defence, Atomic Energy of Canada Limited, and Canadian Nuclear Labs - Ottawa Office, noting that the planned meeting on May 31, 2022 has been postponed until further notice.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:40	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed MTO to request the availability of comments on the proposed location of the D6 transmission line. Hydro One acknowledged prior feedback and asked for an update on the review status and timing. Hydro One offered to discuss any concerns and next steps once MTO's comments were available.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:40	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson,	Hydro One emailed the MTO and noted they appreciated the MTO's feedback. Hydro One inquired regarding the MTO's comments on the proposed routes.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:42	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to advise that final approval of MTO's comments was still pending. MTO noted the comments had been expected to be approved on Friday but were not. MTO indicated they were following up on the status that morning and would provide the comments once approved.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:46	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed MTO to thank them for the quick response and follow-up. Hydro One acknowledged the communication and thanked them.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-31 11:12	Email	Incoming	Alain Nadeau, Darren Waters, Joan Behnke, Kate Green, Stephen Kapusta, Tarique Kamal	Jeff Hankin	MTO emailed Hydro One to provide Project comments and apologized for the delay. MTO invited Hydro One to ask questions regarding the comments. MTO proposed rescheduling the meeting that had been planned for today.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-31 11:16	Email	Outgoing	Alain Nadeau, Darren Waters, Joan Behnke, Kate Green, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson	Hydro One emailed MTO to thank them for their comments, noted they would review the feedback, and committed to responding as soon as possible. Hydro One indicated continued engagement on the matter.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-08-16 11:04	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Stephen Kapusta, Tarique Kamal	Jeff Hankin	MTO emailed Hydro One requesting the revised plans ready for review.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-08-17 08:37	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Stephen Kapusta, Tarique Kamal	Jeff Hankin	Hydro One emailed the MTO to note that the Project was still under evaluation and options to move forward were being assessed. Hydro One indicated that additional information would be provided within the next couple of weeks.
Atomic Energy of Canada Limited	2022-09-14 00:00	Email	Incoming	Sean Enright		Atomic Energy of Canada Limited emailed Hydro One to request an update on the Project.
Atomic Energy of Canada Limited	2022-09-20 00:00	Email	Outgoing	Sean Enright	Leon Watson	Hydro One emailed Atomic Energy of Canada Limited noting that Hydro One is waiting on updates regarding new developments. Hydro One stated they would keep Atomic Energy of Canada Limited up to date when the information is received.
Atomic Energy of Canada Limited	2023-02-24 00:00	Email	Incoming	Sean Enright	Leon Watson	Atomic Energy of Canada Limited emailed Hydro One to request an update on the Project.
Atomic Energy of Canada Limited	2023-03-06 00:00	Email	Outgoing	Sean Enright	Leon Watson	Hydro One emailed Atomic Energy of Canada Limited noting that Hydro One is waiting on some additional information. Hydro One stated they would keep Atomic Energy of Canada Limited up to date.
Department of National Defence (DND)	2023-10-24 15:17	Email	Outgoing	Joan Behnke	Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Rob Davies, Sean Richards	Hydro One emailed DND to inform them about the reinitiation of the Project. Hydro One indicated that they are seeking DND feedback on the proposed route prior to the public release. Hydro One suggested a virtual or in-person meeting to discuss the proposed route and asked for DND's availability.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited	2023-11-08 12:15	Email	Outgoing	Sean Enright	Jeff Hankin, Leon Watson, Sean Richards	Hydro One emailed Atomic Energy of Canada Limited noting that Hydro One is moving forward with the Project. Hydro One provided a map of the preferred route. Hydro One requested availability for a meeting.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-11-09 12:52	Email	Outgoing	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	Hydro One emailed Atomic Energy of Canada Limited, DND, Canadian Nuclear Labs, and the MTO and thanked them for their quick response regarding the meeting timeline. Hydro One encouraged the recipients to forward the meeting invitation to other representatives that may need to be in attendance, noting that representatives from DND, MTO, Canadian Nuclear Labs, and Hydro One would be attending.
Department of National Defence (DND)	2023-11-09 14:14	Email	Outgoing	Joan Behnke	Andrew Flannery, Beamish Mackenzie, Deniz Turkben, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Rob Davies, Sean Richards	Hydro One emailed DND and thanked them.
Department of National Defence (DND)	2023-11-10 09:11	Email	Incoming	Joan Behnke	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	DND emailed Hydro One and provided a drawing of a planned interchange.
Department of National Defence (DND)	2023-11-13 14:56	Email	Incoming	Joan Behnke	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	DND emailed Hydro One and provided the location of a new cell tower to be installed in 2024.
Department of National Defence (DND), Ministry of Transportation (MTO)	2023-11-28 00:00	In-Person Meeting		Adelle Bemister, Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Kate Green, Stephen Kapusta	Deniz Turkben, Jeff Hankin, Kyle Ellis, Leon Watson, Michele Finney, Terry Bass	Hydro One met in-person with representatives from the MTO and the DND and discussed the D6 Relocation project, focusing on MTO's future expansion plans for Highway 17.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-12-01 12:30	Email	Outgoing	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	Hydro One emailed DND, MTO, and the Canadian Nuclear Labs and thanked them for meeting the previous day. Hydro One provided the proposed relocation route with DND's comments and distances to the highway centreline and intersection points.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-12-04 12:43	Email	Incoming	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	MTO emailed Hydro One and provided action items from the meeting held on November 30, 2023 including for Hydro One to provide an updated corridor map with distances from the MTO property boundary and noted those were received. The MTO included action items for MTO to provide comment on the proposed route, to coordinate internally and with DND regarding the transfer of land between Brindle Road and Orange Road east of Highway 17, indicating that this needed to be in place prior to the MTO accepting the proposed route at that location. MTO included additional action items including to evaluate Clouthier Road crossing alternatives, provide interchange details to DND, to confirm with PDO that they are aware of Paquette Road DND access restrictions, to discuss the DND option of Centurion Road access location prior to twinning Highway 17, and to check the possibility of disposing of MTO brown land (by sale or easement) for tower installation at the south/west corner of the Highway crossing on Percy River and the turning of Rantz Road.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Canadian Wood Fibre Centre, Department of National Defence (DND), Ministry of Transportation (MTO)	2024-01-15 11:09	Email	Incoming	Alexandre Gitkow, Elizabeth Cobb, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Andrew Flannery, Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Sohail Nejat, Temesghen Bzuayehu, Usman Shaheen, Young Barry	MTO emailed Hydro One and Canadian Nuclear Labs, DND, and Canadian Armed Forces, and provided a letter of comments regarding the revised plan for the Project.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-07 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Dima Ostrovsky, Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Sean Richards, Temesghen Bzuayehu	Hydro One met with MTO and DND representatives to go over the proposed route and determine outstanding concerns
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-07 14:24	Email	Outgoing	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	Hydro One emailed MTO to provide the latest preliminary route for the D6 line relocation project, attaching route materials for review. Hydro One invited feedback and further discussion on the proposed routing.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-20 11:41	Email	Incoming	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	MTO emailed Hydro One to confirm an updated drawing was sent via the MTO secure messaging system for discussion at the upcoming meeting. MTO requested Hydro One review the drawing in advance. MTO invited any questions ahead of the meeting.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-20 11:57	Email	Outgoing	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	Hydro One emailed Ministry of Transportation (MTO) to inform them that they were able to download the secure messaging system.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-22 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby,	Jeff Hankin, Leon Watson, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements to meet MTO requirements.
Department of National Defence (DND)	2024-08-29 00:00	Meeting		Joan Behnke		DND and Hydro One met with MTO representatives to discuss the highway crossing and location of proposed transmission line in relation to Messier Trail to maximize the distance from Highway 17.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-29 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements to the proposed route to meet MTO requirements.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-09-26 14:29	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed DND to request a meeting to discuss the amended Hydro One route. MTO proposed availability on October 7, 2025 from 10–11 a.m. or October 9, 2025 from 9:30–11 a.m. MTO asked DND to provide a meeting link.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-10-07 00:00	Meeting		Alexandre Gitkow, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements made in previous meetings to ensure acceptability.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-10-31 14:45	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed DND and Hydro One with attached comments on the proposed Hydro Corridor. MTO requested that any questions or concerns be directed to the Ministry. MTO awaited review and follow-up from the recipients.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-12 15:16	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO noting that Hydro One is requesting to move one structure east approximately 16 meters to avoid impacts to an additional property owner. Hydro One provided a map of the proposed change.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-12 15:16	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed the MTO and DND regarding a proposed change to the transmission line south of the Petawawa River. The change involves moving one structure east by approximately 16 meters to avoid impacting an additional private property owner, with the transmission corridor shifting onto MTO property as shown on the attached map. Hydro One requested feedback on any concerns with this alteration and promised to provide additional details for the areas marked on Schedule A once available.
Department of National Defence (DND)	2025-03-14 00:00	Email	Incoming	Joan Behnke	Jeff Hankin	DND emailed Hydro One and requested the proposed route to get to the Petawawa River.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:37	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One noting that they had no objections to the proposed change. MTO requested that when the detailed design is complete, this is sent to MTO for assessment. MTO noted that Hydro One will require an encroachment permit for the proposed route crossing locations.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:52	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Piacentini Francesco, Sean Moyles, Tarique Kamal, TjLagat	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed the MTO to express appreciation for considering a proposed change and for the quick reply. Hydro One promised to send the detailed design as soon as it is available and mentioned they would apply for an encroachment permit once the design is approved by the MTO.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:52	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO thanking them for considering the change and for the quick response. Hydro One noted that they will provide the detailed design as soon as it is available, and committed to applying for an encroachment permit once the design is approved by MTO.
Department of National Defence (DND)	2025-03-14 12:59	Email	Outgoing	Joan Behnke	Jeff Hankin	Hydro One emailed DND noting that access to the Petawawa River is still being determined. Hydro One described potential access routes and provided shapefiles for the options.
Department of National Defence (DND)	2025-03-17 00:00	Email	Incoming	Joan Behnke	Jeff Hankin	DND emailed Hydro One and clarified that they are looking for the portion of the proposed route south of the Petawawa River.
Department of National Defence (DND)	2025-03-17 10:03	Email	Outgoing	Joan Behnke	Jeff Hankin	Hydro One emailed DND and provided the preliminary access plans. Hydro One noted that the preliminary access is subject to change.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND)	2025-03-24 15:20	Email	Outgoing	Joan Behnke, Sean Moyles	Attari Mo, Jeff Hankin	Hydro One emailed the Department of National Defense to invite them to the upcoming Community Open House for the Project. Hydro One encouraged forwarding the invite to others who may be interested.
Department of National Defence (DND)	2025-03-24 15:20	Email	Outgoing	Joan Behnke, Sean Moyles	Attari Mo, Jeff Hankin	Hydro One emailed the Department of National Defence (DND) to inform them that the Class EA process for the D6 Relocation project is officially restarting. They announced a community open house on April 8th to introduce the proposed route to the public and attached the notice. Hydro One invited DND to attend and encouraged forwarding the invite to others who may be interested.
Canadian Wood Fibre Centre	2025-03-24 15:31	Email	Outgoing	Elizabeth Cobb	Jeff Hankin	Hydro One emailed the Canadian Wood Fibre Centre to inform them that the Class EA process for the D6 Relocation project is restarting. Hydro One mentioned incorporating changes to the proposed route to avoid forest research plots, as discussed previously. Hydro One announced a community open house on April 8th to introduce the proposed route and invited the Canadian Wood Fibre Centre to attend. Hydro One welcomed any questions or comments in the meantime.
Atomic Energy of Canada Limited	2025-03-24 16:04	Email	Outgoing	Joe Cruz, Sean Enright	Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited to inform them that the Class EA process for the Project is restarting. Hydro One noted the proposed route incorporated changes on Canada Nuclear Labs property that were discussed previously. Hydro One invited Atomic Energy of Canada Limited to Community Open House #2 (COH #2) taking place on April 8th, 2025, to introduce the proposed route and also attached the Notice. Hydro One encouraged forwarding the invite to others who may be interested, and welcomed any comments or questions.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2025-03-24 16:04	Email	Outgoing	Joe Cruz, Sean Enright	Jeff Hankin	Hydro One emailed Atomic Energy of Canada and Canadian Nuclear Labs and notified them that the Class EA for the Project was restarting. Hydro One indicated they had a proposed route that incorporated the changes to the Canadian Nuclear Labs property that was discussed in 2022. Hydro One invited Atomic Energy of Canada and Canadian Nuclear Labs to attend the Project community open house on April 8, 2025 in Petawawa.
Canadian Nuclear Labs - Ottawa Office	2025-03-24 16:29	Email	Outgoing	Canadian Nuclear Labs - Ottawa Office	Jeff Hankin	Hydro One emailed Canada Nuclear Labs - Ottawa to announce a community open house regarding the relocation of the D6 115 kV transmission line away from active areas of CFB Petawawa. The line crosses a portion of land at the Chalk River Laboratories. The project, which began in 2021 and was paused, is now restarting. The community open house is scheduled for April 8th to introduce the proposed route to the public, and the invitation is attached. Hydro One invited comments or questions in the meantime.
Canadian Nuclear Labs - Ottawa Office	2025-03-28 10:03	Email	Incoming	Tyler Gauthier	Attari Mo, Jayde Suleman	CNL emailed Hydro One and indicated that one year prior they had met with Hydro One about the Project and that since that meeting they had not received any updates. CNL noted the most recent communication regarding the Project was to the community and inquired if they could receive an update from Hydro One regarding the Project.
Canadian Nuclear Labs - Ottawa Office	2025-03-28 11:09	Email	Outgoing	Tyler Gauthier	Attari Mo, Jayde Suleman	Hydro One emailed CNL and indicated they could facilitate the meeting and requested CNL's availability.
Canadian Nuclear Labs - Ottawa Office	2025-03-28 13:01	Email	Incoming	Tyler Gauthier	Attari Mo, Jayde Suleman	CNL emailed Hydro One and provided their availability to meet.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2025-03-31 09:56	Email	Incoming	Annie Morin, Emily Hawkins, Susan Titterington, Tyler Gauthier	Attari Mo, Jayde Suleman	CNL emailed Hydro One and noted it was good to meet and touch base on the Project. CNL shared some of their comments and questions from previous years regarding the Project. CNL's questions and comments included comments regarding the potential to parallel existing CNL roads, elevation changes and the proposed routes, the applicability of Section 82 of the Impact Assessment Act (IAA), CNL's obligations under the IAA, and CNL's agreements with Algonquins of Pikwakanagan that would need to be taken into consideration. CNL requested GPS coordinates or shapefiles of the updated routes for the Project.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2025-04-02 10:56	Email	Incoming	Annie Morin, Elizabeth Cobb, Emily Hawkins, Sean Enright, Susan Titterington, Tyler Gauthier	Attari Mo, Jayde Suleman	CNL emailed Hydro One and indicated they would need more information on a few items before moving forward with their reviews and associated approvals. CNL requested the classification of the Project under Section 82 of the IAA. CNL requested information prior to further discussion regarding the proposed physical activities, the removal of any legacy infrastructure, and the current schedule. CNL requested the DND contact Hydro One had been working with as CNL and AECL would have to collaborate with DND as an enabling federal authority.
Department of National Defence (DND)	2025-04-04 00:00	Email	Outgoing	Joan Behnke	Attari Mo, Jeff Hankin, Leon Watson	Hydro One emailed DND and asked for their availability to meet in-person at 11:00 AM on April 8, 2025 in Petawawa.
Department of National Defence (DND)	2025-04-04 00:00	Email	Incoming	Joan Behnke	Attari Mo, Jeff Hankin, Leon Watson	DND emailed Hydro One and confirmed their availability to meet at 11:00 AM April 8, 2025 in Petawawa.
Department of National Defence (DND)	2025-04-07 00:00	Email	Outgoing	Joan Behnke	Attari Mo, Jeff Hankin, Leon Watson	Hydro One emailed DND and asked if they had a preference for where to meet, Hydro One also provided a suggested meeting location. Hydro One also indicated that they would now be using composite poles, instead of steel poles, and asked if DND could provide any locations in the area to utilize for materials and poles.
Department of National Defence (DND)	2025-04-07 00:00	Email	Incoming	Joan Behnke	Attari Mo, Jeff Hankin, Leon Watson	DND emailed Hydro One and requested additional information to determine an appropriate site.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2025-04-07 10:22	Email	Outgoing	Annie Morin, Elizabeth Cobb, Emily Hawkins, Sean Enright, Susan Titterington, Tyler Gauthier	Attari Mo, Christopher Grol, Frank Piacentini, Jayde Suleman, Jeff Hankin, Leon Watson, Melissa Rozycki, Rob Davies	Hydro One emailed Atomic Energy of Canada Limited and CNL to discuss the Project's subjectivity to Section 82 of the Impact Assessment Act for various reasons, including activities on federal lands and the need for DND and CNL to grant an interest in land. Hydro One outlined physical activities on CNL land, such as constructing a new 115 kV transmission line and decommissioning the existing line. Hydro One mentioned a tentative construction start in early Q1 2026, subject to approvals, and discussed removal options. They included a contact for further EA or environmental questions and provided contact information for their DND contact.
Department of National Defence (DND)	2025-05-02 14:11	Email	Outgoing	Joan Behnke, Sean Moyles	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Sean Richards	Hydro One emailed DND to request access to the entire Right of Way on DND property for field studies. Hydro One provided an overview of the planned field studies, and attached a map and shapefile of the borehole locations. Hydro One requested notification of any safety or security protocols, and if a formal access agreement is required.
Department of National Defence (DND)	2025-05-23 14:09	Email	Outgoing	Joan Behnke	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Sean Richards	Hydro One emailed DND and asked if there were any actions for Hydro One, or if Hydro One can support the process.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Department of National Defence (DND)	2025-08-08 11:23	Email	Outgoing	Jesse Knockleby, Matthew Cybulski, Michelle Perry, Susan Titterington	Jeff Hankin	In August 2025, Hydro One emailed DND to provide a general Project update noting that the Project was moving forward now. Hydro One indicated that had completed the route selection and field surveys for the Project and they would provide them once compiled. Hydro One indicated they were planning on completing archaeological test pitting in the fall of 2025, and inquired about the extent of the studies, and whether following the provincial archaeological standards would be adequate or if DND's preference would be for Hydro One to prepare a federal Archaeological Overview Assessment/ Archaeological Impact Assessment.
Department of National Defence (DND)	2025-09-24 00:00	Meeting		Jesse Knockleby, Joan Behnke	Attari Mo, Deniz Turkben, Jeff Hankin, Sean Richards	Hydro One and DND met to discuss Project details, including removal of the existing line.
Department of National Defence (DND)	2025-11-07 00:00	Meeting		Jesse Knockleby	Jeff Hankin, Sean Richards	Hydro One and DND met to follow up on previous discussions regarding removal of the existing line.
Department of National Defence (DND)	2025-11-07 10:00	Meeting		Jesse Knockleby	Attari Mo, Deniz Turkben, Jeff Hankin	Hydro One met with DND representative to discuss removal of the existing line through CFB Petawawa.
Canadian Armed Forces, Department of National Defence (DND)	2026-02-04 09:17	Email	Outgoing	Jeff Sanders, Jesse Knockleby, Joan Behnke, Matthew Cybulski, Michelle Perry	Attari Mo, Jeff Hankin	Hydro One emailed DND and noted that Hydro One would be releasing the draft Environmental Study Report (ESR) for a 30-day review on February 13, 2026. Hydro One noted that following the review period, the report would be finalized and any comments would be incorporated as the process is completed. Hydro One noted that the ESR is primarily related to areas outside of Federal jurisdiction, and shared that they were working to provide a Project description to be posted on the Canadian Impact Assessment Registry, and Environmental Effects Evaluation for the federal portion of the Project.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-02-04 09:37	Email	Outgoing	Emily Hawkins, Sean Enright, Susan Titterington, Tyler Gauthier	Attari Mo, Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited and CNL and noted that Hydro One would be releasing the draft Environmental Study Report (ESR) for a 30-day review on February 13, 2026. Hydro One noted that following the review period, the report would be finalized and any comments would be incorporated as the process is completed. Hydro One noted that the ESR is primarily related to areas outside of Federal jurisdiction, and shared that they were working to provide a Project description to be posted on the Canadian Impact Assessment Registry, and Environmental Effects Evaluation for the federal portion of the Project which would be submitted to both CNL and DND for review.
Canadian Wood Fibre Centre	2026-02-04 09:46	Email	Outgoing	Kyle Harbin	Jeff Hankin	Hydro One emailed the Canadian Wood Fibre Centre and noted that Hydro One would be releasing the draft Environmental Study Report (ESR) for a 30-day review on February 13, 2026. Hydro One noted that following the review period, the report would be finalized and any comments would be incorporated as the process is completed. Hydro One noted that the ESR is primarily related to areas outside of Federal jurisdiction, and shared that they were working to provide a Project description to be posted on the Canadian Impact Assessment Registry, and Environmental Effects Evaluation for the federal portion of the Project which would contain more detail about potential effects to the Petawawa Research Forest.
Canadian Wood Fibre Centre	2026-02-04 09:55	Email	Incoming	Kyle Harbin	Jeff Hankin	The Canadian Wood Fibre Center emailed Hydro One and thanked them.
Canadian Wood Fibre Centre	2026-02-04 10:41	Email	Outgoing	Kyle Harbin	Jeff Hankin	Hydro One emailed the Canadian Wood Fibre Center and thanked them.

Organisations	Date / time	Type of communication	Origin	Stakeholders	Staff members	Summary
Canadian Nuclear Labs - Ottawa Office	2026-04-24 12:02	Email	Incoming	Remi Riopel	Attari Mo, Frank Piacentini, Jeff Hankin, Rob Davies	Canadian Nuclear Labs emailed Hydro One and indicated their interest in a discussion regarding the path forward for the federal Impact Assessment process and the timelines. Canadian Nuclear Labs requested Hydro One's availability for meeting options.
Canadian Nuclear Labs - Ottawa Office	2026-04-24 13:54	Email	Incoming	Remi Riopel	Attari Mo, Frank Piacentini, Jeff Hankin, Rob Davies	Canadian Nuclear Labs emailed Hydro One and indicated their preferred meeting time.
Canadian Nuclear Labs - Ottawa Office	2026-04-29 00:00	Meeting		Remi Riopel, Tyler Gauthier	Jeff Hankin	Hydro One discussed general project details and the Federal Impact Assessment process with CNL representatives.
Canadian Nuclear Labs - Ottawa Office	2026-04-29 00:00	Meeting		Remi Riopel	Jeff Hankin	Hydro One and CNL met to discuss upcoming archaeological work and access restrictions
Canadian Nuclear Labs - Ottawa Office	2026-04-29 11:22	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed Canadian Nuclear Labs and provided a kmz file for the Project.
Canadian Nuclear Labs - Ottawa Office	2026-04-29 11:24	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed the Canadian Nuclear Labs and provided shapefiles for the Project. Hydro One noted they would send a kmz file separately due to file size. Hydro One noted to reach out with further questions.
Canadian Nuclear Labs - Ottawa Office	2026-05-07 10:02	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed Canadian Nuclear Labs and provided details regarding the required archaeological assessments for the Project. Hydro One inquired whether archaeologists would be able to enter the property and survey approximately 500 metres of the proposed corridor. Hydro One provided details regarding the scope of work and methods.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-05-07 10:55	Email	Incoming	Remi Riopel, Sean Enright, Tyler Gauthier	Jeff Hankin	Canadian Nuclear Labs emailed Hydro One and advised that an archaeological study had been completed on the property previously and inquired if it would be helpful and/or sufficient to satisfy the archaeological requirements for the Project. Canadian Nuclear Labs connected Hydro One with the contacts who could assist with access to the property should it be required.
Canadian Nuclear Labs - Ottawa Office	2026-05-07 13:45	Email	Incoming	Remi Riopel	Jeff Hankin	Canadian Nuclear Labs emailed Hydro One and noted their site archaeologist wanted to connect regarding the Project. Canadian Nuclear Labs requested Hydro One's availability for a call.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-05-07 15:29	Email	Outgoing	Remi Riopel, Sean Enright, Tyler Gauthier	Jeff Hankin	Hydro One emailed Canadian Nuclear Labs and requested they send the archaeological reports previously completed on the property to confirm if they would cover the required work.
Canadian Nuclear Labs - Ottawa Office	2026-05-07 15:30	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed Canadian Nuclear Labs and provided their availability.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-05-08 12:39	Email	Outgoing	Remi Riopel, Susan Titterington	Jeff Hankin	Hydro One thanked CNL for an informative meeting and shared the archeological field work plan.
Canadian Nuclear Labs - Ottawa Office	2026-05-08 13:08	Email	Incoming	Remi Riopel	Jeff Hankin	Canadian Nuclear Labs emailed Hydro One and inquired whether they had sent an additional email as they had received a message noting an email was blocked due to file size.
Canadian Nuclear Labs - Ottawa Office	2026-06-02 09:36	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed CNL and inquired about the status of archaeological studies on AECL land and offers assistance if needed.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Canadian Nuclear Labs - Ottawa Office	2026-06-03 09:43	Email	Incoming	Remi Riopel	Jeff Hankin	CNL emailed Hydro One and noted they had not yet received a response regarding whether Hydro One can perform archaeological work on CNL/AECL land. CNL inquired as to whether Hydro One had contacted other representatives for site access, work permits, or other site requirements and offers to reach out to them if needed.
Canadian Nuclear Labs - Ottawa Office	2026-06-03 10:11	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One clarified that CNL representatives had not yet been contacted regarding site access, work permits, or other requirements for archaeological field work.
Canadian Nuclear Labs - Ottawa Office	2026-06-03 10:30	Email	Incoming	Remi Riopel	Jeff Hankin	Hydro One coordinated with CNL regarding archaeological work for the D6 Relocation project.
Canadian Nuclear Labs - Ottawa Office	2026-06-19 09:36	Email	Incoming	Jeff Dillane, Nadine Kopp, Remi Riopel	Alissa Lee (Dillon), Frank Piacentini, Jeff Hankin	CNL contacted Hydro One to discuss the urgency of upcoming archaeological work related to AECL. CNL requested to schedule a discussion to plan the work schedule.
Canadian Nuclear Labs - Ottawa Office	2026-06-23 12:08	Email	Incoming	Remi Riopel	Jeff Hankin	CNL inquired about availability for a quick call regarding archaeology and questions about the Project.
Canadian Nuclear Labs - Ottawa Office	2026-06-23 12:18	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One provided availability for a call regarding questions about the D6 Relocation project.
Canadian Nuclear Labs - Ottawa Office	2026-06-24 08:44	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One confirmed that the archaeology crew is scheduled for July 27th, with August 10th as a backup date. Remi Riopel requested a brief call to discuss AECL's questions about the Project and to obtain reference documents.
Canadian Nuclear Labs - Ottawa Office	2026-06-24 09:31	Email	Incoming	Remi Riopel	Jeff Hankin	CNL confirmed availability on July 27th for upcoming archaeological field work. The archaeological crew is confirmed for July 27th, with August 10th as a backup.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-06-24 13:50	Email	Outgoing	Carla De Waele, Remi Riopel, Sean Enright, Susan Titterington, Tyler Gauthier	Frank Piacentini, Jeff Hankin	Hydro One confirmed availability for a call to discuss the provincial Class EA process and ongoing archaeological assessments.
Canadian Nuclear Labs - Ottawa Office	2026-06-26 09:47	Email	Incoming	Remi Riopel	Jeff Hankin	CNL emailed Hydro One and mentioned contacting a Hydro One representative.
Canadian Nuclear Labs - Ottawa Office	2026-06-26 13:50	Email	Incoming	Remi Riopel	Jeff Hankin	CNL emailed Hydro One and noted they were confirming internal availability. CNL inquired regarding Project engagement and parameters.
Canadian Nuclear Labs - Ottawa Office	2026-06-26 13:50	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One emailed CNL and clarified Project details regarding engagement, voltage, and conductor sizes.
Canadian Nuclear Labs - Ottawa Office	2026-06-26 13:57	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One provided availability for a discussion on First Nation engagement.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-06-26 14:10	Email	Incoming	Remi Riopel, Susan Titterington	Jeff Hankin	CNL and Hydro One discussed scheduling Radiation Protection and Biodiversity availability for the week of July 27, with archaeological crew confirmed for July 27 and August 10 as backup.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-06-30 13:05	Email	Outgoing	Carla De Waele, Remi Riopel, Sean Enright, Susan Titterington, Tyler Gauthier	Frank Piacentini, Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited and CNL and provided their availability for a call. Hydro One indicated that Atomic Energy of Canada Limited lands are included in the maps of the Project ESR and they will be further addressed in the Environmental Effects Evaluation. Hydro One provided the first half of the Project Archaeological Overview Assessment.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-06-30 13:06	Email	Outgoing	Carla De Waele, Remi Riopel, Sean Enright, Susan Titterington, Tyler Gauthier	Frank Piacentini, Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited and CNL and provided the second half or the Archaeological Overview Assessment.
Atomic Energy of Canada Limited	2026-07-09 09:49	Email	Outgoing	Garry Yaraskavitch	Attari Mo, Barbara Hood, Erika Dawson, Faruq Haider, Imran Naeem, Jayde Suleman, Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited and thanked them for speaking the previous day. Hydro One provided the Project Draft Notice of Intent, Draft Environmental Effects Determination Report, and the record of consultation with Indigenous communities. Hydro One advised they would provide the latest Project mapping in a separate email due to file size.
Atomic Energy of Canada Limited	2026-07-09 09:50	Email	Outgoing	Garry Yaraskavitch	Attari Mo, Barbara Hood, Erika Dawson, Faruq Haider, Imran Naeem, Jayde Suleman, Jeff Hankin	Hydro One emailed Atomic Energy of Canada Limited and provided the Project mapping showing proposed structure locations.
Canadian Nuclear Labs - Ottawa Office	2026-07-09 15:34	Email	Outgoing	Remi Riopel	Jeff Hankin	Hydro One provided CNL with availability to arrange a virtual meeting.
Canadian Nuclear Labs - Ottawa Office	2026-07-10 00:00	Meeting		Remi Riopel	Jeff Hankin	Hydro One met with CNL and discusses access considerations for the archaeological work.
Canadian Nuclear Labs - Ottawa Office	2026-07-14 09:05	Email	Outgoing	Jeff Dillane, Remi Riopel	Jeff Hankin	Hydro One clarified that there are no planned plot locations for the archaeological study on AECL land; The archaeologist will conduct test pitting at 5-meter intervals in the new transmission corridor.
Canadian Nuclear Labs - Ottawa Office	2026-07-14 09:23	Email	Outgoing	Jeff Dillane, Remi Riopel	Jeff Hankin	Hydro One emailed CNL and provided clarification regarding the area for upcoming archaeological fieldwork.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-07-14 13:24	Email	Incoming	Carla De Waele, Piacentini Francesco, Remi Riopel,	Jeff Hankin	Atomic Energy of Canada emailed Hydro One and requested clarification on the scope of the Project on their lands.
Canadian Nuclear Labs - Ottawa Office	2026-07-15 09:20	Email	Outgoing	Jeff Dillane, Remi Riopel	Jeff Hankin	Hydro One clarified that access routes for the D6 archaeological study on Atomic Energy of Canada Land land must include both the proposed right-of-way and the existing corridor.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-07-20 10:31	Email	Outgoing	Jennifer (jen) Tidmarsh, Susan Titterington	Erika Dawson, Imran Naeem, Matthew Jackson	Hydro One emailed Atomic Energy of Canada and CNL and requested a meeting to discuss the Project. Hydro One requested their availability to meet the following week.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office	2026-07-20 12:38	Email	Outgoing	Elizabeth Cobb, Jeff Dillane, Nadine Kopp,	Alissa Lee (Dillon), Jeff Hankin	Hydro One provided responses to CNL's questions regarding archaeology work in the existing corridor that will be used for access during construction.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Ministry of Tourism, Culture and Sport (MTCS)	2021-08-26 11:55	Email	Outgoing	Katherine Kirzati	Jeff Hankin	Hydro One emailed a representative of the Ministry of Heritage, Sport, Tourism and Culture Industries to provide the Notice of Commencement for the Project and offered to provide additional information if they had any questions or concerns.
Ministry of Transportation (MTO)	2021-08-26 12:00	Email	Outgoing	Dawn Irish	Jeff Hankin	Hydro One emailed the Ministry of Transportation (MTO) to provide the Notice of Commencement for the Project and to offer additional information if they had any questions or concerns.
Ministry of the Environment, Conservation and Parks (MECP)	2021-08-26 12:01	Email	Outgoing	EA Notification Eastern Region	Jeff Hankin	Hydro One emailed a representative from the Ministry of the Environment, Conservation and Parks to provide the Notice of Commencement for the Project and to offer additional information if they had any questions or concerns.
Ministry of Natural Resources and Forestry (MNRF)	2021-08-26 12:01	Email	Outgoing	Kristen Wagner	Jeff Hankin	Hydro One emailed a representative from the Ministry of Natural Resources and Forestry to provide the Notice of Commencement for the Project and to offer additional information if they had any questions or concerns.
Ontario Power Generation (OPG)	2021-08-26 12:06	Email	Outgoing	Tammy Wong	Jeff Hankin	Hydro One emailed a representative of Ontario Power Generation to provide the Notice of Commencement for the Project and offer additional information if they have any questions or concerns.
Ministry of the Environment, Conservation and Parks (MECP)	2021-08-31 09:34	Email	Incoming	Jon Orpana	Jeff Hankin	The MECP emailed Hydro One their comments on the Notice of Commencement for the Project.
Ministry of Tourism, Culture and Sport (MTCS)	2021-11-08 11:13	Email	Outgoing	Jack Mallon, Karla Barboza, Rosi Zirger	Jeff Hankin	Hydro One emailed representatives from the Ministry of Heritage, Sport, Tourism, and Culture Industries to invite them to the COH #1 for the Project.
Ministry of the Environment, Conservation and Parks (MECP)	2021-11-08 11:18	Email	Outgoing	Jon Orpana	Jeff Hankin	Hydro One emailed a representative of the MECP and thanked them for their comments regarding the Project. Hydro One provided an invitation to the COH #1 for the Project.
Ministry of Natural Resources and Forestry (MNRF)	2021-11-08 11:21	Email	Outgoing	Kristen Wagner	Jeff Hankin	Hydro One emailed a representative of the Ministry of Natural Resources and Forestry, inviting them to the Community Open House for the Project.
Ministry of Transportation (MTO)	2021-11-08 11:23	Email	Outgoing	Dawn Irish	Jeff Hankin	Hydro One emailed the MTO to invite them to the COH #1 for the Project.
Ontario Power Generation (OPG)	2021-11-08 11:29	Email	Outgoing	Tammy Wong	Jeff Hankin	Hydro One emailed a representative of Ontario Power Generation (OPG) inviting them to the COH #1 for the Project.
Ontario Power Generation (OPG)	2021-11-08 14:29	Email	Incoming	Tammy Wong	Jeff Hankin	A representative of OPG emailed Hydro One stating that they had reviewed the Project details provided by Hydro One and determined that they are not impacted by the Project and do not need to be consulted.
Ministry of Transportation (MTO), Town of Petawawa	2022-04-06 00:00	Meeting		Christine Mitchell, David Unrau, Karen Cronier, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One held a virtual meeting with MTO and the Town of Petawawa, and presented an overview and update for the Project, focusing on proposed routing at Murphy Road and Highway 17, and its effects on the Town of Petawawa Property (former landfill site). Concerns from MTO and permitting requirements were also discussed.
Ministry of Transportation (MTO), Town of Petawawa	2022-04-06 14:00	Invitation	Outgoing	Christine Mitchell, David Unrau, Karen Cronier, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and Town of Petawawa and provided a proposed agenda for the meeting the following week. The proposed agenda included and overview of the Project, discussions regarding the routing at Murphy Road and Highway 17, the Town of Petawawa former landfill site property, and the next steps.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed Department of National Defence (DND) to thank them for recent feedback and to provide the preliminary preferred route option for relocating Circuit D6 off active areas of Garrison Petawawa. Hydro One noted the Project was subject to Hydro One's Class EA and that route refinements were ongoing, and Hydro One indicated a willingness to work with the Ministry of Transportation (MTO) on mutually beneficial alternatives. Hydro One requested DND's review of the attached maps and asked for availability in the week of April 25, 2025 to discuss MTO-related concerns and options to advance the transmission project. Hydro One sought a follow-up meeting and invited further feedback on the proposed routing.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and thanked them for attending a meeting with the Town of Petawawa the previous week and providing their feedback on the proposed routes. Hydro One provided a map of the Preliminary Preferred Route for the Project and requested feedback. Hydro One noted they were still in the process of refining the route, and they would be happy to work with the MTO to find a mutually beneficial alternative. Hydro One requested to meet with MTO once they had a chance to review the maps and inquired if they had availability the week of April 25, 2022.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-11 16:16	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the Ministry of Transportation to thank them for attending the meeting with the Town of Petawawa. Hydro One provided a copy of the preliminary preferred route for their feedback.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-20 13:27	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	The MTO emailed Hydro One and indicated the plans were under review and they were working on getting detailed feedback on the proposed routes for the Project. The MTO noted that the early feedback they received was that there was a significant portion of the Project that was unacceptable. The MTO indicated that this feedback had already been provided to Hydro One. The MTO stated they would provide a complete list of comments and would schedule a meeting with Hydro One. The MTO noted they did not think the Project would go forward as proposed.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-26 13:58	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and noted they looked forward to receiving the MTO's comments and further discussing the Project.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:29	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to advise that internal staff met on the Project and requested details on the proposed tower type and height for the corridor. MTO noted that full comments on areas of concern would be provided early next week and suggested meeting later in the week to discuss potential solutions. MTO apologized for the delay and confirmed that the review was ongoing despite current workload.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:29	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	The MTO emailed Hydro One and indicated that MTO internal staff were meeting that morning regarding the Project. The MTO inquired if Hydro One had the tower type and height proposed for the Project. The MTO noted they were hoping to provide Hydro One with full comments early the following week on the areas they had concerns with and that they could meet after those were provided.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:47	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO to provide details on the proposed structures for the 115 kV Project. Hydro One noted using composite poles, similar to an example on Circuit D6, grey in color, approximately 18–19 m tall with a 30 cm diameter, with potential variations for topography and crossings. Hydro One mentioned the possibility of H-frame or three-pole structures in certain locations for sharp turns or additional strength, and attached a PNG example of a standard H-frame structure. Hydro One invited further questions and indicated they would seek input from their project engineer upon return.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-04-29 10:47	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and indicated they were going to use composite poles for the Project and provided an example photo, noting they would be grey instead of wood. Hydro One provided the approximate height and diameter of the poles and noted in some instances they would have to use shorter or taller poles to accommodate changes in topography, and other considerations. Hydro One stated that their Project engineer was away and they wanted to confirm with them but there was a small chance they may need to use "H-Frame" structures or three-pol structures in some areas to accommodate sharp turns or where additional strength will be needed. Hydro One provided an image of a standard H-Frame Structure.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-12 15:51	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to provide an update on the project comments. MTO noted the sender would be on vacation next week and that comments were nearly complete and undergoing internal review. MTO anticipated sending the comments on May 24, 2025.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-17 00:00	Email	Outgoing	Adelle Bernister, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Multani Ranjit, Rob Davies, Temesghen Bzuayehu, Terry Bass	Hydro One emailed the Department of National Defense, Atomic Energy Canada Limited, Canadian Nuclear Labs - Ottawa Office, and MTO and proposed a meeting. Hydro One provided a suggested date and time.
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-25 00:00	Email	Outgoing	Adelle Bernister, Alexandre Gitkow, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jayde Suleman, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass	Hydro One emailed the Department of National Defence, Atomic Energy of Canada Limited, and Canadian Nuclear Labs - Ottawa Office providing a reminder to accept the meeting invitation for May 31, 2022. Hydro One noted that the meeting is dependent on Hydro One receiving feedback from the Ministry of Transportation the week of May 24, 2022.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Armed Forces, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO), Natural Resources Canada	2022-05-30 00:00	Email	Outgoing	Adelle Bemister, Alexandre Gitkow, Brynn Bennett, Denis Giroux, Elizabeth Cobb, Joan Behnke, Joe Cruz, Matthew Cybulski, Michelle Perry, Sean Enright, Sean Moyles, Stephen Kapusta	Deniz Turkben, Dima Ostrovsky, Emily Spitzer, Erika Dawson, Jamie Michael, Jayde Suleman, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Michele Finney, Rob Davies, Temesghen Bzuayehu, Terry Bass, Usman Shaheen	Hydro One emailed the Department of National Defence, Atomic Energy of Canada Limited, and Canadian Nuclear Labs - Ottawa Office, noting that the planned meeting on May 31, 2022 has been postponed until further notice.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:40	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed MTO to request the availability of comments on the proposed location of the D6 transmission line. Hydro One acknowledged prior feedback and asked for an update on the review status and timing. Hydro One offered to discuss any concerns and next steps once MTO's comments were available.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:40	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and noted they appreciated the MTO's feedback. Hydro One inquired regarding the MTO's comments on the proposed routes.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:42	Email	Incoming	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	MTO emailed Hydro One to advise that final approval of MTO's comments was still pending. MTO noted the comments had been expected to be approved on Friday but were not. MTO indicated they were following up on the status that morning and would provide the comments once approved.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-30 09:46	Email	Outgoing	Joan Behnke, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed MTO to thank them for the quick response and follow-up. Hydro One acknowledged the communication and thanked them.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-31 11:12	Email	Incoming	Alain Nadeau, Darren Waters, Joan Behnke, Kate Green, Stephen Kapusta, Tarique Kamal	Jeff Hankin	MTO emailed Hydro One to provide Project comments and apologized for the delay. MTO invited Hydro One to ask questions regarding the comments. MTO proposed rescheduling the meeting that had been planned for today.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-05-31 11:16	Email	Outgoing	Alain Nadeau, Darren Waters, Joan Behnke, Kate Green, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson	Hydro One emailed MTO to thank them for their comments, noted they would review the feedback, and committed to responding as soon as possible. Hydro One indicated continued engagement on the matter.
Ministry of Transportation (MTO)	2022-06-07 14:37	Email	Outgoing	Stephen Kapusta	Leon Watson, Michele Finney	Hydro One emailed the MTO and inquired if they were able to meet on June 21, 2022 in Petawawa for an update and discussion on the Project.
Ministry of Transportation (MTO)	2022-06-07 14:47	Email	Incoming	Stephen Kapusta	Leon Watson, Michele Finney	The MTO emailed Hydro One and indicated they proposed date for a Project meeting did not work for them and noted the earliest availability was June 27, 2022 at the earliest.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Ministry of Transportation (MTO)	2022-06-07 14:57	Email	Outgoing	Stephen Kapusta	Leon Watson, Michele Finney	Hydro One emailed the MTO and inquired if they were available to meet on June 28, 2022.
Ministry of Transportation (MTO)	2022-06-07 14:59	Email	Incoming	Stephen Kapusta	Leon Watson, Michele Finney	The MTO emailed Hydro One and indicated their availability to meet on June 28, 2022.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-08-16 11:04	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Stephen Kapusta, Tarique Kamal	Jeff Hankin	MTO emailed Hydro One requesting the revised plans ready for review.
Department of National Defence (DND), Ministry of Transportation (MTO)	2022-08-17 08:37	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Stephen Kapusta, Tarique Kamal	Jeff Hankin	Hydro One emailed the MTO to note that the Project was still under evaluation and options to move forward were being assessed. Hydro One indicated that additional information would be provided within the next couple of weeks.
Ministry of Transportation (MTO)	2023-11-08 11:59	Email	Outgoing	Stephen Kapusta	Jeff Hankin, Leon Watson, Sean Richards	Hydro One emailed the MTO to announce approval to proceed with relocating a section of the transmission line on DND property and noted a consultant addressed MTO's future development concerns north of the Petawawa River. Hydro One requested an in-person
Ministry of Transportation (MTO)	2023-11-08 13:20	Email	Incoming	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards	The MTO emailed Hydro One and informed them they no longer work for the East Region. The MTO indicated they had forwarded Hydro One's update plans to other MTO representatives and provided them with the previous information regarding the Project. The MTO indicated the new MTO point of contact for the Project.
Ministry of Transportation (MTO)	2023-11-08 18:54	Email	Outgoing	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	Hydro One emailed the MTO and thanked them for their response. Hydro One requested the new MTO representative's availability to meet regarding the Project.
Ministry of Transportation (MTO)	2023-11-09 10:59	Email	Incoming	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	The MTO emailed Hydro One and provided their availability for an in-person meeting.
Ministry of Transportation (MTO)	2023-11-09 11:45	Email	Incoming	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	The MTO emailed Hydro One and confirmed their availability for a November 30, 2023 meeting and requested it be at 9am.
Ministry of Transportation (MTO)	2023-11-09 11:45	Email	Incoming	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	MTO emailed Hydro One to confirm availability for an in-person meeting on November 30, 2025 and proposed a 9:00 a.m. start time. MTO requested Hydro One's confirmation of the meeting details.
Ministry of Transportation (MTO)	2023-11-09 11:47	Email	Outgoing	Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	Hydro One emailed the MTO and confirmed their availability to meet at 9am on November 30, 2023.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-11-09 12:52	Email	Outgoing	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	Hydro One emailed Atomic Energy of Canada Limited, DND, Canadian Nuclear Labs, and the MTO and thanked them for their quick response regarding the meeting timeline. Hydro One encouraged the recipients to forward the meeting invitation to other representatives that may need to be in attendance, noting that representatives from DND, MTO, Canadian Nuclear Labs, and Hydro One would be attending.
Ministry of Transportation (MTO)	2023-11-09 13:57	Email	Incoming	Alexandre Gitkow, Darren Waters, Kartik Suresh, Stephen Kapusta, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards, Temesghen Bzuayehu	The MTO emailed Hydro One and requested that they reschedule the meeting on November 30, 2023 to 9:30am and include a Microsoft Teams link as an additional MTO representative would join.
Ministry of Transportation (MTO)	2023-11-24 16:22	Email	Incoming	Alexandre Gitkow, Darren Waters, Kartik Suresh, Tarique Kamal	Jeff Hankin, Leon Watson, Sean Richards	The MTO emailed Hydro One and provided comments on the updated plan for the Project, noting they could discuss them during the November 30, 2023 meeting.
Department of National Defence (DND), Ministry of Transportation (MTO)	2023-11-28 00:00	In-Person Meeting		Adelle Bemister, Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Kate Green, Stephen Kapusta	Deniz Turkben, Jeff Hankin, Kyle Ellis, Leon Watson, Michele Finney, Terry Bass	Hydro One met in-person with representatives from the MTO and the DND and discussed the D6 Relocation project, focusing on MTO's future expansion plans for Highway 17.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-12-01 12:30	Email	Outgoing	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	Hydro One emailed DND, MTO, and the Canadian Nuclear Labs and thanked them for meeting the previous day. Hydro One provided the proposed relocation route with DND's comments and distances to the highway centreline and intersection points.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Department of National Defence (DND), Ministry of Transportation (MTO)	2023-12-04 12:43	Email	Incoming	Alexandre Gitkow, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Erika Dawson, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Temesghen Bzuayehu, Usman Shaheen, Young Barry	MTO emailed Hydro One and provided action items from the meeting held on November 30, 2023 including for Hydro One to provide an updated corridor map with distances from the MTO property boundary and noted those were received. The MTO included action items for MTO to provide comment on the proposed route, to coordinate internally and with DND regarding the transfer of land between Brindle Road and Orange Road east of Highway 17, indicating that this needed to be in place prior to the MTO accepting the proposed route at that location. MTO included additional action items including to evaluate Clouthier Road crossing alternatives, provide interchange details to DND, to confirm with PDO that they are aware of Paquette Road DND access restrictions, to discuss the DND option of Centurion Road access location prior to twinning Highway 17, and to check the possibility of disposing of MTO brown land (by sale or easement) for tower installation at the south/west corner of the Highway crossing on Percy River and the turning of Rantz Road.
Atomic Energy of Canada Limited, Canadian Nuclear Labs - Ottawa Office, Canadian Wood Fibre Centre, Department of National Defence (DND), Ministry of Transportation (MTO)	2024-01-15 11:09	Email	Incoming	Alexandre Gitkow, Elizabeth Cobb, Joan Behnke, Kartik Suresh, Larry Mcgrath, Meghan Murrant, Sean Enright, Sean Moyles, Susan Titterington, Tarique Kamal	Andrew Flannery, Christopher Grol, Dan Reeves, David Kroft, Deniz Turkben, Dima Ostrovsky, Jeff Hankin, Kyle Ellis, Leon Watson, Melissa Rozycki, Multani Ranjit, Rob Davies, Sean Richards, Sohail Nejat, Temesghen Bzuayehu, Usman Shaheen, Young Barry	MTO emailed Hydro One and Canadian Nuclear Labs, DND, and Canadian Armed Forces, and provided a letter of comments regarding the revised plan for the Project.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-07 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Sean Moyles, Tarique Kamal, Tj Lagat	Dima Ostrovsky, Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Sean Richards, Temesghen Bzuayehu	Hydro One met with MTO and DND representatives to go over the proposed route and determine outstanding concerns
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-07 14:24	Email	Outgoing	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	Hydro One emailed MTO to provide the latest preliminary route for the D6 line relocation project, attaching route materials for review. Hydro One invited feedback and further discussion on the proposed routing.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-20 11:41	Email	Incoming	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	MTO emailed Hydro One to confirm an updated drawing was sent via the MTO secure messaging system for discussion at the upcoming meeting. MTO requested Hydro One review the drawing in advance. MTO invited any questions ahead of the meeting.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-20 11:57	Email	Outgoing	Darren Waters, Jesse Knockleby, Joan Behnke, Tarique Kamal	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies, Temesghen Bzuayehu	Hydro One emailed Ministry of Transportation (MTO) to inform them that they were able to download the secure messaging system.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-22 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements to meet MTO requirements.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-08-29 00:00	Meeting		Alexandre Gitkow, Darren Waters, Jesse Knockleby, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements to the proposed route to meet MTO requirements.
Ministry of Transportation (MTO)	2024-09-04 16:39	Email	Incoming	George Taylor, Kartik Suresh, Tarique Kamal	Jeff Hankin	The MTO emailed Hydro One and indicated they would respond to the Project Notice as soon as possible.
Ministry of Transportation (MTO)	2024-09-25 11:21	Email	Incoming	Alexandre Gitkow, Kartik Suresh, Robert Cole, Tarique Kamal	Jeff Hankin	MTO emailed Hydro One to provide attached comments on the Project. MTO invited Hydro One to reach out with any questions. MTO expected Hydro One to review the comments and follow up as needed.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-09-26 14:29	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed DND to request a meeting to discuss the amended Hydro One route. MTO proposed availability on October 7, 2025 from 10–11 a.m. or October 9, 2025 from 9:30–11 a.m. MTO asked DND to provide a meeting link.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-10-07 00:00	Meeting		Alexandre Gitkow, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One and DND met with MTO representatives to discuss route refinements made in previous meetings to ensure acceptability.
Department of National Defence (DND), Ministry of Transportation (MTO)	2024-10-31 14:45	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, TjLagat	Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed DND and Hydro One with attached comments on the proposed Hydro Corridor. MTO requested that any questions or concerns be directed to the Ministry. MTO awaited review and follow-up from the recipients.
Ministry of Energy and Mines	2024-11-06 12:10	Email	Outgoing	Amy Gibson	Barbara Hood, Christopher Grol, Erika Dawson, Jeff Hankin, Karola Toth, Leon Watson	Hydro One emailed the Ministry of Energy and Mines (MEM) and provided a letter requesting determination from the Ministry as to whether the proposed Project triggers the Crown's constitutional Duty to Consult with respect to Indigenous and treaty rights, and if so, whether the Crown delegates procedural aspects of the Duty to Consult to Hydro One, as well as the level of consultation required. Hydro One indicated they were re-starting a Class Environmental Assessment (Class EA) for a proposed Project to relocate an approximately 22 kilometre (km) section of the D6 transmission line away from an active firing range and other

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-12 15:16	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, Tj Lagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO noting that Hydro One is requesting to move one structure east approximately 16 meters to avoid impacts to an additional property owner. Hydro One provided a map of the proposed change.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-12 15:16	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, Tj Lagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed the MTO and DND regarding a proposed change to the transmission line south of the Petawawa River. The change involves moving one structure east by approximately 16 meters to avoid impacting an additional private property owner, with the transmission corridor shifting onto MTO property as shown on the attached map. Hydro One requested feedback on any concerns with this alteration and promised to provide additional details for the areas marked on Schedule A once available.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:37	Email	Incoming	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, Tj Lagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One noting that they had no objections to the proposed change. MTO requested that when the detailed design is complete, this is sent to MTO for assessment. MTO noted that Hydro One will require an encroachment permit for the proposed route crossing locations.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:52	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Piacentini Francesco, Sean Moyles, Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed the MTO to express appreciation for considering a proposed change and for the quick reply. Hydro One promised to send the detailed design as soon as it is available and mentioned they would apply for an encroachment permit once the design is approved by the MTO.
Department of National Defence (DND), Ministry of Transportation (MTO)	2025-03-14 11:52	Email	Outgoing	Alexandre Gitkow, Darren Waters, Joan Behnke, Sean Moyles, Tarique Kamal, Tj Lagat	Attari Mo, Frank Piacentini, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO thanking them for considering the change and for the quick response. Hydro One noted that they will provide the detailed design as soon as it is available, and committed to applying for an encroachment permit once the design is approved by MTO.
Ministry of Transportation (MTO)	2025-03-24 15:43	Email	Outgoing	Alexandre Gitkow, Darren Waters, Tarique Kamal, Tj Lagat	Jeff Hankin	Hydro One emailed MTO to inform them that the Class EA process for the Project is officially restarting. They announced a Community Open House on April 8, 2025 to introduce the proposed route to the public and also attached the Notice. Hydro One invited MTO to attend and encouraged forwarding the invite to others who may be interested.
Ministry of Transportation (MTO)	2025-03-24 15:43	Email	Outgoing	Alexandre Gitkow, Darren Waters, Tarique Kamal, Tj Lagat	Jeff Hankin	Hydro One emailed the MTO and informed them that the Class EA process for the Project was officially restarting. Hydro One announced a community open house on April 8th, 2025 to introduce the proposed route to the public and attached the Notice. Hydro One invited MTO to attend and encouraged forwarding the invite to others who may be interested.
Ministry of Transportation (MTO)	2025-03-24 17:07	Email	Incoming	Alexandre Gitkow, Darren Waters, Tarique Kamal, Tj Lagat	Jeff Hankin	MTO emailed Hydro One and thanked them for the Notice.
Ministry of Energy and Mines	2025-08-27 15:01	Email	Outgoing	Amy Gibson	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed the MEM and indicated they had not received a delegation letter for the Project. Hydro One inquired if they could get a delegation letter for the Project from the MEM. Hydro One noted to let them know if they needed any additional information.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Ministry of Transportation (MTO)	2025-09-09 14:20	Email	Outgoing	Alexandre Gitkow, Darren Waters, Kartik Suresh, Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO and indicated they were the new point of contact for the Project and provided routing files, noting they believed all the previous comments had been addressed but to let them know if anything required further clarification. Hydro One offered to schedule a meeting.
Ministry of Transportation (MTO)	2025-09-10 10:26	Email	Incoming	Alexandre Gitkow, Darren Waters, Kartik Suresh, Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One and they would follow-up with Hydro One after their internal review.
Ministry of Transportation (MTO)	2025-09-11 13:46	Email	Incoming	Tarique Kamal, Tj Lagat	Attari Mo	MTO emailed Hydro One and requested a PDF of the hydro corridor, noting the kmz file did not work for them.
Ministry of Transportation (MTO)	2025-09-11 13:52	Email	Outgoing	Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO and provided a PDF of the proposed routes.
Ministry of Transportation (MTO)	2025-09-11 13:54	Email	Incoming	Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One and thanked them for providing the PDF of the proposed Project.
Ministry of Transportation (MTO)	2025-09-25 14:38	Email	Outgoing	Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO and inquired if they had comments on the Project maps that were sent to MTO.
Ministry of Transportation (MTO)	2025-10-16 16:31	Email	Incoming	Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One and provided their comments on the Project. MTO's comments included questions related to specific pole structures and the clear zone, notes regarding the clear zone from edge of Hydro One proposed structures, and indicated that overall Hydro One had met most of their requirements to align with the MTO plan.
Ministry of Transportation (MTO)	2025-10-16 23:33	Email	Outgoing	Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	Hydro One emailed MTO and responded to the MTO's comments, noting the type of structure to be constructed adjacent to the MTO property and provided direction for where measurements should be taken on Hydro One structures.
Ministry of Transportation (MTO)	2025-10-17 09:01	Email	Incoming	Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One and thanked them for their responses to MTO's comments.
Ministry of Transportation (MTO)	2025-10-17 12:56	Email	Outgoing	Alexandre Gitkow, Brian Hickey, Tarique Kamal	Jeff Hankin	Hydro One emailed MTO and confirmed they would include the provided MTO contacts on communications going forward.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Ministry of Transportation (MTO)	2025-10-17 15:40	Email	Incoming	Tarique Kamal	Attari Mo, Jeff Hankin, Leon Watson, Rob Davies, Sean Richards	MTO emailed Hydro One and indicated they were satisfied with Hydro One's responses and had no further comments on the Project regarding the design. MTO noted that, as outlined in their letter dated October 31, 2024, Hydro One must obtain an Encroachment Permit for the proposed crossing locations prior to commencing work. MTO provided a link to their Highway Corridor Management System and indicated to submit their permit application through the link. MTO informed Hydro One that an easement would be required to place a Hydro One structure on MTO land south of the Petawawa River. MTO requested information regarding the structure to be placed on MTO land.
Ministry of Energy and Mines	2025-10-21 10:20	Email	Outgoing	Amy Gibson	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed the MEM to follow up on a request for a letter related to the Project. Hydro One noted the intent to finalize the Class EA process early next year and sought confirmation that Indigenous communities had been appropriately engaged. Hydro One requested issuance of the letter and invited any questions.
Ministry of Energy and Mines	2025-12-15 14:03	Email	Outgoing	Amy Gibson	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed the MEM and followed-up on their request for a delegation letter regarding the Duty to Consult.
Ministry of Energy and Mines	2025-12-30 16:33	Email	Incoming	Amy Gibson, Hilary Ferguson, Samir Adkar, Shannon McCabe	Christopher Grol, Erika Dawson, Jeff Hankin	The MEM emailed Hydro One and noted they were responding in the absence of their colleague, to share the preliminary consultation guidance for the Project. The MEM indicated that, given the time constraints, they were sending the list to Hydro One in the interim as guidance while they finalize the Duty to Consult assessment, after which they would send the formal letter. The MEM provided a list of Indigenous communities as preliminary consultation guidance for the Project.
Ministry of Energy and Mines	2026-01-05 09:04	Email	Outgoing	Amy Gibson, Hilary Ferguson, Samir Adkar, Shannon McCabe	Barbara Hood, Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed the MEM and noted they were surprised to see the Williams Treaties Nations included on the list of preliminary consultation guidance for the Project. Hydro One requested clarification for the inclusion of the Williams Treaties Nations and offered to have a virtual meeting with the MEM.
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-04 10:54	Email	Outgoing	Erika Leclerc, Karla Barboza	Jeff Hankin	Hydro One emailed MCM and provided the Notice of Completion for the release of the draft Environmental Study Report (ESR) and the 30-day review period beginning February 13, 2026. Hydro One noted that a Stage 1 Archaeological Assessment is currently in progress, and that a Stage 2 Archaeological Assessment is planned for Spring 2026. Hydro One also noted that a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment was completed for the Project, acknowledging that the draft ESR may not have been updated in time.
Ministry of the Environment, Conservation and Parks (MECP)	2026-02-04 11:04	Email	Outgoing	EA Notification Eastern Region	Jeff Hankin	Hydro One emailed MECP to provide the Project Notice of Completion for the release of the draft ESR and the 30-day review period beginning February 13, 2026.
Ministry of Natural Resources (MNR)	2026-02-04 11:08	Email	Outgoing	MNR Southern Region Email Inbox	Jeff Hankin	Hydro One emailed MNR to provide the Project Notice of Completion for the release of the draft ESR and 30-day review period beginning February 13, 2026.
Ministry of Transportation (MTO)	2026-02-04 11:20	Email	Outgoing	Alexandre Gitkow, Darren Waters, Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin	Hydro One emailed MTO to provide the Project Notice of Completion for the release of the draft ESR and 30-day review period beginning February 13, 2026. Hydro One indicated they would submit an encroachment permit closer to construction, and would submit a survey plan for a structure south of Petawawa River.
Ministry of Energy and Mines	2026-02-04 12:34	Email	Outgoing	Hilary Ferguson	Christopher Grol, Erika Dawson, Jeff Hankin	Hydro One emailed the MEM to provide the Project Notice of Completion for the release of the draft ESR and 30-day review period beginning February 13, 2026. Hydro One noted that the Indigenous Communities identified in past correspondence would have an opportunity to review and comment.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-05 17:31	Email	Incoming	Erika Leclerc, Karla Barboza	Jeff Hankin	The MCM emailed Hydro One and thanked them for sending the Project Notice of Completion for the draft ESR, and for information regarding cultural heritage studies undertaken. The MCM requested an estimated timeline for the submission of the Stage 1 Archaeological Assessment to the MCM, and a copy of the Cultural Heritage Report if this was not included in the ESR appendices.
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-09 15:16	Email	Outgoing	Erika Leclerc, Karla Barboza	Jeff Hankin	Hydro One emailed the MCM and indicated that the draft Stage 1 Archaeological Assessment was being reviewed by Indigenous Communities that it was anticipated to be submitted in 3-4 weeks. Hydro One also noted that the Cultural Heritage Screening Report would be included in the draft ESR, and the Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment would be included in the final ESR. Hydro One also stated that the Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment would be sent to the MCM when available.
Ministry of Transportation (MTO)	2026-02-11 14:26	Email	Incoming	Alexandre Gitkow, Darren Waters, Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin	The MTO emailed Hydro One and stated that they had no comments yet, and would review the ESR when available and provide comments at that time. The MTO also stated that a specific MTO contact was no longer involved with the Project and requested their removal from the distribution list.
Ministry of Transportation (MTO)	2026-02-11 14:50	Email	Outgoing	Alexandre Gitkow, Tarique Kamal, Tj Lagat	Attari Mo, Jeff Hankin	Hydro One emailed the MTO and provided the draft ESR. Hydro One also provided an overview of the Class EA process that Hydro One follows. Hydro One noted that the ESR appendices were too large to attach to the email and offered to arrange a large file transfer, and also indicated that the appendices would be available for download on the Project website on February 13, 2026. Hydro One also confirmed that the MTO contact was removed from the distribution list.
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-12 12:46	Email	Outgoing	Erika Leclerc, Karla Barboza	Jeff Hankin	Hydro One emailed the MCM and provided the Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, and invited any questions or comments.
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-12 15:08	Email	Incoming	Erika Leclerc, Karla Barboza	Jeff Hankin	The MCM emailed Hydro One and thanked them for providing an update on the cultural heritage studies, and for providing a copy of the Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment. The MCM stated that they would review the Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment at the same time as the ESR and provide any comments in a combined response.
Ministry of Citizenship and Multiculturalism (MCM)	2026-02-12 15:28	Email	Outgoing	Erika Leclerc, Karla Barboza	Jeff Hankin	Hydro One emailed the MCM and thanked them.
Ministry of Citizenship and Multiculturalism (MCM), Ministry of the Environment, Conservation and Parks (MECP)	2026-03-20 11:44	Email	Incoming	EA Notification Eastern Region, Erika Leclerc, Jon Orpana, Karla Barboza, Mariana Nito	Jeff Hankin	The MCM emailed Hydro One and provided their comments on the draft ESR, and the Cultural Heritage Report. The MCM also provided some additional guidance related to Cultural Heritage Reports.
Ministry of Citizenship and Multiculturalism (MCM), Ministry of the Environment, Conservation and Parks (MECP)	2026-03-20 11:50	Email	Outgoing	EA Notification Eastern Region, Erika Leclerc, Jon Orpana, Karla Barboza, Mariana Nito	Jeff Hankin	Hydro One emailed the MCM and thanked them for their comments on the draft ESR. Hydro One indicated that the draft ESR and the Cultural Heritage Report would be revised accordingly.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Town of Petawawa	2021-07-15 11:17	Email	Outgoing	Bob Sweet, Dan Scissons, Kate Bennett	Community Relations Inbox	Hydro One emailed the Town of Petawawa to provide the Project NoC. Hydro One provided an overview of the Project and offered to provide additional information if they have any questions or concerns.
Town of Laurentian Hills	2021-07-15 11:23	Email	Outgoing	John (Jed) Reinwald	Community Relations Inbox	Hydro One emailed the Town of Laurentian Hills to provide the Project NoC. Hydro One provided an overview of the Project and offered to provide additional information if they have any questions or concerns.
County of Renfrew	2021-07-15 11:28	Email	Outgoing	Jennifer Murphy, Paul Moreau	Community Relations Inbox	Hydro One emailed the County of Renfrew to provide the D6 Relocation Project (the Project) Notice of Commencement (NOC). Hydro One provided an overview of the Project and offered to provide any additional information if they have any questions or concerns.
Town of Petawawa	2021-10-12 14:35	Email	Outgoing	Bob Sweet, Dan Scissons, Kate Bennett	Emily Spitzer	Hydro One emailed Mayor Sweet of the Town of Petawawa to provide an invitation to Community Open House #1 (COH #1) taking place on November 17, 2021. Details for COH #1 were provided. Hydro One also invited the Town of Petawawa to take a tour of a local distribution station in the morning of November 17, 2021.
Town of Petawawa	2021-10-12 15:36	Email	Outgoing	Bob Sweet, Dan Scissons, Kate Bennett	Emily Spitzer	Hydro One emailed the mayor of the Town of Petawawa to provide an invitation to the Community Information Centre and offer a tour of one of a local distribution station.
Town of Laurentian Hills	2021-10-12 15:38	Email	Outgoing	John (Jed) Reinwald	Emily Spitzer	Hydro One emailed the Town of Laurentian Hills to invite them to COH #1 and to tour a local distribution station.
Town of Laurentian Hills	2021-10-28 09:35	Email	Outgoing	John (Jed) Reinwald	Emily Spitzer	Hydro One emailed the mayor of Laurentian Hills to follow up on the invitation to tour a local distribution station. Hydro One stated that the intent is to learn more about project.
Town of Petawawa	2021-10-28 09:36	Email	Outgoing	Bob Sweet, Dan Scissons, Kate Bennett	Emily Spitzer	Hydro One emailed Mayor Sweet of the Town of Petawawa to follow-up on the invitation to tour a local distribution station. Hydro One stated that the intent was to learn more about the Project.
Town of Laurentian Hills	2021-10-28 10:10	Email	Incoming	John (Jed) Reinwald	Emily Spitzer	Mayor Reinwald of the Town of Laurentian Hills emailed Hydro One to decline the offer to tour a local distribution center.
Town of Laurentian Hills	2021-10-28 10:11	Email	Outgoing	John (Jed) Reinwald	Emily Spitzer	Hydro One emailed the Town of Laurentian Hills and thanked them, acknowledging the declined invitation to tour a local distribution station.
Town of Petawawa	2021-11-01 00:00	Phone	Outgoing	Kate Bennett, Town of Petawawa	Emily Spitzer	Hydro One left a voicemail inviting the Town of Petawawa to the Community Information Centre.
Town of Petawawa	2021-11-02 10:40	Email	Incoming	Kate Bennett	Emily Spitzer	A representative of the Town of Petawawa emailed Hydro One to decline the offer for the Mayor to attend a tour of a local distribution center.
Town of Petawawa	2021-11-02 11:05	Email	Outgoing	Kate Bennett	Emily Spitzer	Hydro One emailed the representative of the Town of Petawawa, acknowledging the declined invitation to tour a local distribution station and Community Information Centre.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Town of Petawawa	2021-11-17 18:00	Event (attended)		Bob Sweet, Brian Eichstaedt, Bruce And Brenda Gillies, Bruce Rozyoki, Darryl Lance, David Priebe, Mike Silke, Ralph Maues, Shannon Clouthier, Terry Hampel, Terry Vaudry, Trevor Jones, Willard Schwantz	Daniel Bourassa (Dillon), Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Melissa Rozycki, Terry Bass	Hydro One hosted COH #1 on November 17, 2021, in Petawawa, to provide stakeholders with more information about the Project. This event included a Project overview, description of the Project area, timeline, Class Environmental Assessment process, preferred/alternative route evaluation, Indigenous engagement, Project benefits, and how to get involved.
Town of Petawawa	2021-11-18 13:55	Email	Outgoing	Bob Sweet, Kate Bennett	Community Relations Inbox	Hydro One emailed Mayor Sweet of the Town of Petawawa to obtain more information about the concerns raised at COH #1. Hydro One requested to be directed to a planner with the Town of Petawawa to discuss details about the trail expansion and municipal land use plans. Hydro One indicated the intention to schedule a meeting with the Mayor of the Town of Petawawa to determine next steps in route selection at the appropriate time.
County of Renfrew	2021-11-19 00:00	Email	Outgoing	Craig Kelley, Jason Davis	Community Relations Inbox, Emily Spitzer	Hydro One emailed the County of Renfrew and requested their availability for a meeting.
	2021-11-19 15:37	Email	Incoming	Jason Davis	Community Relations Inbox, Emily Spitzer	The County of Renfrew emailed Hydro One to schedule a meeting regarding land use plans for the Algonquin Trail and to discuss the Project route alternatives.
County of Renfrew	2021-11-22 00:00	Email	Outgoing	Craig Kelley, Jason Davis	Community Relations Inbox, Emily Spitzer	Hydro One emailed the County of Renfrew and provided their availability for a meeting.
	2021-11-29 16:53	Email	Outgoing	Jason Davis	Community Relations Inbox	Hydro One emailed the County of Renfrew and provided their updated availability for a meeting.
	2021-12-03 11:00	Meeting		Jason Davis	Emily Spitzer, Jeff Hankin, Kyle Ellis, Melissa Rozycki	Hydro One held a virtual meeting with the County of Renfrew to discuss the Project.
Town of Petawawa	2021-12-10 09:14	Email	Outgoing	Bob Sweet, Dan Scissons, Kate Bennett	Emily Spitzer	Hydro One emailed the Town of Petawawa asking to confirm the appropriate contact for lands/real estate at the Town of Petawawa.
Town of Petawawa	2021-12-10 09:29	Email	Incoming	Bob Sweet, Dan Scissons, Karen Cronier, Kate Bennett	Emily Spitzer	The Town of Petawawa emailed Hydro One and provided the appropriate contact for lands/real estate.
Town of Petawawa	2021-12-10 09:31	Email	Outgoing	Dan Scissons	Emily Spitzer	Hydro One emailed the Town of Petawawa and thanked them for providing the contact information.
Town of Petawawa	2022-03-31 00:00	Email	Outgoing	Christine Mitchell, David Unrau, Karen Cronier	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the Town of Petawawa and provided a meeting invitation for April 6, 2022, to discuss a section of the proposed route and the Town of Petawawa's land use plans. Hydro One also provided an agenda for the meeting.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Town of Petawawa	2022-04-06 00:00	Email	Outgoing	Christine Mitchell, David Unrau, Karen Cronier	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the Town of Petawawa to share the proposed route in advance of their meeting later in the day. Hydro One requested that if the Town of Petawawa has a development plan for the property or a plan that shows the approved access from the Ministry of Transportation, this is available to share during the meeting.
Ministry of Transportation (MTO), Town of Petawawa	2022-04-06 00:00	Meeting		Christine Mitchell, David Unrau, Karen Cronier, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One held a virtual meeting with MTO and the Town of Petawawa, and presented an overview and update for the Project, focusing on proposed routing at Murphy Road and Highway 17, and its effects on the Town of Petawawa Property (former landfill site). Concerns from MTO and permitting requirements were also discussed.
Town of Petawawa	2022-04-06 12:16	Email	Incoming	Christine Mitchell, David Unrau, Karen Cronier	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	The Town of Petawawa emailed Hydro One to provide a development map of the subject property. The Town of Petawawa noted that they are working to get permission from the Ministry of Transportation to share a copy of the Highway 17 expansion map.
Ministry of Transportation (MTO), Town of Petawawa	2022-04-06 14:00	Invitation	Outgoing	Christine Mitchell, David Unrau, Karen Cronier, Stephen Kapusta	Jeff Hankin, Kyle Ellis, Leon Watson, Rob Davies	Hydro One emailed the MTO and Town of Petawawa and provided a proposed agenda for the meeting the following week. The proposed agenda included and overview of the Project, discussions regarding the routing at Murphy Road and Highway 17, the Town of Petawawa former landfill site property, and the next steps.
Town of Petawawa	2025-03-13 15:35	Email	Outgoing	Gary Serviss	Community Relations Inbox	Hydro One emailed Mayor Serviss of the Town of Petawawa to inform them about the reinitiation of the Class EA for the Project. An overview of the Project was provided, including a description of the Project need. Hydro One invited the Town of Petawawa to Community Open House #2 (COH #2), taking place on April 8th, 2025, in Petawawa, to share updated routing details and offered to schedule a briefing with the Mayor to discuss the Project further. Hydro One committed to providing an advanced copy of the community notice with meeting and mapping details.
Town of Petawawa	2025-03-13 15:50	Email	Incoming	Scott Randolph	Community Relations Inbox	Mayor Serviss, of the Town of Petawawa emailed Hydro One to request a meeting to discuss the Project. A potential meeting date was offered, and it was noted that the Town of Petawawa would like to receive the mapping as soon as possible.
Town of Petawawa	2025-03-13 16:07	Email	Outgoing	Gary Serviss Srandolph -	Community Relations Inbox	Hydro One emailed Mayor Serviss of the Town of Petawawa to confirm availability for a virtual call on Tuesday March 18, 2025, at 10 am. Hydro One offered to set up the call and noted they would provide the route map ahead of the call.
Town of Petawawa	2025-03-17 15:01	Email	Outgoing	Gary Serviss Srandolph -	Jeff Hankin, Melissa Rozycki	Hydro One emailed Mayor Serviss of the Town of Petawawa to provide the Project Notice for Community Open House #2 (COH #2) being mailed out next week to residents in the Project area, ahead of their meeting tomorrow. Hydro One described how the Notice will be distributed, and noted that the web link is not yet updated but will be before the end of the week, prior to residents receiving the Notice.
Town of Petawawa	2025-03-18 13:20	Email	Incoming	Scott Randolph	Jeff Hankin, Melissa Rozycki	Mayor Serviss, of the Town of Petawawa emailed Hydro One to request a copy of the presentation from the meeting that occurred in the morning of March 18, 2025.
Town of Petawawa	2025-03-18 14:39	Email	Outgoing	Gary Serviss Srandolph -	Jeff Hankin, Melissa Rozycki	Hydro One emailed Mayor Serviss of the Town of Petawawa to share the presentation from the meeting on March 18, 2025. Hydro One thanked them for attending the meeting, and noted that Hydro One will seek answers to the questions posed in the meeting and respond as soon as possible.
Township of Laurentian Valley	2025-03-24 15:57	Email	Outgoing	Steve Bennett	Community Relations Inbox	Hydro One emailed Mayor Bennett of the Township of Laurentian Valley to share the Project Notice for COH #2 being sent to residents between Chalk River and Petawawa regarding the Project. An overview of the Project was provided, including a description of the Project need. Hydro One invited the Township of Laurentian Valley to COH #2, taking place on April 8th, 2025, in the Town of Petawawa, to share the updated proposed routing. Hydro One invited questions about the Project or community outreach.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Town of Laurentian Hills	2025-03-24 15:57	Email	Outgoing	John (Jed) Reinwald	Community Relations Inbox	Hydro One emailed Mayor Giardini of the Town of Laurentian Hills to provide the Project Notice for COH #2 being sent to residents between Chalk River and Petawawa regarding the Project. An overview of the Project was provided, including a description of the Project need. Hydro One invited the Town of Laurentian Hills to COH #2, taking place on April 8th, 2025, in the Town of Petawawa, to share the updated proposed routing. Hydro One invited questions about the Project or community outreach.
Town of Renfrew	2025-03-24 15:58	Email	Outgoing	Peter Emon	Melissa Rozycki	Hydro One emailed Warden Emon of the Town of Renfrew to to provide the Project Notice for COH #2 being sent to residents between Chalk River and Petawawa regarding the Project. An overview of the Project was provided, including a description of the Project need. Hydro One invited the Town of Renfrew to COH #2, taking place on April 8th, 2025, in the Town of Petawawa, to share the updated proposed routing. Hydro One invited questions about the Project or community outreach.
Town of Laurentian Hills	2026-01-28 10:23	Email	Outgoing	John (Jed) Reinwald	Shelly Reed	Hydro One emailed Mayor Giardini of the Town of Laurentian Hills to provide a copy of the Project Notice of Completion for the release of the draft Environmental Study Report (ESR) to be distributed to residents and the Project contact list. Hydro One provided an overview of content that will be included in the draft ESR, indicated how to submit comments, and noted that the public review period is from February 13 to March 15, 2026. Hydro One provided a link to the Project webpage and indicated that physical copies would be available at the Chalk River Library and Petawawa Public Library.
Town of Renfrew	2026-01-28 10:23	Email	Outgoing	Jennifer Murphy	Shelly Reed	Hydro One emailed Warden Murphy of the Town of Renfrew to provide a copy of the Project Notice of Completion for the release of the draft Environmental Study Report (ESR) to be distributed to residents and the Project contact list. Hydro One provided an overview of content that will be included in the draft ESR, indicated how to submit comments, and noted that the public review period is from February 13 to March 15, 2026. Hydro One provided a link to the Project webpage and indicated that physical copies would be available at the Chalk River Library and Petawawa Public Library.
Town of Petawawa	2026-01-28 10:23	Email	Outgoing	Gary Serviss	Shelly Reed	Hydro One emailed Mayor Servissof the Town of Petawawa to provide a copy of the Project Notice of Completion for the release of the draft Environmental Study Report (ESR) to be distributed to residents and the Project contact list. Hydro One provided an overview of content that will be included in the draft ESR, indicated how to submit comments, and noted that the public review period is from February 13 to March 15, 2026. Hydro One provided a link to the Project webpage and indicated that physical copies would be available at the Chalk River Library and Petawawa Public Library.
County of Renfrew	2026-01-28 10:27	Email	Outgoing	Jennifer Murphy	Shelly Reed	Hydro One emailed Warden Murphy of the County of Renfrew to provide a copy of the Project Notice of Completion for the release of the draft Environmental Study Report (ESR) to be distributed to residents and the Project contact list. Hydro One provided an overview of content that will be included in the draft ESR, indicated how to submit comments, and noted that the public review period is from February 13 to March 15, 2026. Hydro One provided a link to the Project webpage and indicated that physical copies would be available at the Chalk River Library and Petawawa Public Library.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
County of Renfrew	2026-02-12 15:42	Email	Outgoing	Bhowarth -	Jeff Hankin	Hydro One emailed the County of Renfrew to announce the completion and release of the draft ESR for the Project. Hydro One provided a brief overview of the Project and the content within the draft ESR. Hydro One indicated that the draft ESR would be available at the Project website on February 13, 2026, and provided a link. Hydro One also indicated that physical copies would be available at the Chalk River Library and the Petawawa Public Library during the 30-day review period of February 13 to March 15, 2026.
Town of Petawawa	2026-02-12 15:42	Email	Outgoing	Christine Mitchell	Jeff Hankin	Hydro One emailed the Town of Petawawa to announce the completion and release of the draft ESR for the Project. Hydro One provided a brief overview of the Project and the content within the draft ESR. Hydro One indicated that the draft ESR would be available at the Project website on February 13, 2026, and provided a link. Hydro One also indicated that physical copies would be available at the Chalk River Library and the Petawawa Public Library during the 30-day review period of February 13 to March 15, 2026.
Town of Petawawa	2026-02-12 15:42	Email	Outgoing	Kbickford -	Jeff Hankin	Hydro One emailed the Town of Petawawa to announce the completion and release of the draft ESR for the Project. Hydro One provided a brief overview of the Project and the content within the draft ESR. Hydro One indicated that the draft ESR would be available at the Project website on February 13, 2026, and provided a link. Hydro One also indicated that physical copies would be available at the Chalk River Library and the Petawawa Public Library during the 30-day review period of February 13 to March 15, 2026.
Town of Petawawa	2026-03-03 16:46	Email	Incoming	Dawn Recoskie, Melanie Scheer, Planning -	Community Relations Inbox	The Town of Petawawa emailed Hydro One and provided their comments on the draft ESR. The Town of Petawawa's comments were generally related to discrepancies between the ESR and the Town Official Plan related to land use designations, the ESR's omission of Section 18.3.1.1 of the Town Official Plan, and clarification regarding the intersection of Highway 17 and Murphy Road.
Town of Petawawa	2026-03-04 08:37	Email	Outgoing	Melanie Scheer	Shelly Reed	Hydro One emailed the Town of Petawawa and thanked them for their comments on the draft ESR. Hydro One stated that the comments would be forwarded to the Project team for review and a response.
Town of Petawawa	2026-03-10 15:35	Email	Outgoing	Dawn Recoskie, Melanie Scheer, Planning -	Alissa Lee (Dillon), Jeff Hankin, Shelly Reed	Hydro One emailed the Town of Petawawa and thanked them for their comments on the draft ESR. Hydro One provided responses to the Town of Petawawa's comments. Hydro One's responses noted that the final ESR would be updated to reflect the comments regarding land use designations, Section 18.3.1.1 of the Town Official Plan, and the Highway 17 and Murphy Road intersection.
Town of Petawawa	2026-03-13 09:34	Email	Incoming	Dawn Recoskie, Melanie Scheer, Planning -	Alissa Lee (Dillon), Jeff Hankin, Shelly Reed	The Town of Petawawa emailed Hydro One and thanked them for their response. The Town of Petawawa provided a map package, including GIS data from the Town's Official Plan. The Town of Petawawa directed Hydro One to the provided Schedule A map for land use designations, and Schedule B map for detailed data related to natural heritage features.
Town of Petawawa	2026-03-13 09:38	Email	Incoming	Dawn Recoskie, Melanie Scheer, Planning -	Alissa Lee (Dillon), Jeff Hankin, Shelly Reed	The Town of Petawawa emailed Hydro One and Dillon to provide the Schedule B map.
Town of Petawawa	2026-03-13 09:55	Email	Outgoing	Dawn Recoskie, Melanie Scheer, Planning -	Alissa Lee (Dillon), Jeff Hankin, Shelly Reed	Hydro One emailed the Town of Petawawa and Dillon and thanked the Town of Petawawa for providing the GIS data. Hydro One stated that the data and the Town of Petawawa's comments would be included in the final ESR.
Town of Laurentian Hills	2026-06-01 16:02	Email	Outgoing	John (Jed) Reinwald	Shelly Reed	Hydro One emailed the Mayor of the Town of Laurentian Hills and notified them that Hydro One has filed the Section 92 application with the Ontario Energy Board for the Project. Hydro One advised that pending the remaining approvals, they plan to begin construction in late 2026, early 2027.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
County of Renfrew	2026-06-01 16:03	Email	Outgoing	Jennifer Murphy	Shelly Reed	Hydro One emailed the Warden of the County of Renfrew and notified them that Hydro One has filed the Section 92 application with the Ontario Energy Board for the Project. Hydro One advised that pending the remaining approvals, they plan to begin construction in late 2026, early 2027.
Town of Petawawa	2026-06-01 16:04	Email	Outgoing	Gary Serviss	Shelly Reed	Hydro One emailed the Mayor of the Town of Petawawa and notified them that Hydro One has filed the Section 92 application with the Ontario Energy Board for the Project. Hydro One advised that pending the remaining approvals, they plan to begin construction in late 2026, early 2027.

Organisations	Date/time	Type of communication	Origin	Stakeholders	Staff members	Summary
Black Bay Ratepayers Association	2021-07-27 18:25	Email	Incoming	Roy Reed	Community Relations Inbox	The Black Bay Ratepayers Association emailed Hydro One requesting to be added to the D6 Relocation Project (the Project) contact list.
Keetna Snowmobile and Recreation	2021-08-26 11:55	Email	Outgoing	Sam Bloedow	Jeff Hankin	Hydro One emailed Keetna Snowmobile and Recreation to provide an overview of the Project and a copy of the Project NoC. Hydro One offered to provide additional information if they have any questions.
North Renfrew Snowmobile Association Inc.	2021-08-26 12:05	Email	Outgoing	Simon Lawson	Jeff Hankin	Hydro One emailed North Renfrew Snowmobile Association to provide an overview of the Project and a copy of the Project NoC. Hydro One offered to provide additional information if they have any questions.
Pembroke and Area Airport	2021-08-26 12:05	Email	Outgoing	Natalie Tricco, Stephen Gilchrist	Jeff Hankin	Hydro One emailed Pembroke and Area Airport to provide an overview of the Project and a copy of the Project NoC. Hydro One offered to provide additional information if they have any questions.
Snow Country Snowmobile Region (OFSC District 6)	2021-08-26 12:06	Email	Outgoing	Cheryl Reid	Jeff Hankin	Hydro One emailed Snow County Snow Mobile Region (OFSC District 6) to provide an overview of the Project and a copy of the Project NoC. Hydro One offered to provide additional information if they have any questions.
Timberline Snowmobile Club	2021-08-26 12:06	Email	Outgoing	Kerry MacDonald	Jeff Hankin	Hydro One emailed Timberline Snowmobile Club to provide an overview of the Project and a copy of the Project NoC. Hydro One offered to provide additional information if they have any questions.
North Renfrew Snowmobile Association Inc.	2021-08-26 14:14	Email	Outgoing	Simon Lawson	Jeff Hankin	Hydro One emailed the North Renfrew Snowmobile Association to provide the Notice of Commencement and offered additional information if they had any questions or concerns.
Black Bay Ratepayers Association	2021-11-05 15:24	Smart email	Outgoing	Roy Reed	Community Relations Inbox	Hydro One emailed Black Bay Ratepayers Association to invite them to Community Open House #1 (COH #1) taking place on November 17, 2021, in the Town of Petawawa.
Keetna Snowmobile and Recreation	2021-11-08 11:15	Email	Outgoing	Sam Bloedow	Jeff Hankin	Hydro One emailed Keetna Snowmobile and Recreation to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
North Renfrew Snowmobile Association Inc.	2021-11-08 11:28	Email	Outgoing	Simon Lawson	Jeff Hankin	Hydro One emailed North Renfrew Snowmobile Association to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
Pembroke and Area Airport	2021-11-08 11:30	Email	Outgoing	Natalie Tricco, Stephen Gilchrist	Jeff Hankin	Hydro One emailed Pembroke and Area Airport to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
Timberline Snowmobile Club	2021-11-08 11:32	Email	Outgoing	Kerry MacDonald	Jeff Hankin	Hydro One emailed Timberline Snowmobile Club to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
Snow Country Snowmobile Region (OFSC District 6)	2021-11-08 11:34	Email	Outgoing	Cheryl Reid	Jeff Hankin	Hydro One emailed Snow Country Snowmobile Region to invite them to COH #1 taking place on November 17, 2021, in the Town of Petawawa.
Friends of Petawawa Research Forest	2021-11-29 13:45	Email	Incoming	Frank Knaapen, Robin Cunningham	Community Relations Inbox	Friends of Petawawa Research Forest emailed Hydro One to express concerns about the proposed Route A of the Project and requested to be added to the Project contact list.
Friends of Petawawa Research Forest	2021-12-07 10:08	Email	Outgoing	Frank Knaapen, Robin Cunningham	Emily Spitzer	Hydro One emailed Friends of Petawawa Research Forest confirming that they have been added to the Project contact list. Hydro One also noted that their concerns regarding proposed Route A will be taken into consideration as part of the Class EA and that Hydro One is looking to select a preferred route in 2022. Hydro One noted that any Project updates will be shared with them directly.
Pembroke and Area Airport	2025-03-25 10:33	Email	Outgoing	Natalie Tricco, Stephen Gilchrist	Jeff Hankin	Hydro One emailed Pembroke and Area Airport to invite them to COH #2 taking place on April 8, 2025. Hydro One noted the Project began in 2021 and was paused, and the upcoming COH #2 is to re-introduce the Project. Hydro One invited any comments or questions.

Organisations	Date / time	Type of communication	Origin	Stakeholders	Staff members	Summary
Black Bay Ratepayers Association	2026-01-28 13:20	Smart email	Outgoing	Roy Reed	Community Relations Inbox	Community Relations sent the project contact list info about the draft ESR review/comment period.
Friends of Petawawa Research Forest	2026-01-28 13:20	Smart email	Outgoing	Frank Knaapen	Community Relations Inbox	Community Relations sent the project contact list info about the draft ESR review/comment period.
Friends of Petawawa Research Forest	2026-01-28 13:20	Smart email	Outgoing	Robin Cunningham	Community Relations Inbox	Community Relations sent the project contact list info about the draft ESR review/comment period.
Snow Country Snowmobile Region (OFSC District 6)	2026-02-12 15:43	Email	Outgoing	Info -	Jeff Hankin	Hydro One emailed Snow Country Snowmobile Region to announce the completion and release of the draft ESR for the Project. Hydro One provided a brief overview of the Project and the content within the draft ESR. Hydro One indicated that the draft ESR would be available at the Project website on February 13, 2026, and provided a link. Hydro One also indicated that physical copies would be available at the Chalk River Library and the Petawawa Public Library during the 30-day review period of February 13 to March 15, 2026.
Timberline Snowmobile Club	2026-02-12 15:43	Email	Outgoing	Timberlinesnowmobileclub -	Jeff Hankin	Hydro One emailed Timberline Snowmobile Club to announce the completion and release of the draft ESR for the Project. Hydro One provided a brief overview of the Project and the content within the draft ESR. Hydro One indicated that the draft ESR would be available at the Project website on February 13, 2026, and provided a link. Hydro One also indicated that physical copies would be available at the Chalk River Library and the Petawawa Public Library during the 30-day review period of February 13 to March 15, 2026.
TC Energy	2026-02-23 16:42	Email	Outgoing	Integrated Development	Attari Mo, Jeff Hankin	Hydro One emailed TC energy and provided a map of the preferred route, in addition to an overview of the Project. Hydro One noted that the Project parallels a TransCanada pipeline corridor for approximately 950 meters, and will require a crossing of the pipeline corridor in one location. Hydro One inquired if any additional permissions are required for this crossing, and also stated that Hydro One would apply for equipment crossings through the written consent portal closer to construction. Hydro One also noted that the Project draft ESR was available for review and provided a link to the Project website. Hydro One provided their contact information.
TC Energy	2026-03-09 14:45	Email	Outgoing	Sarah Abdulla	Jeff Hankin	Hydro One emailed TC Energy and provided their availability for a meeting to discuss the Project.
TC Energy	2026-03-09 15:40	Email	Incoming	Sarah Abdulla	Jeff Hankin	TC Energy emailed Hydro One and requested Hydro One's availability for a meeting to discuss the Project.
TC Energy	2026-03-12 13:30	Email	Incoming	Sarah Abdulla	Jeff Hankin	TC Energy emailed Hydro One and suggested a meeting on Tuesday March 17, 2026.
TC Energy	2026-03-13 10:12	Email	Outgoing	Sarah Abdulla	Jeff Hankin	Hydro One emailed TC Energy and confirmed their availability for a meeting on Tuesday March 17, 2026. Hydro One stated they would send a meeting invitation.

Date/time	Type of communication	Origin	Staff members	Summary
2021-08-04 03:47	Phone	Incoming	Community Relations Inbox	A member of the public called Hydro One and requested more information on the D6 Relocation Project (the Project).
2021-08-04 03:50	Phone	Outgoing	Emily Spitzer	Hydro One returned a phone call to a member of the public regarding concerns about the Project. The member of the public expressed frustration towards the engagement process. Hydro One explained the importance of public-input into the planning process.
2021-08-04 16:16	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public as a follow up to a phone conversation. Hydro One provided a copy of the Project map and confirmed that they had added the member of the public to the Project contact list.
2021-08-06 10:10	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One requesting to be added to the Project contact list.
2021-08-06 11:59	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One requesting to be added to the Project contact list.
2021-08-06 12:01	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public confirming that they had been added to the Project contact list.
2021-08-06 12:02	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public confirming that they had been added to the Project contact list.
2021-08-09 19:30	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One expressing opposition to the proposed Project route due to impacts to their property and requested to be contacted by Hydro One to discuss alternative routes that would not impact their property.
2021-08-10 09:21	Phone	Incoming	Community Relations Inbox	A member of the public left a voicemail regarding the Project and requested a call back.
2021-08-11 10:13	Phone	Outgoing	Emily Spitzer	Hydro One returned a call to a member of the public to discuss the Project. Hydro One left a voicemail and a return number if further discussion is required.
2021-08-11 10:22	Phone	Outgoing	Emily Spitzer	Hydro One called the office of a member of the public. The assistant took the phone number and noted someone will call back.
2021-08-12 02:12	Phone	Incoming	Emily Spitzer	A member of the public returned Hydro One's call and discussed Project route alternatives. Hydro One confirmed that they had been added to the Project contact list.
2021-08-19 21:01	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One requesting to be added to the Project contact list.

Date/time	Type of communication	Origin	Staff members	Summary
2021-08-27 11:24	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One requesting to be added to the Project contact list.
2021-09-01 09:56	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public confirming that they were added to the Project contact list.
2021-09-06 20:18	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One to provide their name and property location.
2021-09-07 10:26	Email	Outgoing	Community Relations Inbox	Hydro one emailed a member of the public confirming that they have been added to the Project contact list.
2021-09-15 15:36	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One requesting more information about the Project route selection, citing the Project map and a map of the property they wanted to discuss further.
2021-09-16 14:16	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public, providing more information about the Project route alternatives. Hydro One noted that engagement opportunities will be held in the fall and that they added the member of the public to the Project contact list.
2021-09-17 00:00	Email	Incoming	Emily Spitzer	A member of the public emailed Hydro One to request clarification on which route alternative has potential for impacts to their property.
2021-09-20 10:06	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public to clarify Project route selection and route alternative options. Hydro One provided more information regarding the Environmental Assessment process and reiterated the importance of public feedback for route selection.
2021-09-22 12:39	Phone	Outgoing	Emily Spitzer	A member of the public called Hydro One regarding concerns of the proposed Project route. The member of the public requested to be added to the Project contact list and added the list for the fall meeting.
2021-09-23 10:51	Phone	Incoming	Emily Spitzer	A member of the public called Hydro One to express concerns about impacts to their property value and general land disruption. Hydro One added them to the mail contact list at their request.
2021-10-29 00:00	Flyer/ Unaddressed Notice	Incoming		Dillon Consulting Limited mailed the Notice of Community Information Centre #1 (COH #1) via letter mail to property owners within 500 meters of the route alternatives/crossed by the alternatives.
2021-11-05 15:24	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed members of the public to invite them to COH #1 for the Project, occurring on November 17, 2021, in the Town of Petawawa.
2021-11-05 15:24	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed members of the public to invite them to COH #1 for the Project, occurring on November 17, 2021, in the Town of Petawawa.

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2021-11-05 15:24	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed members of the public to invite them to COH #1 for the Project, occurring on November 17, 2021, in the Town of Petawawa.
2021-11-12 00:00	Phone	Incoming	Community Relations Inbox	A member of the public called Hydro One and left a voicemail. They requested more information about route selection and if the Project would be impacting their property.
2021-11-14 19:47	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One regarding the invitation to the COH #1. They stated that they can not attend in person and requested an alternative format. They reiterated their views with Route A and how this would impact their property. They proposed their own alterative route on adjacent land owned by the Town of Petawawa.
2021-11-15 03:27	Phone	Outgoing	Emily Spitzer	Hydro One called a member of the public to address concerns with route selection and their property. Hydro One advised the member of the public that a preferred route has not been selected and route refinements may be required. The member of the public noted they may attend COH #1 to speak with members of the Project team.
2021-11-16 10:37	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public to address their concerns with the Project route selection. Hydro One noted that their feedback and input would be considered as part of the Environmental Assessment process. Hydro One noted they will examine the route to limit Project impacts. Hydro One provided a link for the virtual format of COH #1 and encouraged the member of the public to reach out if they had any further questions or concerns.
2021-11-16 14:23	Email	Incoming	Emily Spitzer	A member of the public emailed Hydro One to request their formal objection to Route A be noted during COH #1. The member of the public reiterated their views regarding Route A and they believe the route should be altered so that it crosses on the Town of Petawawa property. They requested more information regarding the online format of COH #1 and requested to receive confirmation that Hydro One would address their objections during COH #1.

Date/time	Type of communication	Origin	Staff members	Summary
2021-11-17 16:00	Email	Incoming	Emily Spitzer	A member of the public emailed Hydro One asking if there was a virtual format to attend COH #1.
2021-11-17 18:00	Event (attended)	Outgoing	Daniel Bourassa (Dillon), Erika Dawson, Jamie Michael, Jeff Hankin, Kyle Ellis, Melissa Rozycki, Terry Bass	Hydro One hosted COH #1 on November 17, 2021, in Petawawa, to provide stakeholders with more information about the Project. This event included a Project overview, description of the Project area, timeline, Class Environmental Assessment process, preferred/alternative route evaluation, Indigenous engagement, Project benefits, and how to get involved.
2021-11-18 09:23	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public stating that COH #1 was a drop-in style event and members of the public could ask questions/provide feedback to members of the Hydro One Project team in individual conversations. Hydro One provided the member of the public a link to the website with the Project information. Hydro One noted that any feedback provided at the event or 'virtually' will be noted and considered by the Project team for the Environmental Assessment.
2021-11-22 12:54	Email	Outgoing	Community Relations Inbox, Emily Spitzer	Hydro One emailed a member of the public to answer questions they had about the Project and route alternatives. Hydro One noted that COH #1 was a drop in style so members of the public could individually address questions/concerns with Project team members. They stated that all of the information from COH #1 is available on the Project website. Hydro One noted that all feedback from the public will be considered for the Environmental Assessment and a draft report will be made available for review. Hydro One addressed the concerns surrounding the need for the Project.
2021-11-28 20:07	Email	Incoming	Emily Spitzer	A member of the public emailed Hydro One and reiterated their objection to the development of Alternative Route A for the Project. The member of the public reiterated their views and suggested that the route be moved to the adjacent Town of Petawawa property. The member of the public questioned if the wooden marker stakes along the front of their property were from Hydro One.
2021-12-01 13:26	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public to acknowledge receipt of their concerns and noted that they will be considered as part of the Environmental Assessment. Hydro One confirmed that the wooden stakes on their property are not from Hydro One.
2022-01-04 17:21	Phone	Incoming	Emily Spitzer	A member of the public called Hydro One regarding an update with Project route selection and requested information from COH #1 be sent to them.
2022-01-10 01:28	Phone	Outgoing	Emily Spitzer	Hydro One called a member of the public and stated that they would mail them a copy of the information presented in COH #1. The member of the public thanked Hydro One for including Project information in the local newspaper.
2022-03-06 11:15	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One stating the Project website has no guidance on which route was selected.

Date/time	Type of communication	Origin	Staff members	Summary
2022-03-08 10:32	Email	Outgoing	Emily Spitzer	Hydro One emailed a member of the public to state that the Project website has been updated to reflect the new timeline for the preferred Project route (Spring 2022). Hydro One noted that once the preferred route is selected additional engagement opportunities will occur to allow for more Project feedback.
2022-04-04 02:58	Phone	Incoming	Eryn Macleod Brown	A member of the public called Hydro One and left a voicemail. They asked if an update regarding route selection was available.
2022-04-04 03:15	Phone	Outgoing	Emily Spitzer	Hydro One returned the call of a member of the public to state that a preferred route has not been selected and that Hydro One will send them a hard copy of the related information as per their accommodation request.
2022-04-28 00:00	Letter	Outgoing	Emily Spitzer	Hydro one mailed a member of the public a letter containing information from the Project website as per their request.
2023-04-17 13:46	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to apologize for the delayed response and acknowledge receipt of comments regarding a route alternative impacting the recipient's mother-in-law's property. Hydro One informed that the information has been forwarded to the real estate team for review. They mentioned that the project is temporarily paused while technical information is confirmed and assured the recipient that they and their mother-in-law will be informed of next steps for route selection once planning resumes. Hydro One expressed anticipation for future communication when the project resumes.
2023-09-23 21:31	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and provided their contact information.
2025-03-27 13:24	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and indicated they were an affected landowner and received a registered mail package. The member of the public requested residential building rules/setbacks for the transmission line. The member of the public noted they were planning the process to build a house on the property and that the proposed transmission line is very close to the desired location. The member of the public provided the Reference PIN number for their property.
2025-03-27 15:16	Email	Outgoing	Community Relations Inbox, Froats Bruce	Hydro One emailed a member of the public to acknowledge their inquiry about the transmission line relocation. Hydro One introduced a dedicated land agent for the project, who will provide information and answer questions related to the property. Hydro One mentioned that the land agent will reach out directly in the next few days and requested a phone number for contact. Alternatively, the land agent can initiate contact via email to establish the preferred means of communication.
2025-03-27 17:43	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One noting that the proposed refined routing appeared to impact their property.
2025-03-28 08:48	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and provided marked up mapping indicating their proposed refinements to the route, where their property is, and their notes regarding the proposed refinements. The member of the public noted that the refined route would hide the line from the greatest number of homes adjacent to the gravel pit, and that their proposed refinement would help with the reduction of wildfire risk as per the Town of Petawawa Official Plan.

Date/time	Type of communication	Origin	Staff members	Summary
2025-03-28 09:40	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public confirming they have been added to the Project contact list. Hydro One requested the address of the property impacted by the proposed routing.
2025-03-28 09:49	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to thank them for their inquiry regarding the project. They provided a direct link to a more detailed map of the proposed routing available on the website.
2025-03-28 11:41	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and noted their property was a historic farm granted to the family via a Land Patent and is now used as a private recreational forest and provided the address. The member of the public indicated the revised route traverses the Rantz Road gravel pit and then turns along their property. The member of the public inquired regarding the reasoning behind the route revisions.
2025-03-28 12:31	Email	Outgoing	Froats Bruce	Hydro One emailed a member of the public and indicated they would be assisting them with navigating the Project. Hydro One requested contact information for the member of the public and noted they wanted to set up a meeting to go over the member of the public's concerns and discuss the package the member of the public received. Hydro One provided their availability for the week of April 1, 2025.
2025-03-28 14:19	Email	Incoming	Froats Bruce	A member of the public emailed Hydro One and provided their contact information and their availability to meet the first week of April, 2025. The member of the public noted their main concern was the route, and provided their proposed alternate routing on a marked up map.
2025-04-01 15:25	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and expressed their concerns regarding the Project. The member of the public had concerns related to health and safety and EMF, impacts on property values, aesthetic and visual effects, environmental and natural disruption, and loss of use and enjoyment of their property. The member of the public requested that Hydro One reconsider the route alternative impacting their property and explore options that minimize residential and environmental impacts. The member of the public noted they would appreciate a response from Hydro One outlining how Hydro One is evaluating alternative routes and addressing landowner feedback during the consultation phase. The member of the public noted they remained open to further engagement and were hopeful their concerns would be taken seriously.
2025-04-07 21:19	Email	Incoming	Melissa Rozycki	A member of the public emailed Hydro One and provided a history of their experience living in the area and adjacent to the Rantz Road gravel pit. The member of the public indicated they had purchased a portion of the gravel pit and, following the example of the previous landowners, allow their neighbours and friends access to the land. The member of the public emphasized the importance of the gravel pit to the community and to their mental and physical health, indicating they use the area for exercise, playing with their dogs, gardening, photography, and painting. The member of the public noted that the transmission line would detract from the enjoyment of the property and ideally would not like the transmission line on the land. The member of the public indicated that if the Project must proceed, they would like Hydro One to follow a route across the land that is less visible and does not pass through their proposed building location, adding that they plan on building a home that would be included in the Hydro One easement. The member of the public provided photographs, images of paintings, and a map with their proposed route refinement.

Date/time	Type of communication	Origin	Staff members	Summary
2025-04-08 14:34	Email	Outgoing	Froats Bruce	Hydro One emailed a member of the public and thanked them for sending the letter and photos regarding the use of the Rantz Road gravel pit. Hydro One noted that they would see the member of the public the following day at a meeting and that this would be a good time to reinforce the member of the public's concerns.
2025-04-08 20:09	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and noted they believed Hydro One missed an opportunity with the Project. The member of the public included a forwarded email they sent to MTO noting their concerns with MTO's position on the initial preferred route for the Project and that MTO should have attended the Community Open House.
2025-04-09 13:42	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and it was nice to meet the Project team at the COH. The member of the public provided comments on the Project, including questions regarding the height and placement of poles, whether there would be additional excavation for the Project and if so, how would soil erosion be mitigated. The member of the public inquired about fencing commitments along the ROW, whether there could be a buffer zone between the corridor and the property line. The member of the public provided comments on the revised route, noting that a diagonal bisecting the gravel pit would alleviate some of their concerns. The member of the public also provided constructive criticism for the Project team, indicating that not including adjacent property owners as directly impacted properties Hydro One was contradicting their stated value of welcoming public input.
2025-04-10 08:29	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and indicated they had concerns regarding the Project. The member of the public noted their opposition of the Project traversing their property. The member of the public noted that the interactive map showed the revised route now traversing through the Rantz gravel pit and turning along their property prior to crossing Murphy Road. The member of the public inquired regarding the reasons for the proposed route refinement. The member of the public outlined their concerns with the refined route, noting a potential increase in wildlife encounters on the road, potential for trespassing on their property, and the impact on trees and wildlife habitats. The member of the public indicated they had raised concerns about the Hydro One easement abutting their property and had requested responses regarding measures like buffers and fencing. The member of the public provided a map of a potential alternative route that would address some of their concerns.
2025-04-11 16:17	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to thank them for attending the community open house and addressed their questions regarding health and safety, property value impact, aesthetics, environmental concerns, and loss of use related to the transmission line project. Hydro One explained EMFs and referenced Health Canada's conclusions on safety, discussed infrastructure's role in supporting growth, and described efforts to minimize visual impact and environmental disruption. They acknowledged recreational use concerns and detailed the route selection process, emphasizing commitment to minimizing impacts and working with affected individuals. Hydro One committed to review input and provide next steps for the Project.

Date/time	Type of communication	Origin	Staff members	Summary
2025-04-11 16:22	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to acknowledge receipt of their spouse's email and mentioned sharing additional information in a reply. Hydro One stated that the team received valuable feedback and will review it over the next few weeks. They recognized the concerns the proposed project has caused for nearby residents and assured that they are working to address these concerns. Hydro One promised to provide updates on the project.
2025-04-11 16:26	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to express gratitude for showing their property and acknowledged the concerns raised by them and their spouse. Hydro One mentioned that the team is reviewing the feedback provided and that a representative will be in touch to discuss next steps.
2025-04-13 17:45	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One, MTO, and MPP Denault, and noted that at the Project Community Open House on April 8, 2025, the member of the public was informed that the initially preferred route for the Project had been blocked by MTO. The member of the public indicated that they are one of the landowners whose property will be traversed by the most recently proposed route. The member of the public expressed that they had questions for MTO, though MTO did not attend the open house. The member of the public outlined the reasons for MTO's opposition to the initial preferred route, including a planned expansion of Highway 17, and the MTO setbacks. The member of the public noted that the public had asked to see the highway expansion plan on the Hydro One mapping, and that one could not be provided to them. The member of the public indicated that the MTO setbacks were also questioned at the community open house and that the 400 metre setback does not seem to apply elsewhere as there are structures near the highway further along Highway 17. The member of the public provided advantages of locating the Project along Highway 17 rather than the newly proposed refined route, including less impacts on private land owners, potentially faster construction timelines, and more acceptance by the local community. The member of the public expressed their hope that MTO will reconsider their opposition to the Project paralleling Highway 17.
2025-04-17 13:43	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and provided a letter of their concerns regarding the Project. The member of the public provided their address. The member of the public inquired about the refinements made to Route Alternative A. The member of the public inquired about the size of the ROW for the transmission line and the amount of trees that would be cut down for the Project. The member of the public noted they heard from those who attended the Community Open House #2 that the initial Preferred Route was refined due to MTO constraints and asked if MTO was invited to attend the Community Open House #2. The member of the public expressed concerns that the refined Route Alternative A seemed to disproportionately affect the former gravel pit on Rantz Road and that this property is heavily used by the community. The member of the public expressed that the transmission line should follow the back of the Rantz Road property line.
2025-04-17 15:19	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to thank them for attending and providing comments and feedback on the project. Hydro One promised to be in touch with next steps regarding the Environmental Assessment and project updates.

Date/time	Type of communication	Origin	Staff members	Summary
2025-04-17 20:31	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One to express concerns about the D6 relocation project, specifically regarding the planned route near Murphy Road that crosses private property. They mentioned understanding that the original plan was to follow the highway, but MTO declined due to a proposed highway expansion project, despite no available plans. The member noted the absence of an MTO representative at the April 8th public meeting and questioned the setback requirements, citing existing fixtures and rock cuts near the road. They urged reconsideration of the rules and proposed expansion, suggesting the highway route as more economical and environmentally friendly, minimizing disruption and preserving private property used by residents.
2025-04-29 13:27	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public to address concerns about the Project routing. Hydro One acknowledged the significance of infrastructure crossing private land and committed to ongoing collaboration. Hydro One explained that the proposed routing results from a constraints analysis in the Environmental Assessment, considering factors like MTO setback requirements and other significant constraints. They detailed constraints related to river crossings, the area between the river and Murphy Road, and south of Murphy Road to the existing corridor. Hydro One mentioned working with their technical team to assess an alternative route through the property, with confirmation expected within a month. They assured that a representative would provide details on the potential route deviation and next steps. Hydro One expressed appreciation for the recipient's cooperation and understanding.
2025-08-03 17:05	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and noted they had emailed Hydro One previously regarding the Project to voice their concerns. The member of the public indicated that after their discussion with Hydro One and the Community Open House, the member of the public was under the impression that the change in routing was due to an MTO decision, and that they requested more information from the MTO. The member of the public indicated they received a detailed response and requested Hydro One's assistance in understanding why a route refinement resulting in the transmission line traversing their property was required. The member of the public provided MTO's response for Hydro One's review.
2025-08-11 13:49	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public and noted that they were following up in the interim as their colleague on the Project was away from the office, and added that there would be a delay in Hydro One's response.
2025-08-26 15:31	Email	Outgoing	Community Relations Inbox	Hydro One emailed a member of the public and thanked them for sharing the additional information the MTO provided regarding the Project context. Hydro One emphasized the importance that there is a clear understanding of the process that has been followed for the Project and how the various organizations contribute to the process. Hydro One provided an overview of the Project history including an overview of the Class EA for Transmission Facilities process. Hydro One stated that through the Class EA for Transmission Facilities process Hydro One became aware of several constraints for one of the route alternatives, including the MTO's plan for the future exchange planned at Murphy Road. Hydro One noted the proposed route alternatives would impede on setback requirements MTO holds for highway exchanges, and that these constraints resulted in this route alternative being refined. Hydro One acknowledged the challenges as an impacted landowner and thanked the member of the public for their patience.

Date/time	Type of communication	Origin	Staff members	Summary
2026-01-28 13:20	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed the Project contact list information about the draft ESR review/comment period.
2026-01-28 13:20	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed the Project contact list information about the draft ESR review/comment period.
2026-01-28 13:20	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed the Project contact list information about the draft ESR review/comment period.
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2026-01-28 13:20	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed the Project contact list information about the draft ESR review/comment period.
2026-01-28 13:20	Smart email	Outgoing	Community Relations Inbox	Hydro One emailed the Project contact list information about the draft ESR review/comment period.
2026-02-01 14:30	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and inquired about the anticipated construction start date, and whether there had been any updates to the route or construction timeline.
2026-02-03 16:05	Smart email	Outgoing	Community Relations Inbox	Hydro One Community Relations emailed the Notice of Completion of Draft ESR to members of the public.
2026-02-03 16:05	Smart email	Outgoing	Community Relations Inbox	Hydro One Community Relations emailed the Notice of Completion of Draft ESR to members of the public.
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2026-02-03 16:05	Smart email	Outgoing	Community Relations Inbox	Hydro One Community Relations emailed the Notice of Completion of Draft ESR to members of the public.
2026-02-03 16:09	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public in response to their inquiry and noted that the route displayed on the Project website's interactive map is up to date. Hydro One noted that the draft Environmental Study Report (ESR) will be posted on February 13, and provided the anticipated timing for the start of construction and in-service date for the line. Hydro One asked if the member of the public would like to be added to the contact list, and provided the Project Notice of Completion for the draft ESR.
2026-02-04 10:20	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and noted they were having trouble locating the draft ESR on the Project website. The member of the public requested a link to the report.
2026-02-04 11:22	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public and thanked them, confirming they have been added to the Project contact list.
2026-02-05 09:28	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public and clarified that the draft ESR would be posted to the Project website on February 13, 2026 and would be available for review until March 15, 2026. Hydro One offered to notify the member of the public via email when the draft ESR is posted.
2026-02-05 09:33	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public to provide a copy of the Project Notice of Completion for the release of the draft ESR and 30-day review period. Hydro One provided an overview of content that will be included in the draft ESR, indicated how to submit comments, and noted that the public review period is from February 13 to March 15, 2026. Hydro One provided a link to the Project webpage and indicated that physical copies would be available at the Chalk River Library and Petawawa Public Library.
2026-02-05 10:00	Phone	Outgoing	Shelly Reed	Hydro One called a member of the public to provide a Project update, member of the public noted they moved and would like to be removed from the distribution list.
2026-02-05 10:15	Phone	Outgoing	Shelly Reed	Hydro One called a member of the public and provided a brief Project update and their contact information in case the member of the public had more questions.
2026-02-05 20:39	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and requested that Hydro One explain the Project in simple terms. The member of the public also suggested that moving forward, notices should be written in a way that assumes people have no previous knowledge of the Project.

Date/time	Type of communication	Origin	Staff members	Summary
2026-02-06 18:49	Email	Incoming	Community Relations Inbox	A member of the public emailed Hydro One and thanked them for the quick response.
2026-02-09 10:37	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public in response to their request for a plain language summary. Hydro One provided an overview of the Project and provided a link to the Project website, noting that there is an interactive map that showcases the proposed route. Hydro One provided a description of how the Proposed route was selected, and the categories used for the evaluation. Hydro One indicated that the draft ESR would be posted to the Project website for a 30-day public review from February 13 to March 15, 2026 and described the process for responding to comments and feedback, as well as finalizing the ESR.
2026-02-11 10:30	Phone	Outgoing	Community Relations Inbox	Hydro One returned the call of a member of the public and left a voice mail message confirming that the Preferred Route would not extend past the existing line and that the relocated line will connect to the existing line south of Black Bay Road. Hydro One indicated the member of the public could visit the interactive map of the Project website.
2026-03-19 00:00	Email	Incoming	Shelly Reed	A member of the public emailed Hydro One and thanked them, the member of the public requested to be added to the Project contact list.
2026-05-11 20:33	Email	Incoming	Shelly Reed	A member of the public emailed Hydro One and inquired if there were any updates on the Project. The member of the public indicated they noticed some survey work completed adjacent to their property and that, at the community open house hosted in March 2026, a Hydro One representative informed them that the tree clearing would begin 100 feet from their property line, measured perpendicularly and requested confirmation if that was still the case.
2026-05-13 08:35	Email	Outgoing	Shelly Reed	Hydro One emailed a member of the public and indicated they were preparing to submit the Section 92 application to the Ontario Energy Board for approval to begin construction, noting Hydro One expected to hear from them later in the year. Hydro One confirmed the information the member of the public had was correct regarding the tree clearing planned adjacent to the member of the public's property.
2026-05-13 15:53	Email	Incoming	Shelly Reed	A member of the public emailed Hydro One noting they had been helpful and thanked them.

Appendix B

B-1: Cultural Heritage Report

hydro one

ORIGINAL REPORT

Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment

Petawawa D6 Transmission Line Relocation

Prepared For

Hydro One Network Inc.
Care of
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August 6, 2026
Drafts Submitted May 19, February 11, 2026; November 10 and 12, 2025

Submitted By

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Report: MH1425-REP.01 R4

Executive Summary

Matrix Heritage, on behalf of Hydro One Networks Inc. (HONI) care of Dillon Consulting Limited (Dillon), undertook a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (Cultural Heritage Report) of a proposed transmission line, crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County. This Cultural Heritage Report is in support of HONI's proposed D6 Transmission Line Relocation Project (the project). The project involves the installation of a new single-circuit 115 kV wood or composite pole transmission line corridor, including associated infrastructure (e.g., towers, access roads) to relocate approximately 25 km of an existing transmission line between Chalk River Junction in the Township of Laurentian Hills and the Petawawa Junction in the Town of Petawawa. The project is subject to a Class Environmental Assessment (Class EA) for Transmission Facilities (Hydro One, 2024).

The objective of the report is to identify any known or potential cultural heritage resources in the categories of built heritage resources and cultural heritage landscapes within the study area. Archaeological resources are beyond the scope of this report and are addressed separately in the Stage 1 Archaeology Report. The study area is the full extent of the proposed work (project area), as well as the immediately adjacent properties on either side of the corridor within 200 m of the project area, a limit based on sightlines from/to the project area (Map 1, Map 2).

This Cultural Heritage Report has found:

Built Heritage Resources

No known built heritage resources have been identified in the study area.

No potential built heritage resources have been identified within the federal portion of the study area.

There are two (2) properties in the study area with buildings that appear to be older than 40 years of age. These properties are within the municipal context (Map 2). The properties are:

- CHR-1: A barn and possible house or outbuilding off Rantz Road, Property Parcel 477907801507500, estimated to have been built in the late 1800s
- 1017 Black Bay Road, a residential property, constructed after 1972, estimated 1970s.

This report concludes that 1017 Black Bay Road should not be reviewed further through an individual CHER or HIA because it is an example of a mass-produced residential bungalow, with no outstanding features.

CHR-1, the barn and adjacent building at Property Parcel 477907801507500 on Rantz Road are unlikely to meet the two or more criteria of O.Reg. 9/06 required for designation under Part IV of the Ontario Heritage Act. These buildings do, however, have some potential for CHVI. The barn and adjacent building of CHR-1 are outside of the proposed project footprint and 200 m buffer on each side of that footprint delineating the study area, and outside the anticipated vibration zone of influence (anticipated to be 50 m or less). Visual impacts of the proposed transmission line on the buildings are not of concern due to the loss of the barn's original context. The surrounding landscape has been manipulated for aggregate or mineral extraction. As the identified buildings are outside of the vibration zone of influence and no other direct or indirect impacts are anticipated, no further reporting is required at this time.

Cultural Heritage Landscapes

No cultural heritage landscapes have been identified within the study area.

Project Personnel

Heritage Study Personnel

Lead	Natalie Anderson Rathwell, MA, CAHP Senior Architectural Historian and Heritage Consultant
Research Assistance	Giulia Santocono, MArch Junior Heritage Consultant
Mapping & GIS	Jeff Dillane, MA, APA Archaeological Operations Manager and GIS Specialist
	Em Miller, BA GIS Technician
	Matrix Heritage Inc. 6131 Perth Street, Richmond Ontario K0A 2Z0 (613) 807-2071 info@matrixheritage.ca
Client Representative	Alissa Lee Dillon Consulting Limited 560 Rochester St, Suite 500 Ottawa, Ontario, K1S 5K2 alee@dillon.ca
Property Information	Part Lots 8 and 9, Concession 8, Geographic Township of Buchanan, now the Town of Deep River, Renfrew County; Part Lot 11, Concession 1; Part Lots 10 and 11, Concession 2; Part Lot 10, Concession 3; Part Lot 10, Concession 4; Part Lots 9 and 10, Concession 5; Part Lot 9, Concession 6; and Part Lot 8, Concession 7, in the Geographic Township of Buchanan, now the Town of Laurentian Hills, Renfrew County; and Part Lot 13, Concession 5; Part Lot 13, Concession 6; Part Lots 13, 14, and 15, Concession 7; Part Lots 14 and 15, Concession 8; Part Lots 14 and 15, Concession 9; Part Lot 15, Concession 10; Part Lot 15, Concession 11; Part Lots 14 and 15, Concession 12, Part Lot 14, Concession 13; Part Lots 13 and 14, Concession 14; Part Lots 12 and 13, Concession 15; Part Lots 11, 12, and 13, Concession 16, and Part Lots 26, 27, and 28, Range A, in the Geographic Township of Petawawa, now the Town of Petawawa, Renfrew County

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1.0 Introduction

1.1 Purpose of the Report

Matrix Heritage, on behalf of Hydro One Networks Inc. (HONI) care of Dillon Consulting Limited (Dillon), undertook a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment[1] (Cultural Heritage Report) of a proposed transmission line, crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1, Map 2). This Cultural Heritage Report is in support of HONI's proposed D6 Transmission Line Relocation Project (the project). The project involves the installation of a new single-circuit 115 kV wood or composite pole transmission line corridor, including associated infrastructure (e.g., towers, access roads) to relocate approximately 25 km of an existing transmission line between Chalk River Junction in the Township of Laurentian Hills and the Petawawa Junction in the Town of Petawawa. The project is subject to a Class Environmental Assessment (Class EA) for Transmission Facilities (Hydro One, 2024).

As per the Class EA for transmission facilities, HONI is responsible for addressing impacts from undertakings on the cultural heritage value of cultural heritage resources that could be affected by a project. The first step is to determine whether cultural heritage resources of cultural heritage value or interest (CHVI) might be affected. Cultural heritage resources (CHRs) include archaeological resources, built heritage resources and cultural heritage landscapes. Archaeology is subject to separate requirements and is outside the scope of the Cultural Heritage Report which addresses Built Heritage Resources (BHRs) and Cultural Heritage Landscapes (CHLs)

The purpose of the Cultural Heritage Report is to:

- Identify existing baseline cultural heritage conditions within the study area, including a summary of the history of the study area, an inventory of all known (previously identified/recognized) or potential BHRs and CHLs within the study area; and,
- Complete a preliminary impact assessment of BHRs and CHLs with proposed mitigation measures for identified potential adverse impacts.

The Cultural Heritage Report evaluates properties within the study area by considering evidence and opinions regarding their potential for cultural heritage value or interest. The Cultural Heritage Report identifies properties in their respective categories that have been previously identified as exhibiting cultural heritage value or interest through designation under the Ontario Heritage Act, by being listed on the heritage register for the municipality, property included in an area designated as a heritage conservation district, property subject to a heritage conservation easement or covenant, property identified as having cultural heritage value or interest under the Standards and Guidelines for the Conservation of Provincial Heritage Properties, property protected under federal heritage legislation, and UNESCO Heritage Sites, or that on field review, have the potential for cultural heritage value or interest.

[1] Please note, this report was originally titled as a Cultural Heritage Screening. The report type has been updated in response to comments from the Ministry of Citizenship and Multiculturalism.

1.2 Study Area

- Location Plan of the Study Area: **Map 1**
- Aerial Mapping of the Study Area: **Map 2**

The study area is the full extent of the proposed work (project area), a 30 m corridor, as well as the immediately adjacent properties within 200 m from either side of the 30 m corridor, for a total study area width of 430 m, a limit based on sightlines from/to the project area (Map 1, Map 2).

Moving north to south, the study area for this Cultural Heritage Report follows the project area of the hydro corridor from an area east of the Town of Chalk River, south-east of the Canadian Nuclear Laboratories, to the south side of Black Bay Rd, Petawawa, between Eichstaedt Rd and Summers Road. As noted above, this limit was selected to thoroughly capture sightlines from/to the study area to account for any potential visual impacts on cultural heritage resources, in addition to other direct impact types. The majority of the study area falls within the boundaries of Canadian Forces Base (CFB) Petawawa (see Map 1). Study areas for understanding cultural heritage impacts, as related to roadways or corridors, include all properties that have the potential to be impacted during all stages of construction and use, and address both sides of the road or corridor.

2.0 Approach and Methodology

The objective of the Cultural Heritage Report is to identify known and potential Cultural Heritage Resources (CHRs), including specifically, built heritage resources (BHRs) and cultural heritage landscapes (CHLs) within the study area, or that have the potential to be impacted by the proposed scope of work, to understand the potential impacts of the Project on these resources, and propose mitigation strategies to minimize these impacts. Archaeological Resources are outside the scope of this report and are subject to separate requirements.

To meet these objectives the Cultural Heritage Report will:

- Summarize the historic context of the study area (see section 4.2)
- Identify existing baseline conditions within the study area, from a cultural heritage perspective, following a Site Visit of the study area (see sections 2.1.1 and 4.0).
- Complete the Cultural Heritage Checklist: Criteria for Evaluating Potential for Built Heritage and Cultural Heritage Landscapes (Ministry of Heritage, Sport, Tourism, and Culture Industries, now Ministry of Citizenship and Multiculturalism, 2019) (See Appendix A).
- Provide an inventory of known (previously identified/recognized), and potential BHRs and CHLs in the study area (see section 4.3 and Table 4).
- Complete a preliminary impact assessment of BHRs/CHLs, assessing general, positive, and negative impacts to their heritage attributes, with proposed measures to mitigate potential negative impacts (see section 6.0 and Table 5).

For cultural heritage, the first step for the Class Environmental Assessment for Transmission Facilities is to complete a screening checklist evaluating whether there are known or potential cultural heritage resources in the categories of built heritage resources and cultural heritage landscapes present in the study area. If the checklist, and research, site visit, and professional

knowledge, confirms that potential built heritage resources and cultural heritage landscapes are present and may be impacted by the project, each resource may require a Cultural Heritage Evaluation Report (CHER) by a qualified person to determine whether these resources meet the criteria under O.Reg. 9/06 and 10/06. Those resources, and any previously identified may then be the subject of a Heritage Impact Assessment (HIA) of the proposed undertaking.

The completed checklist *Criteria For Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes*[2] is attached here as Appendix A. Information for the checklist was drawn from heritage inventories (the Ontario Heritage Trust, and the Canadian Register of Historic Places), a desktop survey of the study area's history and heritage, correspondence with the Ministry of Citizenship and Multiculturalism on the location of any Provincial Heritage Properties (PHPs) or Provincial Heritage Properties of Provincial Significance (PHPPS), a site visit, and the professional judgement of the senior consultant. Heritage registers for the Town of Petawawa, Town of Laurentian Hills, and Town of Deep River, were requested. No heritage registers were available.

2.1.1 Site Visit

A site visit was conducted by the consultant, Natalie Anderson Rathwell, MA, CAHP, Senior Architectural Historian for Matrix Heritage, on November 4, 2025. The site visit included viewing the project area and wider study area from all intersecting and parallel roadways within the municipal context, both from a vehicle and on foot (see 8.0 Figures). The federal potions of the study area adjacent to Highway 17 were surveyed from a vehicle. Any properties with buildings or structures over 40 years old, and/or with potential for cultural heritage value or interest were photographed, and the relationship of the project area to the identified buildings and landscapes within the study area assessed.

2.1.2 Study Personnel

This Cultural Heritage Report is authored by Natalie Anderson Rathwell (the consultant). Mrs. Anderson Rathwell is a Senior Architectural Historian and Heritage Consultant for Matrix Heritage, a heritage consulting and archaeological firm based in Ottawa, Ontario. She holds a BA and MA in Art History (including architectural history) from Carleton University and completed doctoral level research in nineteenth and early twentieth-century Canadian architecture at York University. Her experience includes cultural heritage evaluation reports, heritage impact assessments, histories, cultural landscape studies, and other professional advice and reporting for private and public sector clients at the municipal, provincial, and federal level. She is a member, and current board member of the Society for the Study of Architecture in Canada, and a Professional Member of the Canadian Association of Heritage Professionals.
Giulia Santocono, MArch, Junior Architectural Historian and Heritage Consultant for Matrix Heritage assisted with research.

Mapping was completed by Jeff Dillane, MA, APA, Archaeological Operations Manager and GIS Specialist, and Em Miller, BA, GIS Technician for Matrix Heritage.

[2] Ontario Ministry of Heritage, Sport, Tourism and Culture Industries (now Ministry of Citizenship and Multiculturalism), 2016, *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, A Checklist for the Non-Specialist.* Online at: https://forms.mgcs.gov.on.ca/dataset/30990b3f-c2f7-451e-90f9-10bef98ea9e2/resource/992f3844-62a5-4091-9e08-ce406dc57850/download/0500e.pdf.

3.0 Legislation and Policy Context

3.1 Environmental Assessment Act

The purpose of the Environmental Assessment Act (1990) as stated in Part I, Section 2 of the Act is "the betterment of the people of the whole or any part of Ontario by providing for the protection, conservation and wise management, in Ontario, of the environment." The environment is defined as:

> (a) air, land or water,
>
> (b) plant and animal life, including human life,
>
> (c) the social, economic and cultural conditions that influence the life of humans or a community,
>
> (d) any building, structure, machine or other device or thing made by humans,
>
> (e) any solid, liquid, gas, odour, heat, sound, vibration or radiation resulting directly or indirectly from human activities, or
>
> (f) any part or combination of the foregoing and the interrelationships between any two or more of them

The Environmental Assessment Act and outlines a planning and decision-making process to ensure that potential environmental effects are considered before a project begins. This legislation applies to provincial ministries and agencies, municipalities and other public bodies.

3.2 Ontario Heritage Act

The Ontario Heritage Act[3] (OHA) gives municipal and provincial authorities powers to identify and conserve individual properties and districts of cultural heritage value or interest.

3.2.1 Part IV

Part IV of the OHA pertains to the conservation of individual properties. Section 27 pertains to the establishment and maintenance of a municipal heritage register. Properties listed on the heritage register include properties fully designated under Part IV, Section 29 of the OHA, and non-designated properties, often referred to as "listed" properties, under Section 27, where the council of the municipality believes the property to be of cultural heritage value or interest, and the property meets the prescribed criteria.

3.2.1.1 O.Reg. 9/06

The *Criteria for Determining Cultural Heritage Value or Interest* for properties designated or listed under Part IV of the OHA are Ontario Regulation 9/06 (O.Reg. 9/06). A property may be listed on the heritage register if it meets one or more of the following criteria, and may be fully designated

[3] The Ontario Heritage Act is available online at https://www.ontario.ca/laws/statute/90o18 - BK32.

with an individual by-law under Part IV, Section 29 of the OHA if it meets two or more of the following criteria:

1. The property has design value or physical value because it is a rare, unique, representative or early example of a style, type, expression, material or construction method.
2. The property has design value or physical value because it displays a high degree of craftsmanship or artistic merit.
3. The property has design value or physical value because it demonstrates a high degree of technical or scientific achievement.
4. The property has historical value or associative value because it has direct associations with a theme, event, belief, person, activity, organization or institution that is significant to a community.
5. The property has historical value or associative value because it yields, or has the potential to yield, information that contributes to an understanding of a community or culture.
6. The property has historical value or associative value because it demonstrates or reflects the work or ideas of an architect, artist, builder, designer or theorist who is significant to a community.
7. The property has contextual value because it is important in defining, maintaining or supporting the character of an area.
8. The property has contextual value because it is physically, functionally, visually or historically linked to its surroundings.
9. The property has contextual value because it is a landmark.

3.2.2 Part V

Part V of the OHA pertains to Heritage Conservation Districts.

3.2.2.1 O.Reg. 10/06

O.Reg. 10/06 provides the *Criteria for Determining Cultural Heritage Value or Interest of Provincial Significance*.

3.3 Standards and Guidelines for the Conservation of Provincial Heritage Properties

Under the *Standards and Guidelines for the Conservation of Provincial Heritage Properties* (2010) the following responsibilities are included:

Deputy Ministers of ministries and Executive Leads of prescribed public bodies

a. Develop and implement a cultural heritage conservation policy and procedure(s) to identify and manage *provincial heritage properties* consistent with these Standards and Guidelines.
b. Establish heritage conservation objectives and plans for management of the ministry's or prescribed public body's *provincial heritage properties* consistent with these Standards and Guidelines.
c. Record the ministry's or prescribed public body's *provincial heritage properties* on the list maintained by the Ministry of Heritage, Sport, Tourism and Culture Industries.

d. Make strategic plans and decisions that conform to their cultural heritage conservation policies and objectives.

e. Include measures for conserving the ministry's or prescribed public body's *provincial heritage properties* as an integral part of overall business planning, decision-making and resource requests to Treasury Board.

f. Ensure that the Ministry of Heritage, Sport, Tourism and Culture Industries is consulted and its approval is obtained for:

    i. the process for evaluating *provincial heritage properties*; and

    ii. *Strategic Conservation Plans* for *provincial heritage properties of provincial significance*

g. Ensure that the Minister of Heritage, Sport, Tourism and Culture Industries is consulted and the Minister's consent is obtained for the demolition, removal, or transfer from provincial control of *provincial heritage property of provincial significance*.

h. Ensure that staff responsible for giving advice, making decisions, and undertaking activities that may affect *provincial heritage properties* are aware of and adhere to these Standards and Guidelines and any other approved cultural heritage conservation policies and procedures.

i. Report on progress in implementation of their heritage policies, plans and procedures.

3.4 Provincial Planning Statement

The Provincial Planning Statement, 2024 (PPS), "provides policy direction on matters of provincial interest related to land use planning and development." Section 4.6 pertains to Cultural Heritage and Archaeology and provides the following policies:

1. *Protected heritage property*, which may contain *built heritage resources* or *cultural heritage landscapes*, shall be *conserved*.

2. Planning authorities shall not permit *development* and *site alteration* on lands containing *archaeological resources* or *areas of archaeological potential* unless the *significant archaeological resources* have been *conserved*.

3. Planning authorities shall not permit *development* and *site alteration* on *adjacent lands* to *protected heritage property* unless the *heritage attributes* of the *protected heritage property* will be *conserved*.

4. Planning authorities are encouraged to develop and implement:

    a) archaeological management plans for conserving *archaeological resources*; and
    b) proactive strategies for conserving *significant built heritage resources* and *cultural heritage landscapes*.

5. Planning authorities shall engage early with Indigenous communities and ensure their interests are considered when identifying, protecting and managing *archaeological resources*, *built heritage resources* and *cultural heritage landscapes*.

Section 6.2 of the PPS explains that a "coordinated, integrated and comprehensive approach should be used when dealing with planning matters," including the management of CHRs.

The PPS provides the following definitions:

> **Built heritage resource:** means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property's cultural heritage value or interest as identified by a community, including an Indigenous community.
>
> **Cultural heritage landscape:** means a defined geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association.
>
> **Conserved:** means the identification, protection, management and use of *built heritage resources*, *cultural heritage landscapes* and *archaeological resources* in a manner that ensures their cultural heritage value or interest is retained. This may be achieved by the implementation of recommendations set out in a conservation plan, archaeological assessment, and/or heritage impact assessment that has been approved, accepted or adopted by the relevant planning authority and/or decision-maker. Mitigative measures and/or alternative development approaches should be included in these plans and assessments.

3.5 Official Plan for the County of Renfrew

From Section 2.2.6.2 of the Official Plan of Renfrew County:

> (2) Built Heritage and Cultural Landscape Resources
>
> Council recognizes the importance of cultural heritage resources within the municipality. Therefore, Council will encourage the identification, conservation, protection, restoration, maintenance and enhancement of cultural heritage resources. All new development permitted by the land use policies and designations of this Plan shall strive to conserve cultural heritage resource and incorporate them into development plans. In addition, all new development will be planned in a manner which preserves and enhances the context in which cultural heritage resources are situated.

(a) Designation

Pursuant to the Ontario Heritage Act, and in consultation with the Municipal Heritage Committee, Council may, by by-law:

i. designate properties to be of cultural heritage value or interest
ii. define the municipality, or any area or areas within the municipality as an area to be examined for designation as a heritage conservation district; and
iii. designate the municipality, or any area or areas within the municipality, as a heritage conservation district.

(b) Municipal Heritage Committees (MHC)

Pursuant to Section 28 of the Ontario Heritage Act, a municipality may establish a Municipal Heritage Committee (MHC) to advise and assist local council on matters related to Parts IV and V of the Act. Council may expand the role of the Municipal

Heritage Committee to advise and assist Council on other matters of cultural heritage conservation.

(c) Municipal Register

In accordance with Section 27 of the Ontario Heritage Act, the municipal clerk shall maintain a register of all property designated under Part IV and Part V of the Ontario Heritage Act. This register may also contain properties that have heritage conservation easements placed upon them and properties that are not designated, but which are considered by Council to be of cultural heritage value or interest.

(d) Municipal Initiative

Council shall conserve cultural heritage resources by:

i. conserving heritage buildings, cultural heritage landscapes and archaeological resources that are under municipal ownership and/or stewardship;
ii. conserving and mitigating impacts to all significant cultural heritage resources when undertaking public works;
iii. respecting the heritage designations and other heritage conservation efforts by area municipalities; and
iv. respecting the heritage resources recognized or designated by federal and provincial agencies;

(e) Demolition Control for Built Heritage Resources

Council shall ensure that it has accurate and adequate architectural, structural and economic information to determine the feasibility of rehabilitation and reuse versus demolition when considering demolition applications of designated heritage properties.

(f) Heritage Impact Assessments

Council will require the preparation of a conservation plan or a heritage impact assessment to be conducted by a qualified professional whenever a development has the potential to affect a protected heritage property/ cultural heritage resource.

(g) Accessibility and Heritage Conservation

In attaining its goal for establishing a barrier-free environment, municipalities shall endeavour to provide access solutions in a manner that respects the cultural heritage value or interest of a protected property. Council recognizes that standardized designs may not always suffice and that each heritage property will require unique accessibility plans to ensure that alterations do not adversely affect the heritage attributes. Council encourages this practice for privately-owned heritage buildings that are open to and used by the public.

(h) Waste Reduction/ Adaptive Re-use

Council shall support the reduction of waste from construction debris as a result of the demolition of buildings by promoting and encouraging the adaptive reuse of older and existing building stock.

(i) Energy Efficiency and Heritage Conservation

Retrofits for achieving energy efficiency will only be undertaken in a heritage building where it is demonstrated that retrofitting can be accomplished without compromising the heritage integrity of the building.

3.6 Official Plan for the Town of Petawawa

Relevant excerpts from section **3.6 Cultural Heritage and Archaeological Resources:**

Cultural heritage resources include buildings, structures, monuments, and installations that contribute to a property's cultural heritage value or interest. The Town recognizes the importance of cultural heritage resources. **At the time of preparation of this Official Plan update, there are no Ontario Heritage Act designated properties within the Town**. These policies may be applied in future. There may be significant archaeological remains of prehistoric and historic habitation within the Town.

1. The Town will:

(a) Ensure significant built heritage resources and significant cultural heritage landscapes shall be conserved. A built heritage resource means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property's cultural heritage value or interest as identified by a community, including an Indigenous community. Built heritage resources are located on property that may be designated under Parts IV or V of the Ontario Heritage Act, or that may be included on local, provincial, federal and/or international registers. A cultural heritage landscape is defined as a geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association. Cultural heritage landscapes may be properties that have been determined to have cultural heritage value or interest under the Ontario Heritage Act, or have been included on federal and/or international registers, and/or protected through official plan, zoning by-law, or other land use planning mechanisms.

(b) …

(c) Utilize the provisions of the Ontario Heritage Act to conserve, protect and enhance resources of cultural heritage interest or value in the Town though the designation, by by-law, of individual properties, including structures or heritage conservation districts;

(d) …

(e) …

(f) …

(g) The Algonquins of Ontario shall be notified, through the Algonquins of Ontario Consultation Office, if any artifacts of aboriginal interest or human remains are encountered during development.

(h) In cases, where development or site alteration is proposed that may impact a significant cultural heritage resource, or on a property adjacent to or fronting a protected heritage property, the Town shall require an applicant to undertake a Heritage Impact Assessment (HIA). The HIA shall be conducted by a qualified professional with expertise in the conservation of cultural heritage resources to:

(i) Identify the positive and adverse impacts on the cultural heritage resource that may be expected to occur as a result of the proposed development;

(ii) Describe alternative development approaches, mitigation measures, and conservation methods that may be required to prevent, minimize or mitigate the adverse impacts;

(iii) Require, where a property has not previously been evaluated, a Cultural Heritage Evaluation Report to be completed prior to a HIA; and,

(iv) Engage with Indigenous communities and consider their interests when identifying, protecting and managing cultural heritage resources.

4.0 Existing Conditions

4.1 Development Context

The study area comprises the project area of HONI's approximately 21 km proposed transmission line from Chalk River to Petawawa and adjacent property parcels within 200m of the project area. The study area includes various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County. (See 8.0 Figures and 9.0 Maps and Plans).

The majority of the study area approximately follows the line of Highway 17. The study area north of the Town of Petawawa and the Petawawa River is within the boundaries of CFB Petawawa. CFB Petawawa was established in 1905 as a military training reserve for the Department of Militia and Defence. These federally administered lands have remained in continuous defence use for over a century, influencing regional land use patterns and limiting civilian development around the base. Further north, the Chalk River Laboratories, founded in 1944 for nuclear research represent another significant federal property within the upper Ottawa Valley. Heritage resources within such lands are governed by federal heritage policy rather than the *Ontario Heritage Act*, notably the *Standards and Guidelines for the Conservation of Historic Places in Canada.*[4] The federal portion of the study area is primarily forested, including large areas of planted red pines, with some areas of wetland, intersecting waterways, and access roads.

[4] Parks Canada, Standards and Guidelines for the Conservation of Historic Places in Canada, 2nd Edition, 2010.

In the municipal portion of the study area, the proposed transmission line will cross the Petawawa River to the west of Highway 17. The line will then cross Rantz Road and turn south-west, before proceeding approximately south-south-east, crossing Murphy Road and Black Bay Road.

Rantz Road is comprised of rural residential properties. Properties on the north side of Rantz Road back onto the Percy Lake portion of the Petawawa River. Properties on the south side of Rantz Road include residential properties, areas that appear to have been formerly used for aggregate or mineral extraction, and forest (Figure 1 - Figure 19). Most of the homes along the south side of Rantz Road are less than 20 years old, including some ongoing development. There is one barn and what appears to be a wood clad house in dilapidated condition in the woods opposite 268 Rantz Road, estimated to be from the late 1800s.

Murphy Road is primarily forested (Figure 20 - Figure 22). A small cluster of residential properties to the west of the intersection of Murphy Road and Rantz Road includes houses less than 25 years old.

Black Bay Road, between the intersection of Summers Road, and Eichstaedt Road includes residential properties, forest, wetland, and farmland. The project area crosses a wetland on the north side of Black Bay Road, before passing to the west of a residence constructed within the last two years, based on Google Streetview mapping. There is one residential property estimated to be over 40 years old on the south side of Black Bay Road within the study area (Figure 24). The proposed transmission line will meet an existing hydro corridor on the south side of Black Bay Road.

4.2 History of the Study Area

A full account of the history of the study area, including a more detailed account of the Anishinabe Algonquin history is found in the *Archaeological Overview Assessment*, and *Stage 1 Archaeological Assessment* (Matrix Heritage, 2026) of the study area. The following is a summary of the information contained in those reports.

4.2.1 Anishinabe Algonquin Territory

Archaeological information suggests that ancestral Anishinabe Algonquin people lived in the region for at least 8,000 years before the Europeans arrived in North America. This traditional territory is generally considered to encompass the Ottawa Valley on both sides of the river, in Ontario and Quebec, from the Rideau Lakes to the headwaters of the Ottawa River.

Anishinabe Algonquin people continue to live in the wider Ottawa Valley and there are still many speakers of several Algonquian dialects. Outside of the officially recognized bands there are an unspecified number of people of Anishinabe Algonquin decent throughout the Ottawa Valley unaffiliated with any reserve. Today there are ten Anishinabe Algonquin communities that comprise the Algonquins of Ontario: The Algonquins of Pikwakanagan First Nation, Antoine, Kijicho Manito Madagouskarini, Bonnechere, Greater Golden Lake, Mattawa/North Bay, Ottawa, Shabot Obaadjiwan, Snimikobi, and Whitney and area.

4.2.2 Euro-Canadian Colonial History

Renfrew County

The area that is now Renfrew County was originally part of the Johnstown District, which was formed in 1798 when the new Parliament of Upper Canada subdivided the territory of the Eastern District. In 1822, the Johnstown District territory was reduced with the creation of the Bathurst District, the

northernmost portion of the former district. The Bathurst district contained Carleton County. In 1824, Lanark County was created from part of Carleton County, which originally comprised ten townships and the remainder of unsurveyed lands within the Bathurst District including what would become Renfrew County. In 1838, Carleton County was withdrawn to create the Dalhousie District, and the Bathurst District was reorganized. Renfrew County was removed from the remaining portion of Lanark County, but the two remained united for electoral purposes. Renfrew county originally contained six townships including McNab, and by 1845 all ten townships within the county had been surveyed. In 1850, the Bathurst District was abolished, and the "United Counties of Lanark and Renfrew" replaced it for municipal and judicial purposes. The United Counties were dissolved in 1866.[5]

The Upper Ottawa Valley was an area rich in natural resources and Europeans were drawn there initially to exploit its vast timber supplies. Accessibility to this area was through the Ottawa and Madawaska Rivers and one of the earliest lumber firms to cut timber in what would later become McNab Township in Renfrew County were the McConnell Brothers of Hull. As early as 1812 this firm cut squared timber in the area seasonally and soon “the banks of the Madawaska were denuded of their choicest timber before the advent upon the scene of the pioneer settler”.[6]

Temporary lumber camps began to dot the landscape and the transient workforce that worked them were fed by squatters who would clear and farm the lands near them. The earliest European squatters of the township settled on government land with the intention to acquire legal title before the township was surveyed in early 1824.

Geographic Township of Buchanan

The Geographic Township of Buchanan was opened for European settlement in 1857.[7] It is unclear who the township was named for, but local history provides two possibilities. One option as the township namesake is George Buchanan who was an Arnprior industrialist who was struck during a timber drive and drowned in Chats Lake in 1837.[8] A more likely candidate was the Honourable Isaac Buchanan who served as a member of the Legislative Assembly of Canada and was a distinguished merchant in Upper Canada, a co-founder of the Great Western Railway, and heavily supported the development of provincial roads.[9] Buchanan Township, like its neighbouring townships, experienced its boom during the active timber and lumber days of the mid 19th century. In 2000, Buchanan amalgamated with the neighbouring townships of Rolph, Wylie, and McKay, and the village of Chalk River to form the current municipality of the Town of Laurentian Hills.

Geographic Township of Petawawa

The Geographic Township of Petawawa is said to have been named after an elderly Indigenous woman who lived on the banks of the Ottawa River.[10] However, it has been claimed that the word Petawawa comes from the Algonquin word *biidaawewe* meaning “where one hears a noise like

[5] W. E. Smallfield and Rev. Robert Campbell, *The Story of Renfrew, From the Coming of the First Settlers about 1820 to 1928* (Boston, Ma.: Pinkham Press, 1914), 191.
[6] Belden & Co., *Renfrew Supplement in Illustrated Atlas of the Dominion of Canada* (Toronto, ON., 1881), 51.
[7] RBWM Historical Society, “The Former Townships,” *Schoolhouse Museum*, 2020, https://schoolhousemuseum.wordpress.com/2020/08/08/the-former-townships/.
[8] RBWM Historical Society, 2020.
[9] RBWM Historical Society, 2020.
[10] Len Hopkins, “Highlights in the Settlement History of Renfrew County,” *Ottawa River Community Heritage*. Accessed Jan 2026. https://ottawariver.org/pdf/31-ch5-3.pdf.

this".[11] Early European visitors to the area included Samuel de Champlain on his journey in 1613 and later by early French fur traders who used the trails along the Petawawa River as part of their trade route. Following these early journeys, the Hudson Bay Company designated the area as a "strategic location" and established Fort William on the Quebec side of the Ottawa River opposite Petawawa in 1823.[12] The first survey of Petawawa township to open the area to European settlers was in 1857. These European settlers, who were initially Scottish and Irish followed by Germans in 1885, found that the land was not suitable for farming but provided seemingly endless supply of large pine for the timber and lumber trade. With the boom supplied by lumber, the population and infrastructure grew, and Petawawa was incorporated as a township in 1865.[13] In 1905, the federal government purchased lands from many of the early German and French settlers to create Camp Petawawa, which today is Canadian Forces Base Petawawa, one of the largest military bases in Canada. During the first and second world wars, the Petawawa base was used as an internment camp for German prisoners of war. In 1961, the urban area of Petawawa was incorporated into a separate village municipality. Over thirty years later, in 1997, the village and the township amalgamated to form the Town of Petawawa.

4.2.3 Study Area Specific History

The study area crosses multiple lots and concessions of both the Geographic Township of Buchanan (now the Town of Laurentian Hills and the Town of Deep River), and the Geographic Township of Petawawa (now the Town of Petawawa) within Renfrew County. Most of the overall study area falls within federal lands with only the southern portion south of the Petawawa River, two small additional sections further to the north, and Highway 17, falling within provincial lands. Historic mapping, while on such a scale that no or very few structures are shown, does depict the Petawawa and Chalk Rivers crossing the study area (Figure 30 - Figure 33). The wider area outside of the towns of Petawawa and Chalk River remains sparsely populated in 2026, consisting mostly of woods and intermittent farmland outside of the federal ordnance lands. As stated above, in 1905, the federal government purchased lands from many of the early German and French settlers to create Camp Petawawa, which today is Canadian Forces Base Petawawa, one of the largest military bases in Canada. Municipal properties adjacent to the study area along intersecting roads were primarily built in the 1970s and 2010s to 2020s. Properties over 40 years old within the study area are detailed in Table 3. Land Registry information is outlined below in Table 1 and Table 2, as per the Archaeological Overview Assessment and Stage 1 Archaeological Assessment (Matrix Heritage, 2026). References to the Ontario Ministry of Transportation, or Government of Ontario in Table 1 refer to provincial infrastructure which runs through CFB Petawawa.

Table 1. Land Registry Information – Federal Land within the Study Area

Geographic Township	Con	Lot	Land Registry Detail
Buchanan	1	11	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	2	10	Patented to James McCauley in 1905. Sold by McCauley to the Crown in 1906.

[11] Town of Petawawa, "Different Yet the Same," *Petawawa, Dynamic by Nature*. Accessed Feb. 2026. https://www.petawawa.ca/townhall/history/.

[12] Town of Petawawa, "Different Yet the Same," *Petawawa, Dynamic by Nature*. Accessed Feb. 2026. https://www.petawawa.ca/townhall/history/.

[13] Town of Petawawa, "Different Yet the Same," *Petawawa, Dynamic by Nature*. Accessed Feb. 2026. https://www.petawawa.ca/townhall/history/.

Geographic Township	Con	Lot	Land Registry Detail
	2	11	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	3	10	Patented to Alexander McDonald in 1883. Sold to Charles Coulter in 1884. Sold to William Thistle in 1887. Heirs of Thistle sold to the Crown in 1906.
	4	10	Patented to John Young in 1875. Heirs of Young to Oliver Young in 1903. Young sold to the Crown in 1908.
	5	9	**Eastern Half**: Patented to Thomas and William Murray in 1895. Heirs of William Murray sold to Oliver Young in 1903. Young sold to the Crown in 1908. **Western Half**: Vesting order in Council turning land over to the Government of the Province of Ontario in 1959.
	5	10	Part of a Reference plan in 1982. Crown lands.
	6	9	No land registry available
	7	8	No land registry available
	8	8	Patented to Richard Watson in 1903. Sold to William Springer in 1904. Sold to John Hollener in 1907. Sold to Charles Butt in 1907. Sold to the Crown in 1944.
	8	9	Patented to Wilhelm Jackman in 1912. Jackman's widow sold to Charles Koops in 1926. Granted to Bertha Koops in 1928. Granted to the Crown in 1944.
Petawawa	8	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	8	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	9	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	9	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	10	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	11	15	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	12	14	No land registry available
	12	15	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	13	14	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	14	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	14	14	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	15	12	No land registry available
	15	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	16	11	No land registry available
	16	12	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	16	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.

Geographic Township	Con	Lot	Land Registry Detail
	Range A	26	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	Range A	27	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	Range A	28	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.

Table 2. Land Registry Information – Provincial/Municipal Property within the Study Area

Geographic Township	Con	Lot	Land Registry Detail
Buchanan	4	10	Patented to John Young in 1875. Heirs of Young to Oliver Young in 1903. Young sold to the Crown in 1908.
Petawawa	5	13	**Western Half**: Patented to L. Houle in 1874. Sold to Peter Marion in 1880. Sold to Franz Wickerth in 1880. Wickwerth's will passed to August Wickwerth in 1935. Granted to Albert Silke in 1935. Silke family held a portion till at least the 1980s.
	6	13	Patented to August Savard in 1877. Sold to Mary Turgeon in 1884. Sold to William Gunter in 1884. Remains in the Gunter family until at least the 1960s.
	7	13	Patented to George Achison in 1896. Sold to John Switzer in 1897. Sold to William Rantz in 1928. Paul Rantz subdivided and sold multiple parcels in the 1950s and 1960s. Rantz family still owned a portion at least until the 1990s.
	7	14	Patented to Gabriel Minore in 1873. Deeded to George Atchison in 1886. Sold to John Switzer in 1897. Sold to William Rantz in 1900. Rantz family held a portion of the land at least until 1997.
	7	15	Patented to Emil Weber in 1892. Granted to Herman Weber in 1920. Granted to the Crown in 1972.
	8	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	9	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.

4.3 Identification of Known and Potential Built Heritage Resources or Cultural Heritage Landscapes

4.3.1 Known Built Heritage Resources or Cultural Heritage Landscapes

The study searched the Canadian Register of Historic Places. No Federal heritage properties were identified within the study area.

The study searched the online inventory of designated heritage properties maintained by the Ontario Heritage Trust.[14] No designated heritage properties are listed in the study area. The plaque database is not maintained, but no historic plaques were seen in the site visit.

Using the checklist of the Ontario Ministry of Citizenship and Multiculturalism (former Ministry of Heritage, Sport, Tourism and Culture Industries) *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes*, the Consultant used online inventories to confirm that there were no CHRs in the relevant categories of:

- Heritage properties designated fully (Provincial or Municipal) or registered only under Part IV of the Ontario Heritage Act;
- Heritage properties designated as a Heritage Conservation District under Part V of the Ontario Heritage Act;
- a National Historic Site (or part of);
- designated under the Heritage Railway Station Protection Act;
- identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office (FHBRO);
- located within a United Nations Education, Scientific and Cultural Organization (UNESCO) World Heritage Site.

See Appendix A.

4.3.1.1 Municipal Heritage Registers

Town of Deep River

Jackie Mellon, Clerk of the Town of Deep River was contacted by Giulia Santocono on October 15, 2025, for the Town's heritage register. The response received on October 16, 2025, was that "The Town of Deep River does not have a heritage register, list, or inventory of properties with cultural or historical significance."

Town of Laurentian Hills

Sherr Batten, CAO and Clerk for the Town of Laurentian Hills was contacted by Giulia Santocono on October 15, 2025, for the Town's heritage register. No response was received. A heritage register for the Town of Laurentian Hills is not available online, and no properties within the Laurentian Hills portion of the study area have been identified on the Ontario Heritage Trust Register or the Canadian Register of Historic Places.

Town of Petawawa

Melanie Scheer, RPP, MCIP, Director of Planning and Development for the Town of Petawawa was contacted by Giulia Santocono on October 15, 2025, for the Town's heritage register. The response received on October 17, 2025, was that, "The Town of Petawawa does not have any properties or buildings/structures that have been designated under the Ontario Heritage Act." The Petawawa

[14] Ontario Heritage Trust, "Ontario Heritage Act Register," online at www.heritagetrust.on.ca/pages/tools/ontario-heritage-act-register.

Heritage Village Museum includes several historic, but undesignated buildings, and one commemorative plaque in the place of a former school. Both locations are outside of the study area.

4.3.2 Previously Technical Cultural Heirtage Studies

No previous cultural heritage reports on the study area have been identified. Matrix Heritage has completed a Stage 1 Archaeological Assessment (P378-0120-2025) and Archaeological Overview Assessment of the study area in 2026. The Stage 1 Archaeological Assessment was submitted to the MCM on April 2, 2026 with a request for expedited review. A Stage 2 Archaeological Assessment (P378-0167-2026) is currently underway. Archaeological resources are outside the scope of this report.

4.3.3 Properties with Potential for Built Heritage Resources

No properties with potential for built heritage resources have been identified within the federal portion of the study area.

The municipal portion of the study area includes two (2) properties with buildings older than 40 years of age, as listed in the table below.

Table 3. Properties/Buildings in the Study Area identified as more than 40 years old.

Property Type	Town	Street Address/Property Parcel	Construction Era[15]	Figure
Agricultural /Residential	Petawawa	Barn and possible house off Rantz Road Property Parcel 477907801507500	Estimated late 1800s-early 1900s	Figure 9, Figure 10
Residential	Petawawa	1017 Black Bay Road	After 1972, Estimated 1970s	Figure 24

The barn and a second wood building, possibly a house, partially visible in the woods along the south side of Rantz Road are estimated to be from the late 1800s-early 1900s (CHR-1, see Table 4). The possible house, as well as various other small outbuildings including a mid-twentieth century cinderblock garage and small cabin, are in a dilapidated condition. The barn appears to be an example of typical 'English' style heavy timber barn construction.[16] The original context of the barn has been lost to later land disturbances to the site for mineral or aggregate extraction. Despite its estimated age, the barn and adjacent building are unlikely to meet two or more of the criteria for O.Reg. 9/06, particularly in the areas of design and contextual value. A search of the Ontario Heritage Trust Register under "Historical Functions>Food Supply> Barn, Stable or other animal housing" identifies only 38 protected heritage properties of this type across Ontario, despite the form's proliferation throughout the province. As a common building typology, barns are found throughout Ontario. Considering the form's widespread proliferation across the province, the subject property does not demonstrate rarity of uniqueness as an example of this building type. Due to the

[15] Approximate construction dates have been determined based on stylistic and mapping evidence from both Google Streetview and the collection of the National Air Photo Library.

[16] John I. Rempel, "Barns," *Building with Wood, and other nineteenth-century building in central Canada.* Revised Edition (Toronto: University of Toronto Press, 1980), 202.

estimated age of the barn and adjacent building, however, it does have some potential for cultural heritage value or interest.

The residential property 1017 Black Bay Road is an example of mass-produced vernacular architecture of the mid twentieth century.

4.3.3.1 Properties with Potential for Cultural Heritage Landscapes

No properties within the study area have been identified as potential cultural heritage landscapes.

CHR-1, the land of property parcel 477907801507500, which includes the barn and possible house estimated to date to the late 1800s-early 1900s, has been disturbed by industry and later residential development. The property is unlikely to show evidence of the original land use, land patterns, or circulation, and does not have potential as a cultural heritage landscape.

4.3.3.2 Properties with Potential for Built Heritage Resources near the Study Area

Two (2) properties on Black Bay Road, outside of but in relatively close proximity to the study area, exhibit potential for cultural heritage resources and should be avoided in the event of any changes to the alignment of the proposed route of the transmission line. These are:

- 895 Black Bay Road, a log house and outbuildings (approximately 550 m to the southeast of the study area).
- 1205 Black Bay Road, a working farmstead, including brick house, barns, and farmyard (approximately 300 m to the west of the study area).

4.3.3.3 Applied Knowledge

The completion of the checklist (Appendix A) was also undertaken by applying the knowledge and expertise of the consultant, Natalie Anderson Rathwell, MA, CAHP, an architectural historian and cultural heritage specialist with six years in cultural heritage reporting and 15 years of related experience in architectural history.

Based on the consultant's experience researching and reporting on municipal, provincial and federal sites, the consultant sees no evidence to indicate that 1017 Black Bay Road, a residential property, constructed after 1972, estimated 1970s, may be of cultural heritage value or interest. The property is an example of a mass-produced type of residential bungalow, with no outstanding features.

One property within the study area has some low potential for cultural heritage value or interest:

- Property Parcel 477907801507500, a barn and possible house or outbuilding off Rantz Road, estimated to have been built in the late 1800s – early 1900s.

This property parcel falls within the study area, however the buildings on the property fall outside of both the project footprint and 200 m buffer on each side of the project footprint defining the study area and are at very low risk of any impacts (see Map 2).

Table 4. Identification of Known, Previously Identified, and Potential Built Heritage Resources or Cultural Heritage Landscapes

CHR Ref. No.	Type of Property	Location	Heritage Recognition	Description of Known of Potential CHVI	Image
CHR 1	Agricultural / Residential	Rantz Road Property Parcel 477907801507500	None; Identified on field review as having some low potential for CHVI	Estimated late 1800s – early 1900s The property has some potential for CHVI due to its direct associations with the theme of settlement of the Petawawa area.	

5.0 Engagement

5.1 Indigenous Engagement

Engagement undertaken by the proponent for this project included the Algonquins of Pikwakanagan First Nation, Algonquins of Ontario, and the Kitigan Zibi First Nation.

A final draft of this report will be shared with Indigenous communities for review with any comments to be addressed.

5.2 Municipal Staff

Jackie Mellon, Clerk of the Town of Deep River, Sherr Batten, CAO and Clerk for the Town of Laurentian Hills, and Melanie Scheer, RPP, MCIP, Director of Planning and Development for the Town of Petawawa were contacted to confirm whether there are any listed or designated properties within the study area (see section 4.3.1.1). None of the three municipalities has any listed or fully designated heritage properties. As such, none currently maintains a heritage register.

6.0 Identification of Potential Project-Specific Impacts and Mitigation Measures

The project involves the installation of a new single-circuit 115 kV wood or composite pole transmission line corridor, including associated infrastructure (e.g., towers, access roads) to relocate approximately 25 km of an existing transmission line between Chalk River Junction in the Township of Laurentian Hills and the Petawawa Junction in the Town of Petawawa. The proposed approximately 21 km HONI transmission line from Chalk River to Petawawa will involve tree clearing where necessary to establish the corridor, construction staging, and installation of poles.

In the federal portions of the study area, there are no properties of Cultural Heritage Value or Interest, and therefore there can be no potential impacts on heritage.

In the municipal portions of the study area, there is one property with some low potential for Cultural Heritage Value or Interest, CHR-1, the barn and adjacent building on Property Parcel 477907801507500. The barn and associated buildings appear to be in variously dilapidated condition. The landscape surrounding the barn has been heavily disturbed by aggregate or mineral extraction. The location of the proposed transmission line to the south of CHR-1 is already clear of trees. These buildings are **not** at risk of:

- Destruction of any, or part of any, significant heritage attributes;
- Alteration that is not sympathetic, or is incompatible, with the historic fabric and appearance of the heritage resource;
- Shadows created that alter the appearance of a heritage attribute or change the viability of a natural feature or plantings, such as a garden;
- Isolation of a heritage attribute from its surrounding environment, context or a significant relationship;
- Direct or indirect obstruction of significant views or vistas within, from, or of built and natural features;
- A change in land use that affects the property's heritage value; or
- Land disturbances such as a change in grade that alters soils and drainage patterns that adversely affect a heritage resource.

A CHER is not recommended for CHR-1 unless the buildings fall within the vibration zone of influence for the project, or destructive alterations are anticipated. The vibration zone of influence is anticipated to be 50 m or less.[17] The barn and adjacent building of CHR-1 are outside of the proposed project footprint and 200 m buffer on each side of that footprint delineating the study area, as such no impacts are anticipated and a CHER is not recommended.

[17] Jeff Hankin, Environmental Planner, Hydro One, August 2026.

Table 5. Identification of Potential Project-Specific Impacts and Mitigation Measures

CHR Ref. No. and Type of Property	Location	Heritage Recognition	Type and Description of Potential / Anticipated Impact	Mitigation Measures
CHR 1 – Agricultural / Residential	Rantz Road Property Parcel 477907801507500	None; Identified on field review as having some low potential for CHVI	None anticipated.	**Preferred Option:** Continued avoidance. **Alternative Option;** Should adjustments in route alignment take place that put CHR 1 within the vibration ZOI, or destructive alternatives are anticipated, a CHER of the property is required.

7.0 Summary and Next Steps or Recommendations

This Cultural Heritage Report has found:

Built Heritage Resources

No known built heritage resources have been identified in the study area.

No potential built heritage resources have been identified within the federal portion of the study area.

There are two (2) properties in the study area with buildings that appear to be older than 40 years of age. These properties are all within the municipal context (Map 2). The properties are:

- CHR-1: A barn and possible house or outbuilding off Rantz Road, Property Parcel 477907801507500, estimated to have been built in the late 1800s – early 1900s
- 1017 Black Bay Road, a residential property, constructed after 1972, estimated 1970s.

This report concludes that 1017 Black Bay Road should not be reviewed further through an individual CHER or HIA because it is an example of a mass-produced type of residential bungalow, with no outstanding features.

CHR-1, the barn and adjacent building at Property Parcel 477907801507500 on Rantz Road are unlikely to meet the two or more criteria of O.Reg. 9/06 required for designation under Part IV of the Ontario Heritage Act. These buildings do, however, have some potential for CHVI. The barn and adjacent building of CHR-1 are outside of the proposed project footprint and 200 m buffer on each side of that footprint delineating the study area, and outside the anticipated vibration zone of influence (anticipated to be 50 m or less). Visual impacts of the proposed transmission line on the buildings are not of concern due to the loss of the barn's original context. The surrounding landscape has been manipulated for aggregate or mineral extraction. As the identified buildings are outside of the vibration zone of influence and no other direct or indirect impacts are anticipated, no further reporting is required at this time.

Cultural Heritage Landscapes

No cultural heritage landscapes have been identified within the study area.

8.0 Figures

8.1 Site Visit Images



Figure 1. North-easternmost corner or Rantz Road, Petawawa, looking south. Matrix Heritage, 4 Nov 2025.



Figure 2. North-easternmost corner of Rantz Road, looking north-east towards the Petawawa River and Highway 17. Matrix Heritage, 4 Nov 2025.



Figure 3. North-easternmost corner of Rantz Road, looking north-west towards the Petawawa River. Matrix Heritage, 4 Nov 2025.

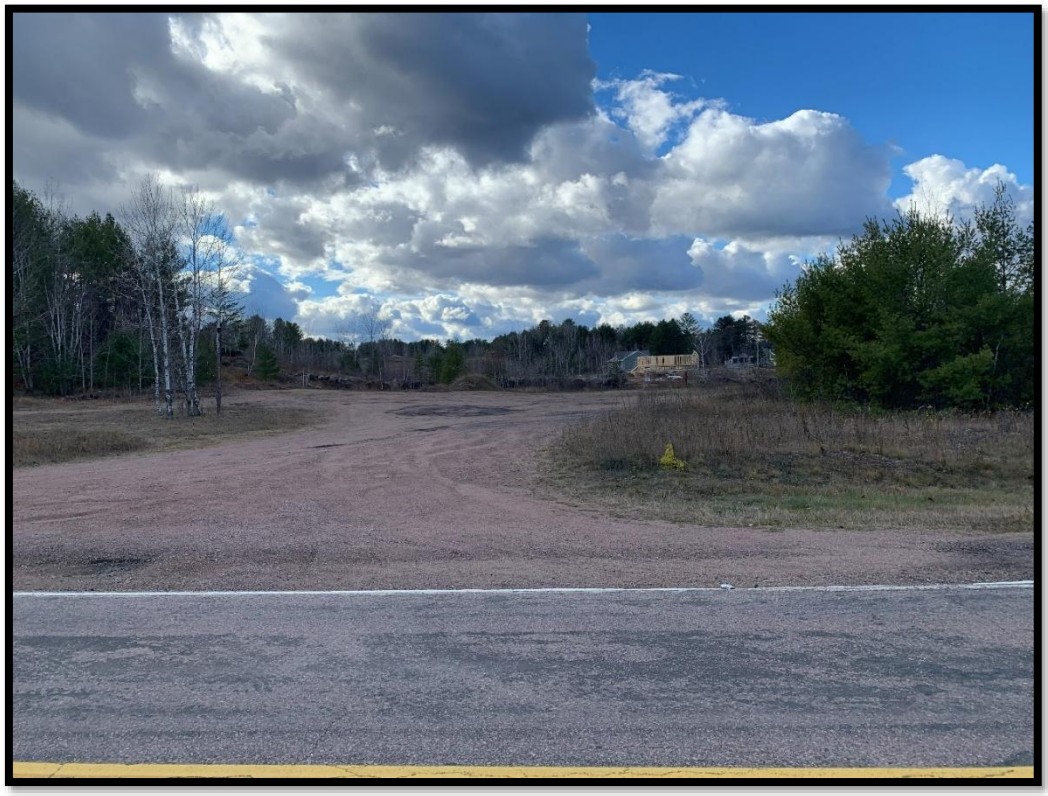


Figure 4. View west across 174 Rantz Road, showing evidence of land disturbances made by machinery. Matrix Heritage, 4 Nov 2025.



Figure 5. Petawawa River, beside 256 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 6. Petawawa River beside 256 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 7. Petawawa River and new construction along Rantz Road. Looking east from 256 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 8. New construction at 245 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 9. Barn and wooden building (possibly a house or outbuilding) at property parcel 477907801507500, opposite 268 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 10. Barn and wooden building (possibly a house or outbuilding) at property parcel 477907801507500, opposite 268 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 11. Abandoned cabin west of the barn at property parcel 477907801507500, opposite 284 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 12. Cinderblock garage at property parcel 477907801507500, opposite 268 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 13. 299 Rantz Road, less than 40 years old. Matrix Heritage, 4 Nov 2025.



Figure 14. 323 Rantz Road, mid-1960s. Matrix Heritage, 4 Nov 2025.



Figure 15. 339 Rantz Road, constructed after 2012 based on Google Streetview mapping. Matrix Heritage, 4 Nov 2025.



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Figure 16. 351 Rantz Road, constructed in approximately 2023 based on Google Streetview mapping. Matrix Heritage, 4 Nov 2025.



Figure 17. Looking west from 339 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 18. 316 Rantz Road. Estimated 1960s. Matrix Heritage, 4 Nov 2025.



Figure 19. Looking east from 339 Rantz Road. Matrix Heritage, 4 Nov 2025.



Figure 20. Looking west on Murphy Road, Petawawa, from the location of the project area. Matrix Heritage, 4 Nov 2025.



Figure 21. Looking east on Murphy Road, Petawawa, from the location of the project area. Matrix Heritage, 4 Nov 2025.



Figure 22 Looking south from Murphy Road, Petawawa, within the project area. The landscape is heavily forested with a mix of coniferous and deciduous trees, including tamaracks. Matrix Heritage, 4 Nov 2025.



Figure 23. Looking east across the study area from 1017 Black Bay Road. Matrix Heritage, 4 Nov 2025.



Figure 24. 1017 Black Bay Road. Constructed after 1972 based on aerial photographs. Estimated 1970s. Matrix Heritage, 4 Nov 2025.



Figure 25. Looking west towards the study area from 1205 Black Bay Road. Matrix Heritage, 4 Nov 2025.



Figure 26. Farmstead at 1205 Black Bay Road. Matrix Heritage, 4 Nov 2025.



Figure 27. Farmstead at 1205 Black Bay Road. Matrix Heritage, 4 Nov 2025.



Figure 28. Log house and barn at 895 Black Bay Road. Matrix Heritage, 4 Nov 2025.



Figure 29. Log house and barn at 895 Black Bay Road. Matrix Heritage, 4 Nov 2025.

8.2 Historic Images



Figure 30. 1857. No. 6 Map of the Ottawa and Huron Territory. Joseph Bouchette Jun. S. Derbishire & G. Desbarats. Online at https://www.oldmapsonline.org/en/maps/864a2a07-7b08-4184-8982-7bdaabd3db0d?gid=d0eb410d-7e5f-44d4-8b3f-9e36049b4236 - position=7.5737/45.493/-78.883/19.18&year=1857

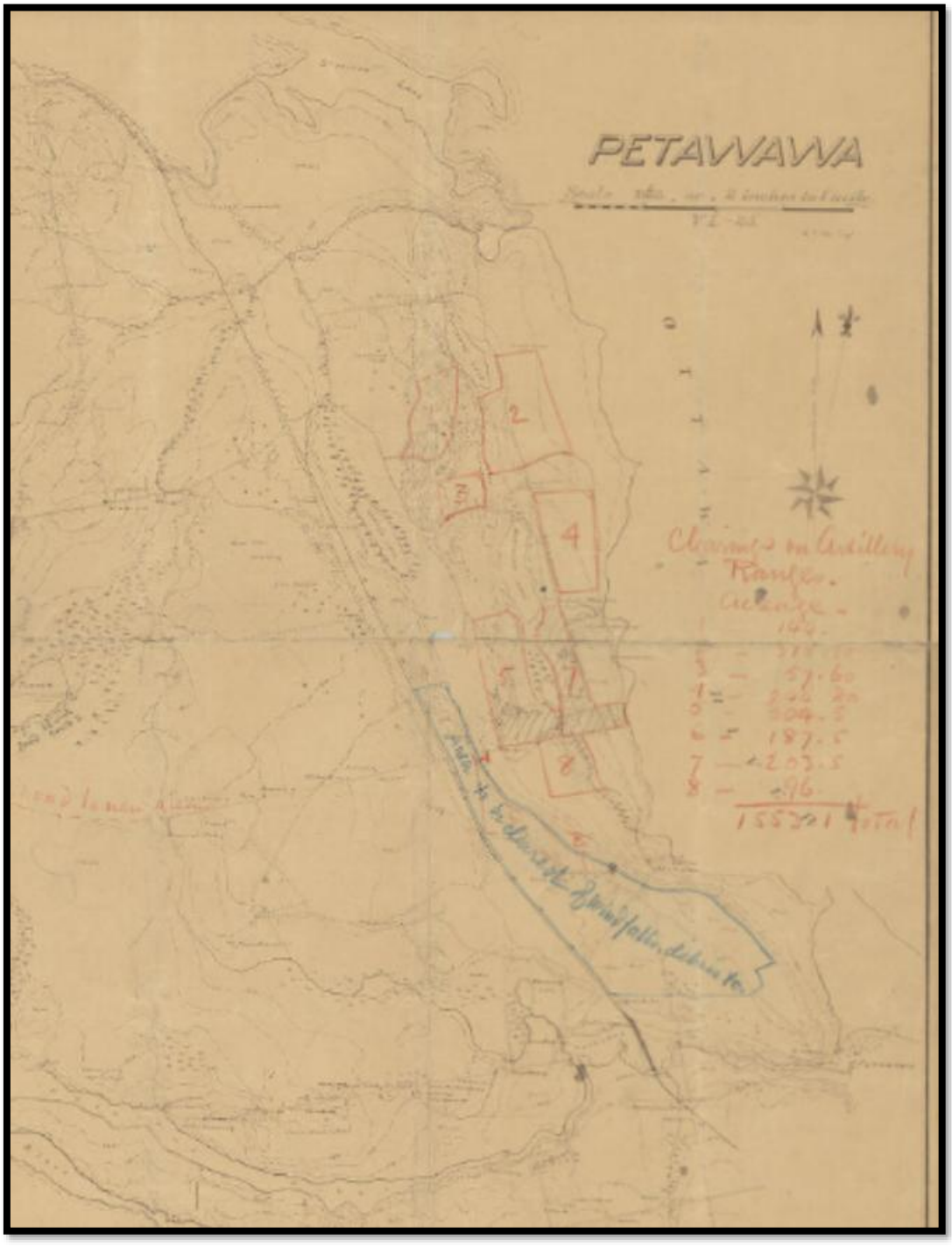


Figure 31. 1900–1921. Detail, Map of Petawawa, ON, surveyed by INNCE Branche Militia and Defence, Ottawa. W.D. Jordan Rare Books and Special Collections, Queen's University Library. Online at https://hdl.handle.net/1974.1/8727e542-637e-4db5-b22b-1f8ddd98837c.

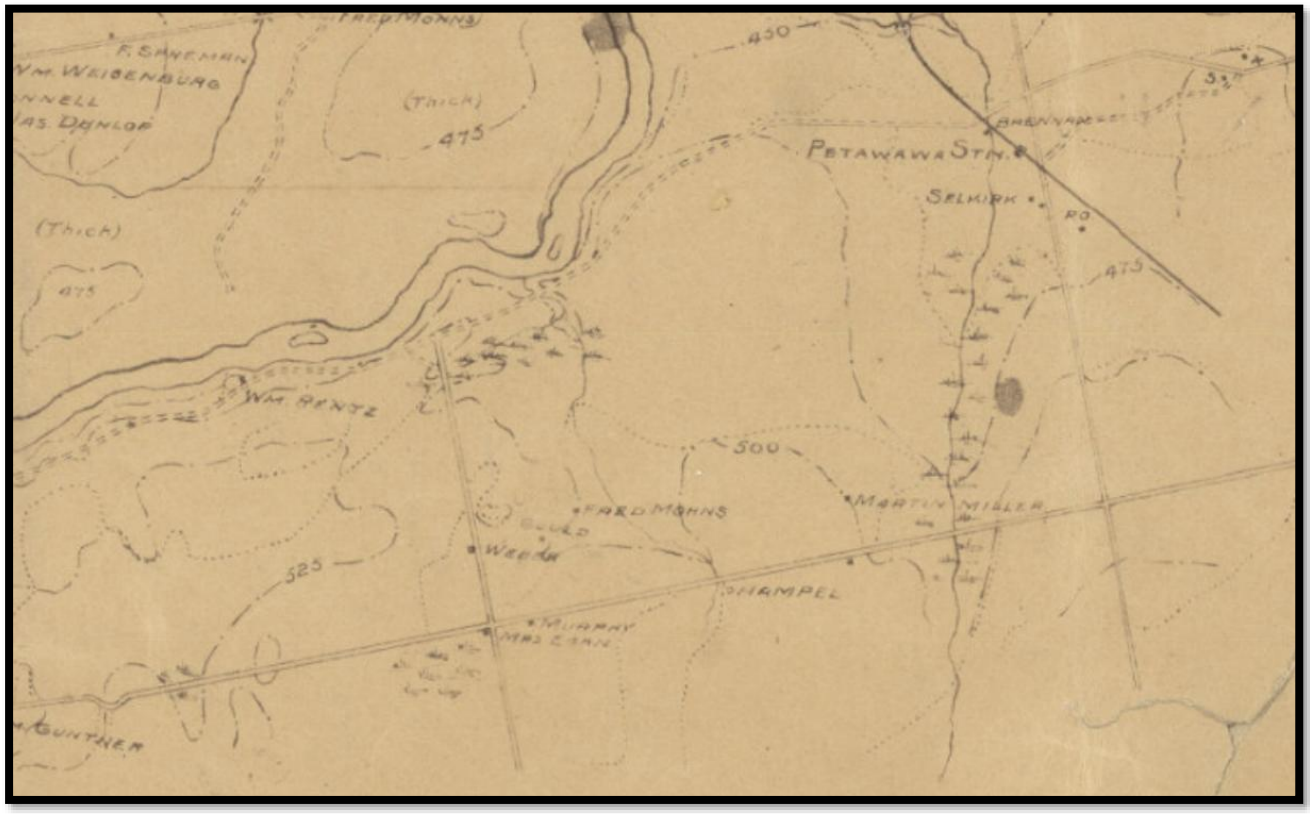
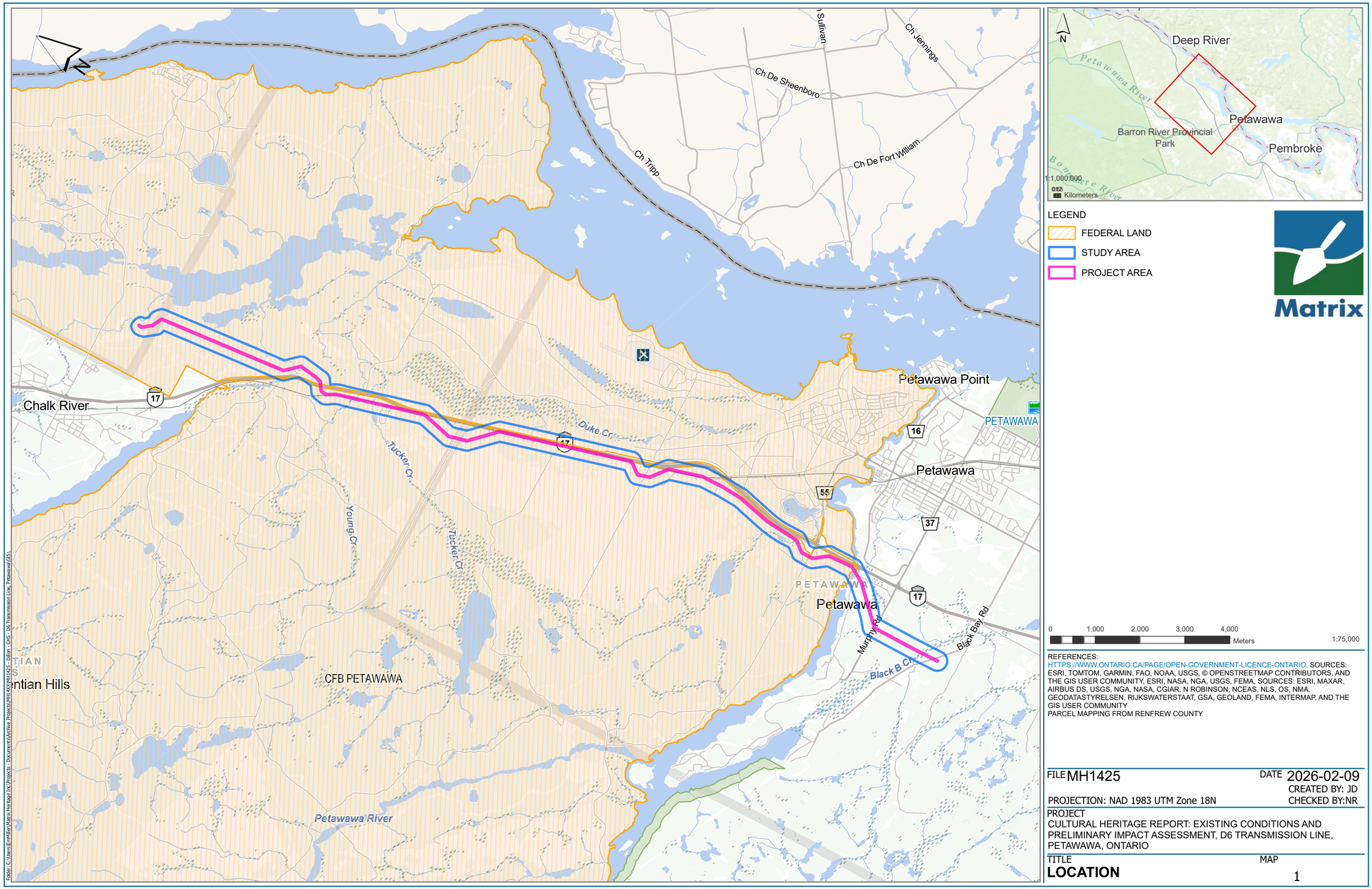


Figure 32. 1900–1921. Detail, Map of Petawawa, ON, surveyed by INNCE Branch Militia and Defence, Ottawa. A home for William Rentz [sic] is visible on the north side of Rantz Road. The north side of Rantz Road in this location is currently occupied by a 1960s bungalow and home built after 2012. William Rantz purchased Lot 14 Con. 7 in 1900. W.D. Jordan Rare Books and Special Collections, Queen's University Library. Online at https://hdl.handle.net/1974.1/8727e542-637e-4db5-b22b-1f8ddd98837c.



Figure 33. Lloyds Renfrew County Map. ND.



LEGEND

- FEDERAL LAND
- STUDY AREA
- PROJECT AREA

Matrix

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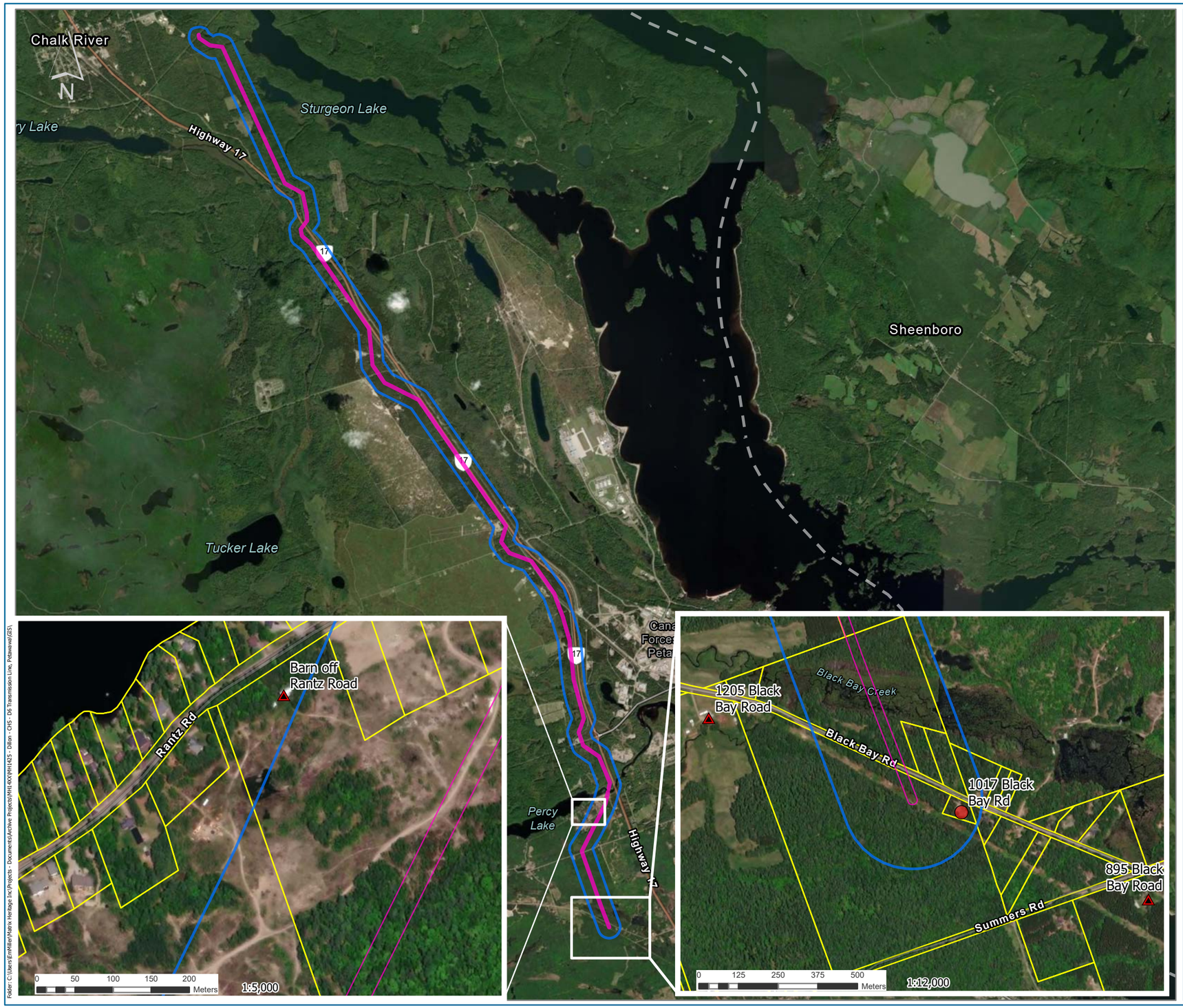
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PARCEL MAPPING FROM RENFREW COUNTY

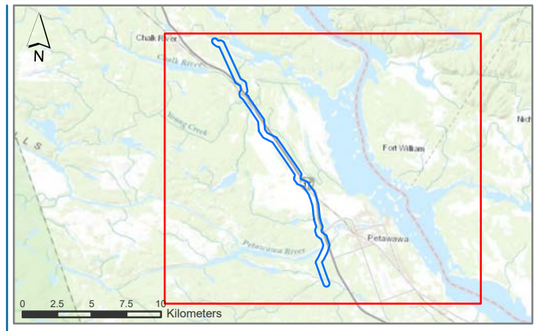
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PROJECT
CULTURAL HERITAGE REPORT: EXISTING CONDITIONS AND PRELIMINARY IMPACT ASSESSMENT, D6 TRANSMISSION LINE, PETAWAWA, ONTARIO

TITLE
LOCATION

MAP
1





LEGEND

- STUDY AREA
- PROJECT AREA
- PARCEL BOUNDARIES
- PROPERTIES WITH POTENTIAL CULTURAL HERITAGE RESOURCES
- BUILDINGS OLDER THAN 40 YEARS WITHIN STUDY AREA

Matrix

0 890 1,780 2,670 3,560 Meters

1:75,000

REFERENCES:
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PROJECT
CULTURAL HERITAGE REPORT: EXISTING CONDITIONS AND PRELIMINARY IMPACT ASSESSMENT, D6 TRANSMISSION LINE, PETAWAWA, ONTARIO

TITLE
AERIAL MAP

MAP 2

Folder: C:\Users\EmMiller\Matrix Heritage Inc\Projects - Documents\Active Projects\MH1400\MH1425 - Dillon - CHS - D6 Transmission Line, Petawawa\GIS\

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Appendix A: Cultural Heritage Checklist

Cultural Heritage Checklist	
Ontario Ministry of Tourism Culture and Sport *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes*	
Project or Property Name:	Hydro One Orléans Area Reinforcement
Project or Property Location:	Geographic Township of Gloucester, Former County of Carleton, City of Ottawa: • Part Lots 8 to 14, Concession 3 Ottawa Front; • Part Lots 14 to 20, Concession 4 Ottawa Front; • Part Lot 1, Concession 6 Rideau Front; • Part Lots 1 to 7 and 11, Concession 3 Ottawa Front; • Part Lots 1 and 2, Concession 6 Rideau Front; • Renaud Road Allowance, Concession 3 Ottawa Front; • Road Allowance at Lots 14 and 15, between Concessions 3 and 4 Ottawa Front; • Anderson Road Allowance between Lots 15 and 16, Concession 4 Ottawa Front; • Ramsayville Road Allowance, Lot 1, between Concession 6 Rideau Front and Concession 4 Ottawa Front; And Geographic Township of Cumberland, Former County of Carleton, City of Ottawa • Part Lots 1 and 2, Concession 11
Proponent Name:	Dillon Consulting Limited
Proponent Contact Information:	Alissa Lee Dillon Consulting Limited 177 Colonnade Road, Suite 101 Ottawa, Ontario K2E 7J4 alee@dillon.ca

Screening Questions	Yes/No
1. Is there a pre-approved screening checklist, methodology or process in place (municipal or provincial)?	**No**
If Yes, please follow the pre-approved screening checklist, methodology or process. If No, continue to Question 2.	
Part A: Screening for known (or recognized) Cultural Heritage Value	
2. Has the property (or project area) been evaluated before and found not to be of cultural heritage value?	**No**
If Yes, the rest of this checklist will not be completed. The proponent, property owner and/or approval authority will:	

• summarize the previous evaluation and • add this checklist to the project file, with the appropriate documents that demonstrate a cultural heritage evaluation was undertaken The summary and appropriate documentation may be: • submitted as part of a report requirement • maintained by the property owner, proponent or approval authority If No, continue to Question 3.	
3. Is the property (or project area):	
a. identified, designated or otherwise protected under the Ontario Heritage Act as being of cultural heritage value?	**No**
b. a National Historic Site (or part of)?	**No**
c. designated under the Heritage Railway Stations Protection Act?	**No**
d. designated under the Heritage Lighthouse Protection Act?	**No**
e. identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office (FHBRO)?	**No**
f. located within a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	**No**
If Yes to any of the above questions: • a Cultural Heritage Evaluation Report is required, if a Statement of Cultural Heritage Value has not previously been prepared, or the statement needs to be updated If a Statement of Cultural Heritage Value has been prepared previously and if alterations or development are proposed: • a Heritage Impact Assessment (HIA) is required – the report will assess and avoid, eliminate or mitigate impacts If No, continue to Question 4.	

Part B: Screening for Potential Cultural Heritage Value	
4. Does the property (or project area) contain a parcel of land that:	
a. is the subject of a municipal, provincial or federal commemorative or interpretive plaque?	**No**
b. has or is adjacent to a known burial site and/or cemetery?	**No**
c. is in a Canadian Heritage River watershed?	**No. The Petawawa River is not listed as a Canadian Heritage River by the Canadian Heritage Rivers System, but is a tributary of the Ottawa River, which is identified as a Canadian Heritage River.**
d. contains buildings or structures that are 40 or more years old?	**Yes. See section 3.3**
Part C: Other Considerations	
5. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area):	
a. is considered a landmark in the local community or contains any structures or sites that are important in defining the character of the area?	**No**
b. has a special association with a community, person or historical event?	**No**
c. contains or is part of a cultural heritage landscape?	**No**
If Yes to one or more of the questions in Parts B and C, there is potential for cultural heritage resources on the property or within the project area. The following must be undertaken: • a Cultural Heritage Evaluation Report (CHER) If the property is determined to be of cultural heritage value and alterations or development is proposed:	

- a Heritage Impact Assessment (HIA) is required – the report will assess and avoid, eliminate or mitigate impacts

B-2: Stage 1 Archaeological Assessment

ORIGINAL REPORT

Stage 1 Archaeological Assessment:

Petawawa D6 Transmission Line Relocation

Part Lot 10, Concession 4,
in the Geographic Township of Buchanan,
now the Town of Laurentian Hills,
Renfrew County; and
Part Lot 13, Concession 5; Part Lot 13, Concession 6;
Part Lots 13, 14, and 15, Concession 7;
Part Lot 14, Concession 8; and Part Lot 14, Concession 9;
in the Geographic Township of Petawawa,
now the Town of Petawawa,
Renfrew County

Prepared For
Hydro One Network Inc.
care of
Dillon Consulting Limited
Daniel Bourassa
12 James St. North, Suite 401
Hamilton, Ontario, L8R 2J9
DBourassa@dillon.ca

January 8, 2026

PIF: P378-0120-2025
Nadine Kopp (License Number P378)

Report: MH1372-REP.01.R1

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Tel: (613) 807-2071
www.MatrixHeritage.ca

1.0 Executive Summary

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted a Stage 1 Archaeological Assessment of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1) (Table 1). This Stage 1 assessment is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 2) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment. The objectives of the investigation were to assess the archaeological potential of the property and determine whether further archaeological study was required. This assessment was completed in accordance with the *Standards and Guidelines for Consultant Archaeologists* (MCM 2011). Additional areas within the project falling under federal jurisdiction are addressed under separate documentation, following federal guidelines.

Geographic Township	Concession	Lots	Current Municipality
Buchanan	4	10	Town of Laurentian Hills
Petawawa	5	13	Town of Petawawa
Petawawa	6	13	Town of Petawawa
Petawawa	7	13, 14, and 15	Town of Petawawa
Petawawa	8	14	Town of Petawawa
Petawawa	9	14	Town of Petawawa

Table 1: Lots and Concessions within the study area.

As per direction from MCM, the study area was defined based on the centreline of the proposed hydro transmission line with a 20 m buffer added to both sides for the line to encompass construction impacts (see Supplemental Documentation). The resulting corridor is a 21 km long, 40 m wide area encompassing a total of 84.5 ha, 12.72 ha of which falls within the scope of this report and 71.71 ha within the separate documentation for federal lands. At the time of assessment, detailed development mapping was not available, and the centreline was provided by HONI as a shapefile.

This Stage 1 assessment included a review of the Ministry archaeological site database, a review of relevant environmental, historical, and archaeological literature, and primary historical research including: land registry records and historical maps.

This Stage 1 background assessment concludes that, based on criteria outlined in the *Standards and Guidelines for Consultant Archaeologists* (Section 1.3, 2011), the study area has both pre-contact Indigenous as well as historical Euro-Canadian archaeological potential.

Based on the results of this assessment it is recommended that:

1. The study area, as delineated in Map 1, exhibits archaeological potential requiring Stage 2 archaeological assessment.

2. Additional Stage 1 archaeological assessment will be required if any project impacts are planned beyond the limits of the Stage 1 project area as delineated in Map 1.

3. A Stage 2 archaeological assessment be conducted by a licensed consultant archaeologist using the test pit survey method at 5 m intervals, as per Section 2.1.2 (MCM 2011) as the

terrain is mostly forested and therefore not suitable for ploughing (as per Section 2.1.2, Standard 1. MCM 2011) (approximate area shown in blue in Maps 3 to 10).

4. The extent of permanently wet areas and areas of deep and pervasive disturbance, as shown in light blue and orange on Maps 3 to 10 should be confirmed during Stage 2 assessment. As per section 2.1 Standards 2.a.i. and 2.b. (MCM 2011), should these areas meet the criteria for exclusion at the time of assessment, survey of these areas is not required.

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3.0 Project Personnel

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Report Preparation	Andrea Jackson, MLitt (P1032)
GIS and Mapping	Em Miller (R1409)
Report Review	Nadine Kopp, MA (P378)

4.0 Project Context

4.1 Development Context

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted a Stage 1 Archaeological Assessment of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1) (Table 2). This Stage 1 assessment is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 2) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment. The objectives of the investigation were to assess the archaeological potential of the property and determine whether further archaeological study was required. This assessment was completed in accordance with the *Standards and Guidelines for Consultant Archaeologists* (MCM 2011). Additional areas within the project falling under federal jurisdiction are addressed under separate documentation, following federal guidelines.

Geographic Township	Concession	Lots	Current Municipality
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Petawawa	7	13, 14, and 15	Town of Petawawa
Petawawa	8	14	Town of Petawawa
Petawawa	9	14	Town of Petawawa

Table 2: Lots and Concessions within the study area.

As per direction from MCM, the study area was defined based on the centreline of the proposed hydro transmission line with a 20 m buffer added to both sides for the line to encompass construction impacts (see Supplemental Documentation). The resulting corridor is a 21 km long, 40 m wide area encompassing 84.5 ha, 12.72 ha of which falls within the scope of this report, 71.71 ha within the separate documentation for federal lands. At the time of assessment, detailed development mapping was not available, and the centreline was provided by HONI as a shapefile.

4.2 Historical Context

4.2.1 Historic Documentation

Notable histories of the Anishinabe Algonquin include: *Algonquin Traditional Culture* (Whiteduck 1995) and *Executive Summary: Algonquins of Golden Lake Claim* (Holmes and Associates 1993a).

The subject property is in the County of Renfrew. There are a few publications of the early history of the county. Notable references include: *Renfrew County, People and Places* (Bennett 1989); and *The Story of Renfrew, From the Coming of the First Settlers about 1820 to 1928* (Smallfield and Campbell 1914). Another useful resource is the Renfrew Supplement in the *Illustrated Atlas of the Dominion of Canada* (Belden & Co. 1881).

4.2.2 Pre-Contact Period

Naming

The Anishinabe Algonquin name for themselves is Anishinabeg, which means "human being." The word Algonquin supposedly came from the Malecite word meaning "they are our relatives", which French explorer Samuel de Champlain recorded as “Algoumequin” in 1603. The name stuck and the term “Algonquin” refers to those groups that have their traditional lands around the Ottawa Valley. Some confusion can arise regarding the term “Algonquian” which refers to the broader language family, of which the dialect of the Algonquin is one. The Algonquian linguistic group stretches across a significant part of North America and comprises scores of Nations related by language and customs.

Early Human Occupation

Indigenous histories speak of the advance and retreat of glaciers and of their presence on the land from time immemorial. Presently, the earliest human occupation of the Americas has been archaeologically documented to predate 14,000 years ago. However, at this time much of eastern Canada was covered by thick and expansive glaciers and the Laurentide Ice Sheet of the Wisconsinian glacier blanketed southwestern Ontario until about 12,500 B.P. At this time the receding glacial terminus was at the southern edge of present-day Georgian Bay and melt water in the region created Early Lake Erie and Lake Iroquois (the basin of today’s Lake Ontario).

The earliest archaeologically recovered evidence in northeastern North America dates from circa 11,000 B.P. and relates to groups archaeologically referred to as Paleo people. For Ontario the Paleo period is divided into the Early Paleo period (11,000 - 10,400 B.P.) and the Late Paleo period (10,500-9,400 B.P.), based on changes in tool technology (Ellis and Deller 1990). The Paleo people, who had moved into hospitable areas of southwest Ontario (Ellis and Deller 1990), likely consisted of small groups of exogamous hunter-gatherers relying on a variety of plants and animals who ranged over large territories (Jamieson 1999).

Archaeological information suggests that ancestral Anishinabe Algonquin people lived in the region for at least 8,000 years before the Europeans arrived in North America. This traditional territory is generally considered to encompass the Ottawa Valley on both sides of the river, in Ontario and Quebec, from the Rideau Lakes to the headwaters of the Ottawa River. The region is dominated by the Canadian Shield which is characterized by low rolling land of Boreal Forest, rock outcrops and muskeg with innumerable lakes, ponds, and rivers. This environment dictated much of the traditional culture and lifestyle of the Anishinabe Algonquin peoples. At the time of European contact, the Anishinabe Algonquin territory was bounded on the east by the Montagnais people, to the west by the Nipissing and Ojibwa, to the north by the Cree, and to the south by the lands of the Iroquois.

Archaic Period

As the climate continued to warm, the glacial ice sheet receded further northwards allowing areas of Eastern Ontario to be travelled and occupied in what is known as the Archaic Period (9,500 – 2,900 B.P.). In the Boreal forests of the Canadian Shield this cultural period is referred to as the “Shield Archaic”. The Archaic period is generally characterized by increasing populations, developments in lithic technology (e.g., ground stone tools), and emerging trade networks.

Archaic populations remained hunter-gatherers with an increasing emphasis on fishing. People began to organise themselves into small family groups operating in a seasonal migration, congregating annually at resource-rich locations for social, religious, political, and economic

activities. Sites from this period in the region include Morrison's Island-2 (BkGg-10), Morrison's Island-6 (BkGg-12) and Allumette Island-1 (BkGg-11) near Pembroke, and the Lamoureaux site (BiFs-2) in the floodplain of the South Nation River (Clermont 1999). Often sites from this time are located on islands, waterways, and at narrows on lakes and rivers where caribou and deer would cross, suggesting a common widespread use of the birchbark canoe that was so prominent in later history (McMillan 1995). It is suggested that the Algonquin peoples in the Ottawa Valley area developed out of this Shield Archaic culture.

Woodland / Pre-European Contact Period

Generally, the introduction of the use of ceramics marks the transition from the Archaic Period into the Woodland period. Populations continued to participate in extensive trade networks that extended across much of North America. Social structure appears to have become increasingly complex with some status differentiation recognized in burials. Towards the end of this period domesticated plants were gradually introduced to the Ottawa Valley region. This coincided with other changes including the development of semi-permanent villages. The Woodland period is commonly divided into the Early Woodland (1000 – 300 B.C.), Middle Woodland (400 B.C. to A.D. 1000), and the Late Woodland (A.D. 900 – European Contact) periods.

The Early Woodland is typically noted via lithic point styles (i.e., Meadowood bifaces) and pottery types (i.e., Vinette I). Early Woodland sites in the Ottawa Valley region include Deep River (CaGi-1) (Mitchell 1963), Constance Bay I (BiGa-2) (Watson 1972), and Wyght (BfGa-11) (Watson 1980). The Middle Woodland period is identified primarily via changes in pottery style (e.g., the addition of decoration). Some of the best documented Middle Woodland Period sites from the region are from Leamy Lake Park (BiFw-6, BiFw-16) (Laliberté 1999). On the shield and in other non-arable environments, including portions of the Ottawa Valley, there seems to remain a less sedentary lifestyle often associated with the Algonquin groups noted in the region at contact (Wright 2004:1485–1486).

The Woodland Period Algonquin peoples had a social and economic rhythm of life following an annual cyclical pattern of seasonal movements. Subsistence was based on small independent extended family bands operating an annual round of hunting, fishing, and plant collecting. Families returned from their winter hunting camps to rejoin with other groups at major fishing sites for the summer. The movements of the people were connected with the rhythm of the natural world around them allowing for efficient and generally sustainable subsistence. Their annual congregations facilitated essential social, political, and cultural exchange.

The Algonquin peoples also established significant trade networks and a dominance of the Ottawa River (in Algonquian the “Kitchissippi”) and its tributaries. The trade networks following the Ottawa River connected the Algonquins to an interior eastern waterway via Lake Timiskaming and the Rivière des Outaouais to the St. Maurice and Saguenay as well as the upper Great Lakes and interior via Lake Nipissing and Georgian Bay. From there their Huron allies would distribute goods to the south and west. The Iroquois and their allies along the St. Lawrence River and the lower Great Lakes dominated the trade routes on those waterways to the south thus leading to a rivalry that would escalate with European influence (Moreau et al. 2016).

4.2.3 Contact Period

European Contact

The addition of European trade goods to artifacts of native manufacture in archaeological material culture assemblages’ ushers in a new period of history. Archaeological data shows that European

goods penetrated the Canadian Shield as early as 1590 and the trade was well entrenched by 1600 through the trade routes established by the Anishinabe Algonquin peoples along the Ottawa River (Moreau et al. 2016) and their neighbouring allies the Michi Saagiig and the Chippewa nations.

The first recorded meeting between Europeans and Anishinabe Algonquin occurred at the first permanent French settlement on the St. Lawrence at Tadoussac in the summer of 1603. Samuel de Champlain came upon a party of Algonquins, the Kitchissippirini under Chief Tessouat, who were celebrating a recent victory over the Iroquois with their allies the Montagnais and Malecite (Hessel 1993). Champlain made note of the “Algoumequins” and his encounter with them, yet the initial contact between Champlain and the Algonquin people within their own territory in the Ottawa Valley was during his travels of exploration in 1613.

By the time of Champlain’s 1613 journey, the Anishinabe Algonquin people along the Ottawa River Valley were important middlemen in the rapidly expanding fur-trade industry. Champlain knew this and wanted to form and strengthen alliances with the Algonquins to further grow the fur-trade, and to secure guidance and protection for future explorations inland and north towards a potential northwest passage. Further, involving the Algonquins deeper in the fur trade promised more furs filling French ships and more Indigenous dependence on European goods. For their part, the French offered the promise of safety and support against the Iroquois to the south.

Early historical accounts note many different Algonquian speaking groups in the region at the time. Of note for the lower Ottawa Valley area were the Kichesipirini (focused around Morrison Island); Matouweskarini (upstream from Ottawa, along the Madawaska River); Weskarini (around the Petite Nation, Lièvre, and Rouge rivers west of Montreal), Kinounchepirini (in the Bonnechere River drainage); and the Onontchataronon, (along the South Nation River) (Holmes and Associates 1993a; Morrison 2005; Pilon 2005). However, little archaeological work has been undertaken regarding Anishinabe Algonquin at the time of contact with Europeans (Pilon 2005).

Fur Trade, Early Contact with the French

Champlain understood that the Anishinabe Algonquin would be vital to his eventual success in making his way inland, exploring, and expanding the fur trade. This was partially due to their language being the key to communication with many other groups, as well as their dominance over trade routes surrounding the Ottawa River and the connection with the Huron in the west.

When the French arrived, there was already a vast trade network in place linking the Huron and the Algonquins, the Michi Saagiig and Chippewa, extending from the Saguenay to Huronia. This route existed at least from the very early beginnings of agricultural societies in Ontario around A.D. 1000 (Moreau et al. 2016). This trade increased rapidly after the arrival of the Europeans with the introduction of European goods and the demand for furs. The Huron held a highly strategic commercial location controlling the trade to the south and the west, and the Algonquin, Michi Saagiig, and Chippewa were their critical connection to goods from the east, including European products.

By the mid-17th century, the demands of the fur trade had caused major impacts to the traditional way of life including a change in tools, weapons, and a shift in diet to more European as hunting was more for furs and not for food. This dependence on European food, ammunition, and protection tied people to European settlements (McMillan 1995). The summer gathering sites shifted from prominent fishing areas to trading posts. This further spurred social changes in community structure and traditional land distribution and use.

The well-situated Anishinabe Algonquin, particularly the Kitchesipirini who controlled passage around Allumette Island, were originally reluctant to cede any of their dominance in fear of being cut

out of their lucrative middleman role in the trade economy. However, an alliance with the French meant protection and assistance against the Iroquois. The French, as well as other Europeans like the Dutch and English, were able to align their own political and economic rivalries with those of the native populations. The competitive greed and obsession with expanding the fur trade entrenched the rivalries that were already in place, and these were intensified by European weapons and economic ambition.

Haudenosaunee (Iroquois) Wars

Little information exists about inter-tribal warfare prior to European contact, however, there was existing animosity between the Haudenosaunee and the Anishinabe Algonquin when Champlain first arrived in the Ottawa Valley. Like his fellow Europeans, Champlain was able to use this existing rivalry to make a case for an alliance, thus gaining crucial access to the established trade networks and economic power of the Anishinabe Algonquin. Prior to European contact, the hostilities had been mainly skirmishes and raids, but everything changed as European reinforcement provided deadlier weapons and higher economic stakes with the introduction of the fur trade.

Along with the French, the Anishinabe Algonquin were allied against the Haudenosaunee with the Huron, Nippissing, Michi Saagiig, and Chippewa. French records suggest that at the end of the sixteenth century the Algonquins were the dominant force and were proud to have weakened and diminished the Iroquois. The first Algonquin campaign the French took part in was a 1609 attack against the Mohawk. The use of firearms in this fight marked the beginning of the escalation of brutality between these old enemies. The Haudenosaunee corn stalk shields could stop arrows but not bullets or French swords (Hessel 1993).

Eventually the tide changed and as the Haudenosaunee exhausted the beaver population in their own territory they became the aggressors, pushing into the lands of the Anishinabe Algonquin, Michi Saagiig, Chippewa, and Huron, with the added strength of Dutch weaponry. Through the 1630s and 40s constant and increased raiding into Anishinabe Algonquin, Michi Saagiig, and Chippewa territory by the Haudenosaunee nations had forced many multi-generational residents to leave their lands and seek protection from their French allies in places like Trois Rivieres and Sillery while others fled to the north. By 1650 Huronia, the home of the long-time allies of the Anishinabe Algonquin and traditional and treaty territory of the Chippewa, had been destroyed by the Haudenosaunee. The Anishinabe Algonquin of the Ottawa Valley had largely been scattered or displaced, reduced through war and disease to small family groups under the protection of the French missions only fifty years after the first Europeans had travelled the Ottawa River (Morrison 2005:26).

There is some evidence that the Anishinabe Algonquin did not completely abandon the Ottawa Valley but withdrew from the Ottawa River to the headwaters of its tributaries and remained in those interior locations until the end of the century. Taking advantage of the Anishinabe Algonquin absence, the Ottawa people, originally from the area of Manitoulin Island, used the river for trade during this time and their name became historically applied to the river.

Aftermath of War

As the Haudenosaunee push continued and the Anishinabe Algonquin sought refuge amongst their French allies, other factors came into play that significantly contributed to their displacement and near destruction. The introduction of European diseases, the devastating influence of alcohol, and the increasing pressure to convert to Christianity massively contributed to the weakening of the Anishinabe Algonquin people and their traditional culture.

The Anishinabe Algonquin thought of themselves as part of the natural world with which they must live in harmony. The traditional stories of Anishinabe Algonquin folklore contained lessons and guides to behaviour. The French missionaries regarded them as “heathens” and dismissed their religion as superstition (Day 2005). The missionaries believed it was their duty to convert these people to Christianity to save them from evil. Anishinabe Algonquin chief Tessouat had seen his Huron neighbours become ill and die after interactions with the European missionaries and had thus originally warned his people about abandoning their old beliefs and the dangers of conversion (Hessel 1993). Eventually the French imposed laws allowing only those converted to Christianity to remain within the missions and under French protection. This created divisions amongst the Anishinabe Algonquin themselves which weakened the social structure as some settled into a new religion and new territory.

Starting in the 1630s and continuing into the 1700s, European disease spread among the Anishinabe Algonquin groups along the Ottawa River, bringing widespread death (Trigger 1986:230). As disease spread through the French mission settlements the priests remained certain that the suffering was punishment for resisting Christianity. An additional threat lurking amongst the French settlements was alcohol which precipitated many issues.

The Long Way Back

After the Haudenosaunee (Iroquois) Wars, the remaining Anishinabe Algonquin people were generally settled around various French trading posts and missions from the north end of the Ottawa Valley to Montreal. A large settlement at Oka was the first mission established on Anishinabe Algonquin lands in 1720. This settlement included people from many groups who had been collected and moved around from various locations. It became a type of base camp; occupied during the summer while the winters were spent at their traditional hunting territories in the upper Ottawa Valley. This arrangement served the French well, since the Anishinabe Algonquin converts at Oka maintained close ties with the northern bands and could call upon the inland warriors to join them in case of war with the British or Iroquois League.

As the British gained control of Canada from the French in 1758-1760 they included in the Articles of Capitulation a guarantee that the Indigenous allies of the French would be maintained in the lands they inhabited. Many of the Anishinabe Algonquin and other native groups that had been living on French mission settlements were shuffled around to new reserves while others began to migrate back to their traditional territories. Those who had remained on the land and continued to be active in the fur trade, now did so with the English through companies in Montreal like the North West Company, and in the north with the Hudson Bay Company.

Some Anishinabe Algonquin people began to return to their traditional territory to join those groups who had remained in the lower Ottawa Valley and continued their traditional lifeway through to the influx of European settlement in the late 1700s and early 1800s. This included bands noted to be living along the Gatineau River and other rivers flowing into the Ottawa. These traditional bands maintained a seasonal round focused on harvesting activities into the 1800s when development pressures and assimilation policies implemented by the colonial government saw Indigenous lands taken up, albeit under increasing protest and without consideration for Indigenous claims, for settlement and industry. Anishinabe Algonquin lands began to be encroached upon by white settlers involved in the booming lucrative logging industry or having been granted the land as Loyalist soldiers or through other settler groups.

As some Anishinabe Algonquin had been redistributed to lands in Quebec, their traditional territory within the Ottawa Valley was included in multiple land transfer deals, agreements, and sales with the British Crown beginning in the 1780s and continuing till the 1840s. The Anishinabe Algonquin

were not included in these transactions and numerous petitions and inquiries on behalf of their interests were often overruled or ignored (Holmes and Associates 1993a; Holmes and Associates 1993b; Sarazin). The Constitution Act of 1791 divided Quebec into the Provinces of Upper and Lower Canada with Ottawa River as the division line, thus the lands claimed by the Algonquins fell under two separate administrations creating more confusion, exclusion, and oversight.

Two “protectorate” communities were eventually established in the nineteenth century for the Anishinabe Algonquin people at Golden Lake in Ontario and River Desert (Maniwaki) in Quebec. One of the last accounts of the Anishinabe Algonquin living traditionally was from 1865. The White Duck family was living just west of Arnprior when they were forced to leave their wigwams as surveyors arrived to tell them the railway was being expanded through their land (Hessel 1993).

Anishinabe Algonquin people continue to live in the wider Ottawa Valley and there are still many speakers of several Algonquian dialects. Outside of the officially recognized bands there are an unspecified number of people of Anishinabe Algonquin decent throughout the Ottawa Valley unaffiliated with any reserve. Today there are ten Anishinabe Algonquin communities that comprise the Algonquins of Ontario: The Algonquins of Pikwakanagan First Nation, Antoine, Kijicho Manito Madagouskarini, Bonnechere, Greater Golden Lake, Mattawa/North Bay, Ottawa, Shabot Obaadjiwan, Snimikobi, and Whitney and area.

Struggles to officially secure title to their traditional land and fight for hunting and fishing rights have continued into modern times. The Algonquins of Ontario (AOO) and the Governments of both Canada and Ontario are working together to resolve this land claim through a negotiated settlement. The claim includes an area of 9 million acres of unceded territory within the watersheds of the Ottawa and Mattawa Rivers in Ontario including the city of Ottawa and most of Algonquin Park. The signing of the Agreement-in-Principle in 2016 by the AOO and the provincial and federal governments, signifying a mutual intention for a lasting partnership, was a key step towards a final agreement to clarify the rights and nurture new economic and development opportunities in the area.

4.2.4 Euro-Canadian Colonial History

Renfrew County

The area that is now Renfrew County was originally part of the Johnstown District, which was formed in 1798 when the new Parliament of Upper Canada subdivided the territory of the Eastern District. In 1822, the Johnstown District territory was reduced with the creation of the Bathurst District, the northernmost portion of the former district. The Bathurst district contained Carleton County. In 1824, Lanark County was created from part of Carleton County, which originally comprised ten townships and the remainder of unsurveyed lands within the Bathurst District including what would become Renfrew County. In 1838, Carleton County was withdrawn to create the Dalhousie District, and the Bathurst District was reorganized. Renfrew County was removed from the remaining portion of Lanark County, but the two remained united for electoral purposes. Renfrew county originally contained six townships including McNab, and by 1845 all ten townships within the county had been surveyed. In 1850, the Bathurst District was abolished, and the "United Counties of Lanark and Renfrew" replaced it for municipal and judicial purposes. The United Counties were dissolved in 1866 (Smallfield and Campbell 1914:191).

The Upper Ottawa Valley was an area rich in natural resources and Europeans were drawn there initially to exploit its vast timber supplies. Accessibility to this area was through the Ottawa and Madawaska Rivers and one of the earliest lumber firms to cut timber in what would later become McNab Township in Renfrew County were the McConnell Brothers of Hull. As early as 1812 this firm

cut squared timber in the area seasonally and soon “the banks of the Madawaska were denuded of their choicest timber before the advent upon the scene of the pioneer settler” (Belden & Co. 1881:51).

Temporary lumber camps began to dot the landscape and the transient workforce that worked them were fed by squatters who would clear and farm the lands near them. The earliest European squatters of the township settled on government land with the intention to acquire legal title before the township was surveyed in early 1824.

Geographic Township of Buchanan

The Geographic Township of Buchanan was opened for European settlement in 1857 (RBWM Historical Society 2020). It is unclear who the township was named for, but local history provides two possibilities. One option as the township namesake is George Buchanan who was an Arnprior industrialist who was struck during a timber drive and drowned in Chats Lake in 1837 (RBWM Historical Society 2020). A more likely candidate was the Honourable Isaac Buchanan who served as a member of the Legislative Assembly of Canada and was a distinguished merchant in Upper Canada, a co-founder of the Great Western Railway, and heavily supported the development of provincial roads (RBWM Historical Society 2020). Buchanan Township, like its neighbouring townships, experienced its boom during the active timber and lumber days of the mid 19th century. In 2000, Buchanan amalgamated with the neighbouring townships of Rolph, Wylie, and McKay, and the village of Chalk River to form the current municipality of the Town of Laurentian Hills.

Geographic Township of Petawawa

The Geographic Township of Petawawa is said to have been named after an elderly Indigenous woman who lived on the banks of the Ottawa River (Hopkins n.d.). However, it has been claimed that the word Petawawa comes from the Algonquin word *biidaawewe* meaning “where one hears a noise like this” (Town of Petawawa n.d.). Early European visitors to the area included Samuel de Champlain on his journey in 1613 and later by early French fur traders who used the trails along the Petawawa River as part of their trade route. Following these early journeys, the Hudson Bay Company designated the area as a “strategic location” and established Fort William on the Quebec side of the Ottawa River opposite Petawawa in 1823 (Town of Petawawa n.d.). The first survey of Petawawa township to open the area to European settlers was in 1857. These European settlers, who were initially Scottish and Irish followed by Germans in 1885, found that the land was not suitable for farming but provided seemingly endless supply of large pine for the timber and lumber trade. With the boom supplied by lumber, the population and infrastructure grew, and Petawawa was incorporated as a township in 1865 (Town of Petawawa n.d.). In 1905, the federal government purchased lands from many of the early German and French settlers to create Camp Petawawa, which today is Canadian Forces Base Petawawa, one of the largest military bases in Canada. During the first and second world wars, the Petawawa base was used as an internment camp for German prisoners of war. In 1961, the urban area of Petawawa was incorporated into a separate village municipality. Over thirty years later, in 1997, the village and the township amalgamated to form the Town of Petawawa.

4.2.5 Study Area Specific History

The overall study area is a narrow corridor extending from west of the Pembroke airport to the southwest of the town of Chalk River. The study area crosses multiple lots and concessions of both the Geographic Township of Buchanan (now the Town of Laurentian Hills and the Town of Deep River), and the Geographic Township of Petawawa (now the Town of Petawawa) within Renfrew County. The properties that make up the Stage 1 study area are mainly south of the Petawawa River with two small additional sections further to the north, the remaining sections of the corridor are addressed in separate documentation under federal guidelines. Historic mapping, while on such a

scale that no structures are shown, does depict the Petawawa and Chalk Rivers crossing the study area (Maps 11 and 12). Property histories details by lot are outlined below in Table 3.

Geographic Township	Con	Lot	Land Registry Detail
Buchanan	4	10	Patented to John Young in 1875. Heirs of Young to Oliver Young in 1903. Young sold to the Crown in 1908.
Petawawa	5	13	**Western Half**: Patented to L. Houle in 1874. Sold to Peter Marion in 1880. Sold to Franz Wickerth in 1880. Wickwerth's will passed to August Wickwerth in 1935. Granted to Albert Silke in 1935. Silke family held a portion till at least the 1980s.
	6	13	Patented to August Savard in 1877. Sold to Mary Turgeon in 1884. Sold to William Gunter in 1884. Remains in the Gunter family until at least the 1960s.
	7	13	Patented to George Achison in 1896. Sold to John Switzer in 1897. Sold to William Rantz in 1928. Paul Rantz subdivided and sold multiple parcels in the 1950s and 1960s. Rantz family still owned a portion at least until the 1990s.
	7	14	Patented to Gabriel Minore in 1873. Deeded to George Atchison in 1886. Sold to John Switzer in 1897. Sold to William Rantz in 1900. Rantz family held a portion of the land at least until 1997.
	7	15	Patented to Emil Weber in 1892. Granted to Herman Weber in 1920. Granted to the Crown in 1972.
	8	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	9	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.

Table 3: Land registry property histories by lot.

4.3 Archaeological Context

4.3.1 Current Conditions

The 84.5 ha of the proposed transmission line is a 21 km long strip extending from west of the Pembroke airport to the southwest of the town of Chalk River. The study area crosses multiple lots and concessions of both the Geographic Township of Buchanan (now the Town of Laurentian Hills and the Town of Deep River), and the Geographic Township of Petawawa (now the Town of Petawawa) within Renfrew County. The properties that make up the Stage 1 study area (12.72 ha) are mainly south of the Petawawa River with two small additional sections further to the north, the remaining sections of the corridor (71.71 ha) are addressed in separate documentation under federal guidelines. The study area corridor generally follows existing infrastructure like the trans-Canada highway, a former rail line, and previous transmission lines through a landscape that is mostly forested (Map 1).

4.3.2 Physiography

The study area lies within the Petawawa Sand Plain physiographic region (Map 13). This sand plain on the Ontario side of the river is interrupted by several outcrops of Precambrian rocks. The sand plain region extends south of Pembroke and covers an estimated 130 square miles. The plain originates as a delta built in the Champlain Sea by the Petawawa, Barrow, Indian, and Ottawa Rivers during the Fossmill stage of Lake Algonquin. Agriculture in the area is generally poor, and thus the early economy was focused on timber resources (Chapman and Putnam 2007).

The soils of the study area are mainly of the Uplands series with some St. Peters soils within the lots on Concession 7 near Petawawa (Map 13). The parent materials of the Uplands soil type were deposited by water as it flowed out over the area in front of the glacier. As the rate of flow of water decreased, particles of sand and fine gravel settled out to form the outwash plains of today. The Uplands soil series developed on these strongly undulating to rolling outwash materials of sand or sandy loam under good to excessive drainage conditions. There are no boulders within the profile although very occasionally one may be found on the surface. The natural forest for this soil type is a coniferous forest. The cultivated surface soil is very low in organic matter and available plant nutrients are in short supply. The soil is not well suited to general farming because of low fertility and a tendency to be droughty (Matthews and Richards 1954).

St. Peter's soils are coarse, gravelly soils that occur exclusively within the Precambrian Shield in the Townships of Denbigh and Abinger. The soil materials consist of gravel and sand deposited by fast-flowing streams and form much of the river terrace deposits and alluvial flood plains of the Mississippi River. Some agricultural use is made of these soils because in many areas they are the only boulder-free soils that exist. Cultivation however is limited to a few acres per farm and the crops that are grown are chiefly hay and oats (Gillespie and Wicklund 1964).

The surficial geology of the study area is mainly glaciofluvial deposits and delta topset facies (Map 13). In the central portion of the study area there are some areas of Precambrian bedrock and pockets of organic deposits of peat, muck, and marl. A fluvial terrace crosses the southern end of the study area in the southern end of Lot 13, Concession 6, Petawawa.

The study area is just to the west of the Ottawa River and there are numerous lakes, creeks, and tributary rivers throughout the landscape. Most of the Stage 1 study area is just south of the Petawawa River and Percy Lake.

4.3.3 Previous Archaeological Assessments

Archaeological work in the region has primarily consisted of cultural resource management studies related to specific properties or development projects. There has been no previous assessment of the study area, however, there have been assessments adjacent to the property. Table 4 outlines previous cultural resource management archaeological work that has been undertaken within the Geographic Townships of Buchanan and Petawawa.

PIF	Date	Project Title	Company
Buchanan Township			
P039-0232-2016	2019	Cultural Resource Management at Chalk River Laboratories, 2016 Stage 1 & 2 Archaeological Assessment of Emergency Road 3 (ER3) and Dump Road, Part of Lots 19-21 Ranges A & B Buchanan Township (Geo.), Renfrew County	Kinickinick Heritage Consultants

PIF	Date	Project Title	Company
P002-311-2012	2015	Stage 1 Archaeological Assessment Pipeline to Serve CNL Chalk River Facility, Lots 5-7, Con 7; Lots 3-11, Con 8; Lots 3-16, Con. 9; Lots 12-13, Con. 10; Lots 22-26, Range A; and Lots 21-23, Range B, Town of Laurentian Hills, Renfrew County, Ontario	Stantec Consulting
P415-0056-2015	2015	Stage 2 Archaeological Assessment: Pipeline to Serve CNL Chalk River Facility Part of Lots 3-9, Concession 8, Lots 3-15, Concession 9, Lots 12-13, Concession 10, Lots 23-26, Range A and Lots 22-23, Range B, Geographic Township of Buchanan, Town of Deep River and Town of Laurentian Hills, Renfrew County, Ontario	Stantec Consulting
P039-198-2013	2015	Cultural Resource Management at Canadian Nuclear Laboratories, 2013 A Stage 3 Assessment at CaGi-31 Chequen on Part of Lot 25 Range B, Buchanan Township (Geo.), Renfrew County	Kinickinick Heritage Consultants
P039-187-2012	2015	Stage 2 Assessment of Parts of Lots 24 & 25, Range B The Stack Road Section of the Domestic Waterline Route, Buchanan Township, Renfrew County	Kinickinick Heritage Consultants
Petawawa Township			
P248-082-2012	2024	Assessment of the Petawawa River between the Eastern Limits of Algonquin Park and the Ottawa River Geographic Townships of Petawawa, McKay and Wylie Renfrew County	The Central Archaeology Group Inc.
P371-0065-2023	2023	Stage 1 & 2 Archaeological Assessment. Proposed EORN Cell Gap Cell Tower Project Tranche 6 Area D: C8474 at Garrison Petawawa on Parts of Lots 11 & 12, Concession 16, Petawawa Twp (geo), County of Renfrew, Ontario	Cameron Heritage Consulting
P208-0244-2021, P208-0221-2020	2023	Stage 1 and 2 Archaeological Resource Assessment of a Proposed Quarry in Lots 11, 12, and 13, Concession 4, Petawawa Township, Town of Petawawa, Renfrew County, Ontario	Woodland Heritage Northeast Limited
P1074-0018-2022	2022	Stage 1 Archaeological Assessment for proposed water treatment digester improvements, 560 Abbie Lane, Part of Lot 17, Concession Lake Range, Geographic Township of Petawawa, now Town of Petawawa, County of Renfrew, Ontario	Past Recovery Archaeological Services
P039-0225-2015	2018	Stage 1 Archaeological Assessment of Petawawa Terrace Provincial Park, Lots 12, 13, 14, 15, Lake Range C, Petawawa Township (Geo.), Town of Petawawa, Renfrew County	Kinickinick Heritage Consultants
P371-0004-2015	2016	Stage 1 Archaeological Assessment: Proposed Hoffman Subdivision Development, Parts 1 & 2, Lot 19, Concession 8, Petawawa Township, County of Renfrew, Ontario	Cameron Heritage Consulting
2001-009-002, 2001-009-002-S4EX	2001	Stage 1 and 2 Archaeological Assessment, Proposed Black Bay Gravel Pit, Lot 6, Concession 7 Town of Petawawa, Renfrew County, Ontario	Jacques Whitford Environment Ltd.

Table 4: Previous archaeological work within the Geographic Townships of Buchanan and Petawawa.

4.3.4 Registered Archaeological Sites and Commemorative Plaques

A search of the Ontario Archaeological Sites Database indicated there are 3 registered archaeological sites within a 1 km radius of the Stage 1 study area. The Shamess site (BlGi-5) is a pre-contact Indigenous site, while the remaining two sites, the Lac du Bois Dur 2 Site (BlGi-2) and the Privae Site (BlGi-9) are post-contact Euro-Canadian. None of these sites are within 100 m of the study area.

No commemorative plaques or monuments are located within 1 km of the subject property.

4.4 Archaeological Potential

Potential for pre-contact Indigenous sites is based on physiographic variables that include distance from the nearest source of water, the nature of the nearest source/body of water, distinguishing features in the landscape (e.g., ridges, knolls, eskers, wetlands), the types of soils found within the area of assessment, and resource availability. The study area has potential for pre-contact Indigenous archaeological resources based on the well drained sandy and loam soils, the multiple known sites in the broader area, and the proximity to multiple watercourses including marshlands, creeks, and the Petawawa River which is a main tributary to the Ottawa River.

Potential for historical Euro-Canadian sites is based on proximity to historical transportation routes, historical community buildings such as schools, churches, and businesses, and any known archaeological or culturally significant sites. The study area has potential for post-contact Euro-Canadian archaeological resources based on some early patent dates, historic transportation routes, and known sites in the area.

Archaeological potential is negated in some sections of the study area that are permanently wet or have deep and pervasive disturbance.

5.0 Indigenous Engagement

Engagement undertaken by the proponent for this project included the Algonquins of Pikwakanagan First Nation, Algonquins of Ontario, and the Kitigan Zibi First Nation.

A draft of this report will be shared by the proponent with Indigenous communities for review with comments to be addressed prior to MCM submission.

6.0 Conclusions and Recommendations

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted a Stage 1 Archaeological Assessment of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1). This Stage 1 assessment is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 2) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment. This assessment was completed in accordance with the *Standards and Guidelines for Consultant Archaeologists* (MCM 2011). Additional areas within the project falling under federal jurisdiction are addressed under separate documentation, following federal guidelines.

This Stage 1 background assessment concludes that, based on criteria outlined in the *Standards and Guidelines for Consultant Archaeologists* (Section 1.3, 2011), the study area has both pre-contact Indigenous as well as historical Euro-Canadian archaeological potential.

Based on the results of this assessment it is recommended that:

1. The study area, as delineated in Map 1, exhibits archaeological potential requiring Stage 2 archaeological assessment.

2. Additional Stage 1 archaeological assessment will be required if any project impacts are planned beyond the limits of the Stage 1 project area as delineated in Map 1.

3. A Stage 2 archaeological assessment be conducted by a licensed consultant archaeologist using the test pit survey method at 5 m intervals, as per Section 2.1.2 (MCM 2011) as the terrain is mostly forested and therefore not suitable for ploughing (as per Section 2.1.2, Standard 1. MCM 2011) (approximate area shown in blue in Maps 3 to 10).

4. The extent of permanently wet areas and areas of deep and pervasive disturbance, as shown in light blue and orange on Maps 3 to 10 should be confirmed during Stage 2 assessment. As per section 2.1 Standards 2.a.i. and 2.b. (MCM 2011), should these areas meet the criteria for exclusion at the time of assessment, survey of these areas is not required.

7.0 Advice on Compliance with Legislation

a. This report is submitted to the *Minister of Citizenship and Multiculturalism* as a condition of licencing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18. The report is reviewed to ensure that it complies with the standards and guidelines that are issued by the Minister, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario. When all matters relating to archaeological sites within the project area of a development proposal have been addressed to the satisfaction of the Ministry of Citizenship and Multiculturalism, a letter will be issued by the ministry stating that there are no further concerns with regard to alterations to archaeological sites by the proposed development.

b. It is an offence under Sections 48 and 69 of the *Ontario Heritage Act* for any party other than a licenced archaeologist to make any alteration to a known archaeological site or to remove any artifact or other physical evidence of past human use or activity from the site, until such time as a licensed archaeologist has completed archaeological fieldwork on the site, submitted a report to the Minister stating that the site has no further cultural heritage value or interest , and the report has been filed in the Ontario Public Register of Archaeology Reports referred to in Section 65.1 of the *Ontario Heritage Act*.

c. Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48 (1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licenced consultant archaeologist to carry out archaeological fieldwork, in compliance with Section 48 (1) of the *Ontario Heritage Act*.

d. The *Cemeteries Act*, R.S.O. 1990 c. C.4 and the *Funeral, Burial and Cremation Services Act*, 2002, S.O. 2002, c.33 (when proclaimed in force) require that any person discovering human remains must notify the police or coroner and the Registrar of Cemeteries at the Ministry of Consumer Services.

Archaeological sites recommended for further archaeological fieldwork or protection remain subject to Section 48 (1) of the *Ontario Heritage Act* and may not be altered, or have artifacts removed from them, except by a person holding an archaeological licence.

8.0 Closure

Matrix Heritage has prepared this report in a manner consistent with the time limits and physical constraints applicable to this report. No other warranty, expressed or implied is made. The sampling strategies incorporated in this study comply with those identified in the Ministry of Citizenship and Multiculturalism's *Standards and Guidelines for Consultant Archaeologists* (2011) however; Archaeological Assessments may fail to identify all archaeological resources.

The present report applies only to the project described in the document. Use of this report for purposes other than those described herein or by person(s) other than Hydro One Networks Inc., Dillon Consulting Limited, or their agent(s) is not authorized without review by this firm for the applicability of our recommendations to the altered use of the report.

This report is pending Ministry approval.

We trust that this report meets your current needs. If you have any questions or we may be of further assistance, please contact the undersigned.

Matrix Heritage Inc.

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2015b *Stage 2 Archaeological Assessment, Pipeline to Serve CNL Chalk River Facility. Lots 5-7, Con. 7; Lots 3-11, Con 8; Lots 3-16, Con 9; Lots 12-13, Con 10; Lots 22-26, Range A; and Lots 21-23, Range B, Town of Laurentian Hills, Renfrew County, Ontario. (P415-0056-2015)*.

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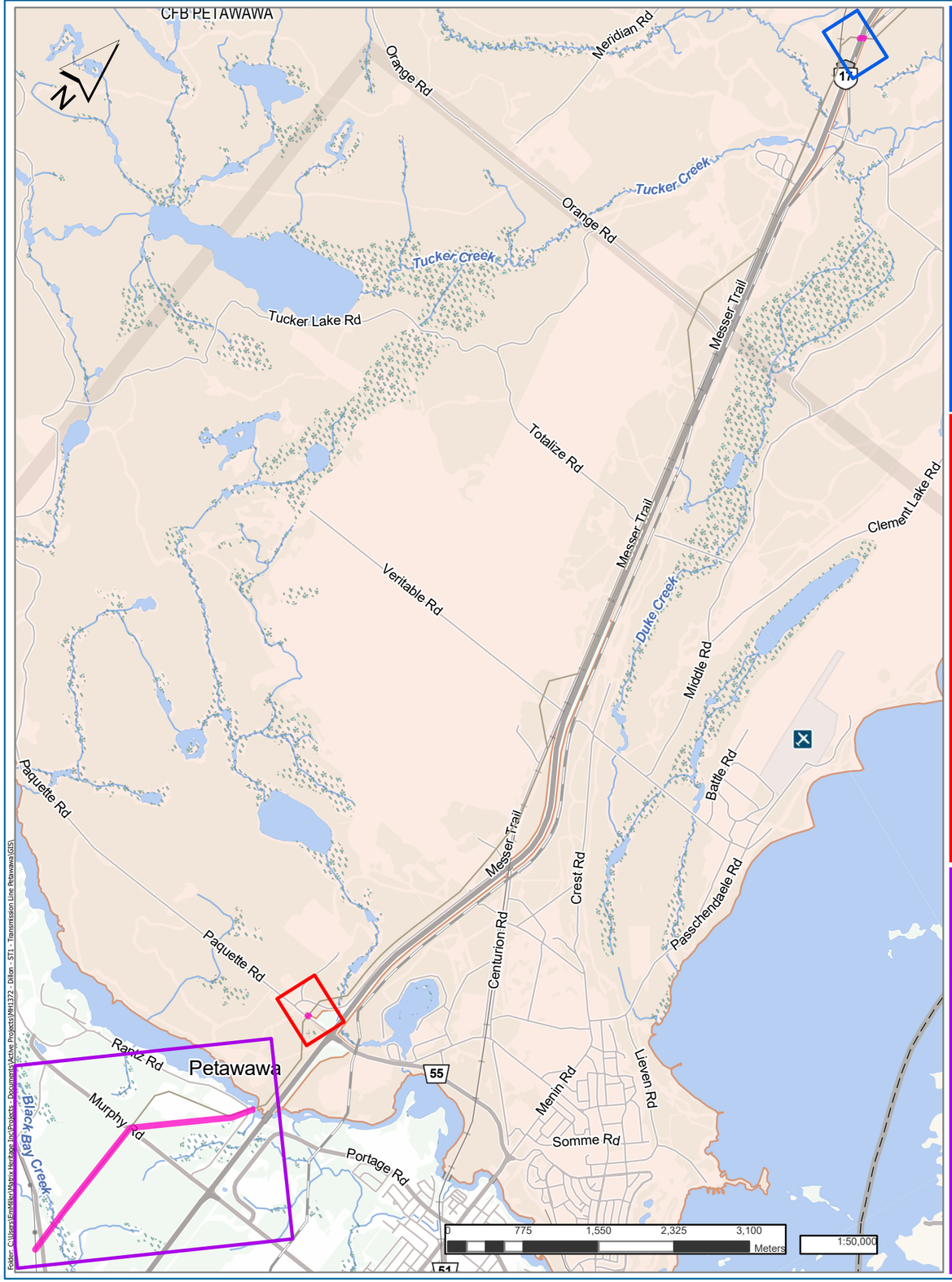
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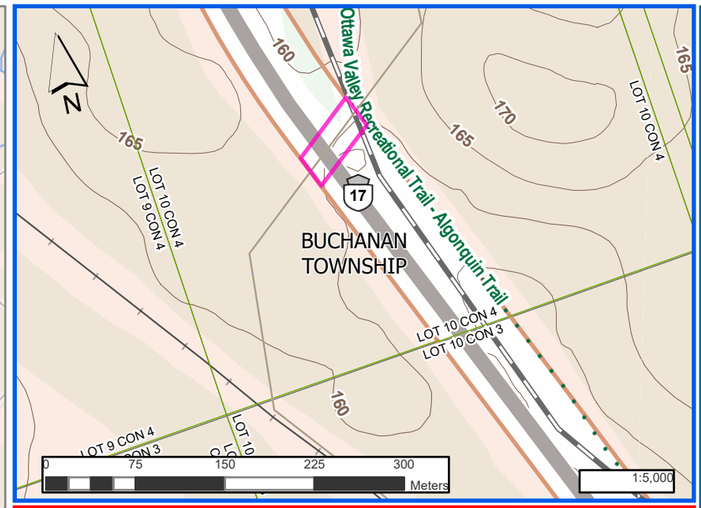
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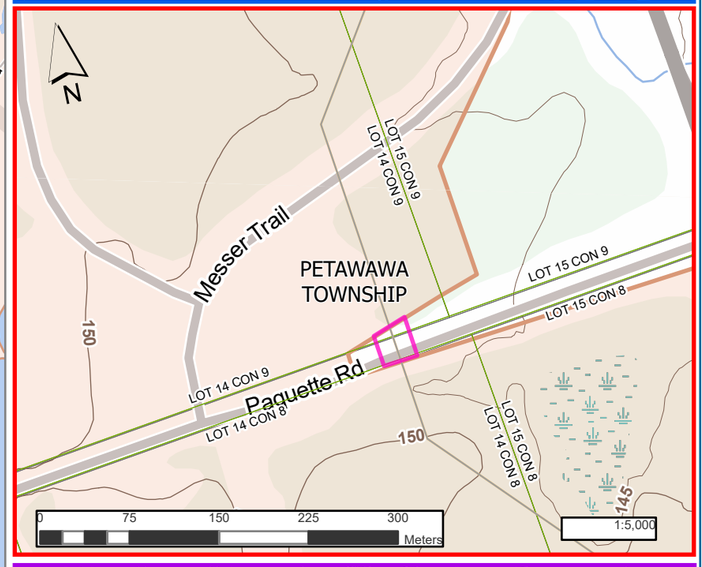
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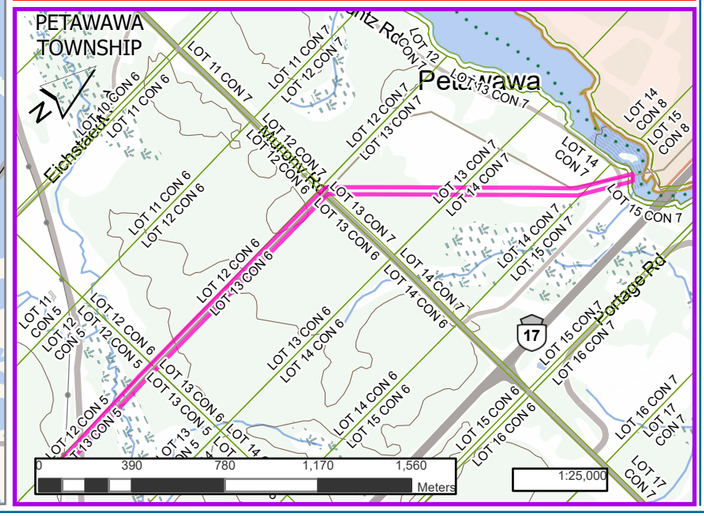
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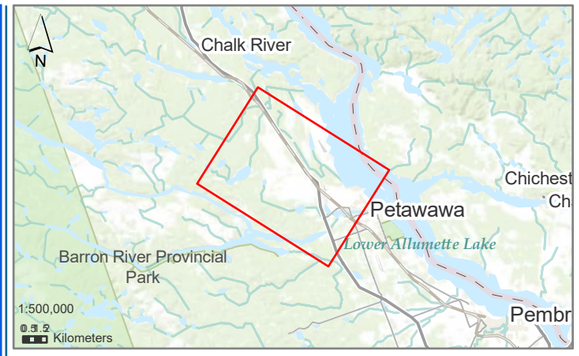
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STUDY AREA

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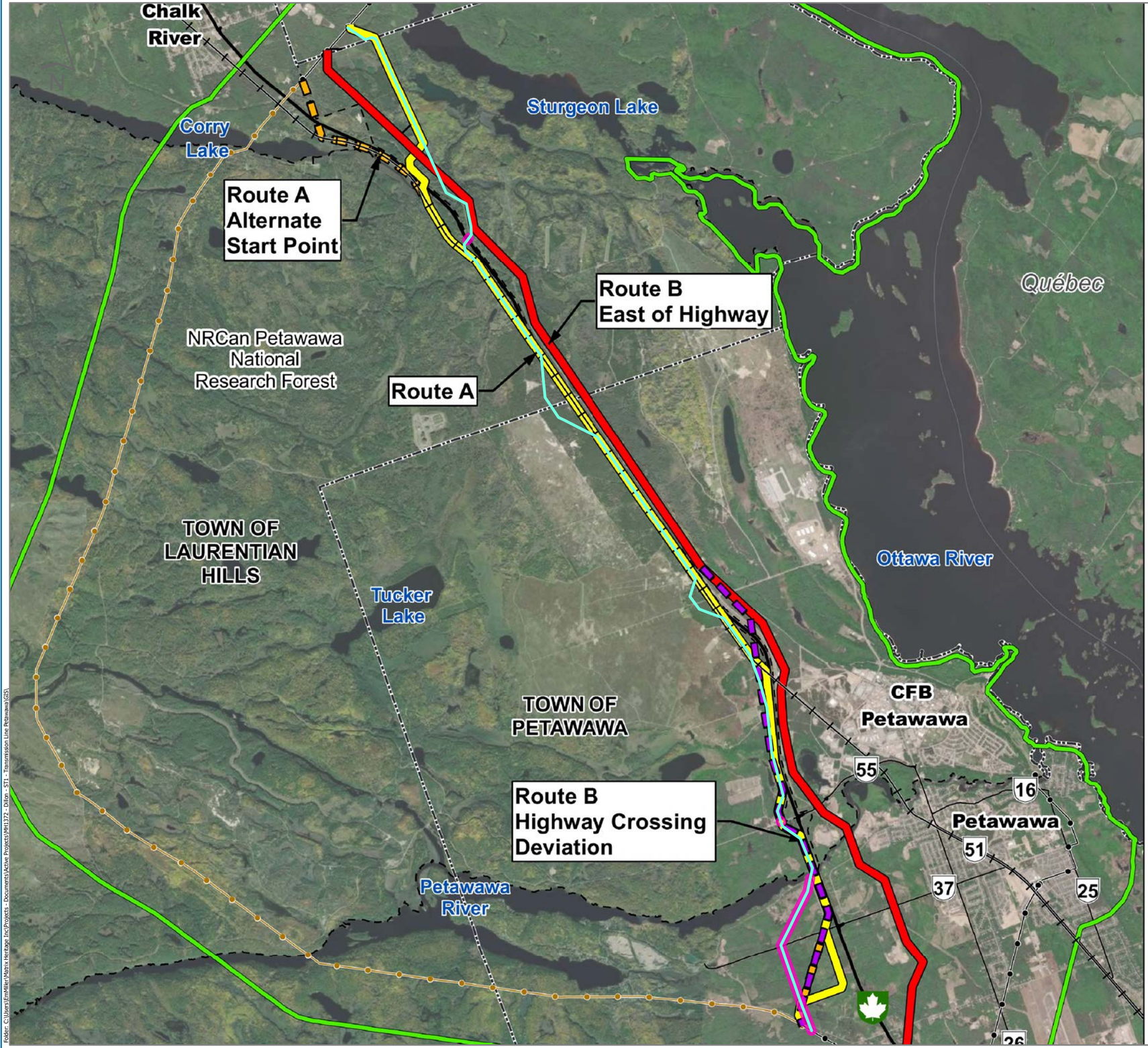
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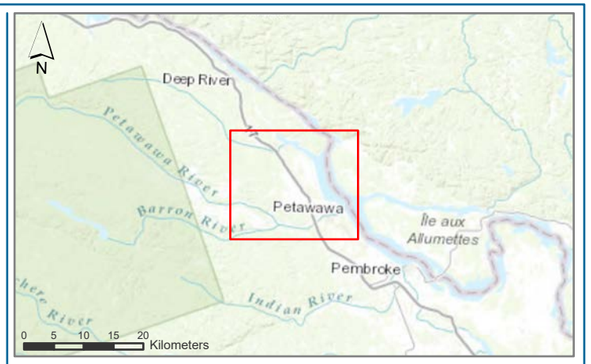
PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION

MAP
1

Folder: C:\Users\EmMiller\Matrix Heritage Inc\Projects - Documents\Active Projects\MH1372 - Dillon - ST1 - Transmission Line, Petawawa\GIS\





LEGEND

STAGE 1

UPDATED ROUTE

Matrix

0 1 2 3 4
Kilometers
1:70,000

REFERENCES:
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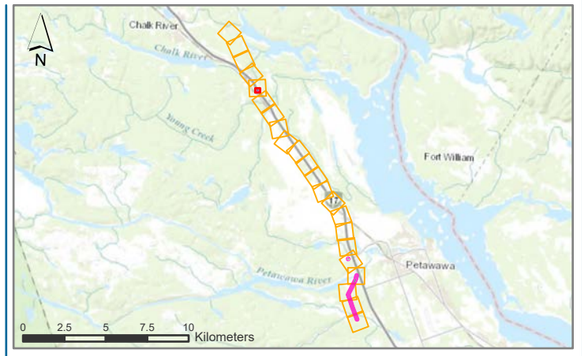
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
DEVELOPMENT PLAN

MAP 2

Folder: C:\Users\EmMiller\Matrix Heritage Inc\Projects - Documents\Active Projects\MH1372 - Dillon - ST1 - Transmission Line Petawawa\GIS\





LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

0 10 20 30 40
Meters

1:1,000

REFERENCES:
PONTIAC, MICROSOFT, VANTOR, ONTARIO BASE MAP, PROVINCE OF ONTARIO, MTQ, ONTARIO MNR, ESRI CANADA, ESRI, © OPENSTREETMAP CONTRIBUTORS, HERE, GARMIN, USGS, NGA, EPA, USDA, NPS, AAFC, NRCAN

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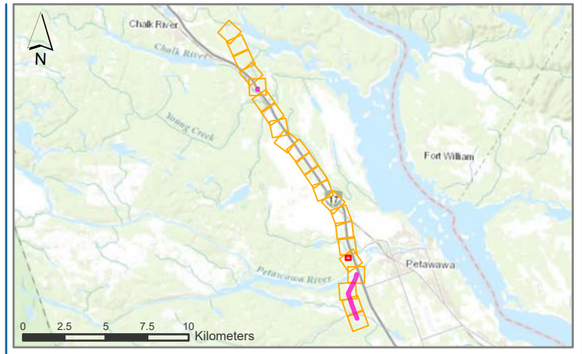
PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
3

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

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Meters

1:1,000

REFERENCES:
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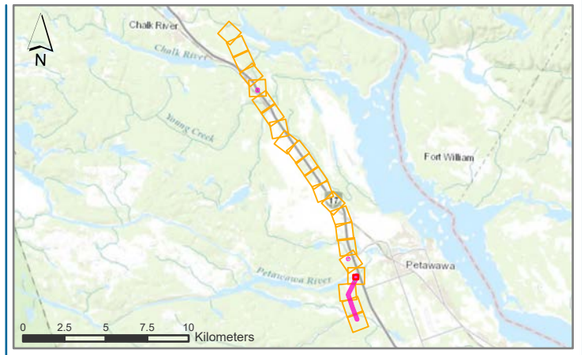
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP 4

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

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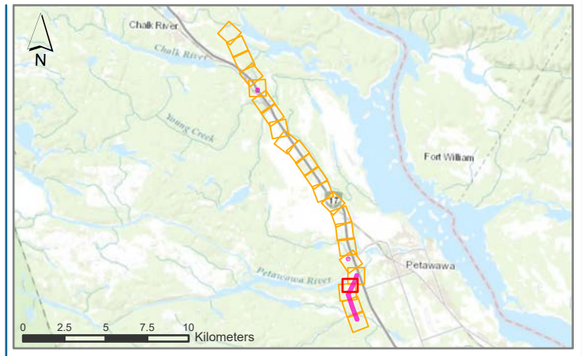
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TITLE
RECOMMENDATIONS

MAP
5

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

0 30 60 90 120
Meters

1:3,000

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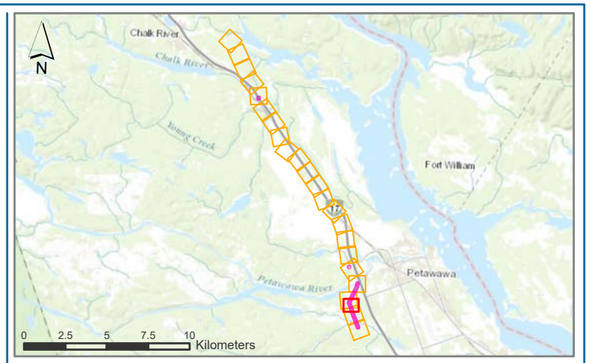
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TITLE
RECOMMENDATIONS

MAP
6

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

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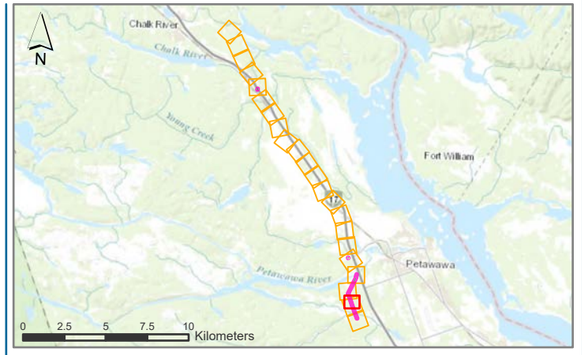
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
7

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

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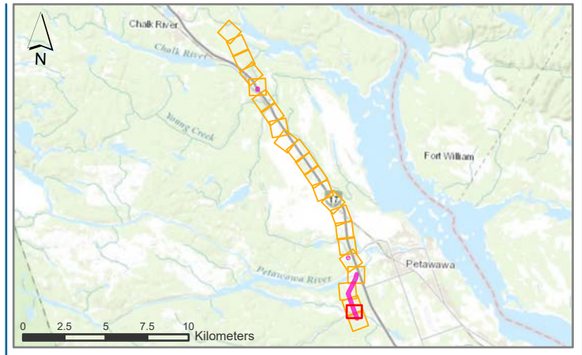
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
8

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

PERMANENTLY WET

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REFERENCES:
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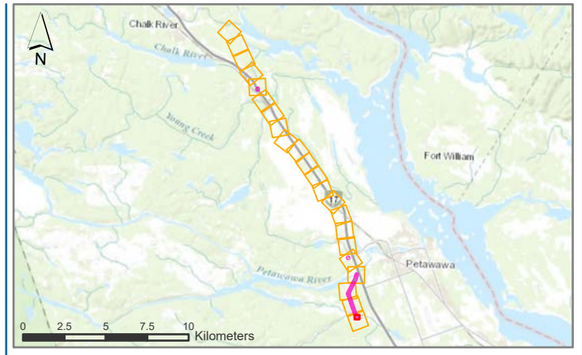
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
9

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LEGEND

STUDY AREA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

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Meters

1:1,000

REFERENCES:
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STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

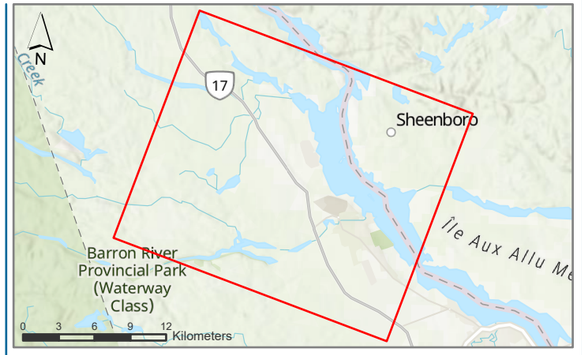
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RECOMMENDATIONS

MAP
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BELL 1862



LEGEND

STUDY AREA

Matrix

0 1,000 2,000 3,000 4,000
Meters
1:80,000

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MAP OF THE COUNTY OF RENFREW COMPILED FROM AUTHENTIC MAPS AND DOCUMENTS BY ANDREW BELL, CIVIL ENG: & SURVEYOR, 1862., W.C. CHEWETT & CO LITH., TORONTO, ONTARIO.

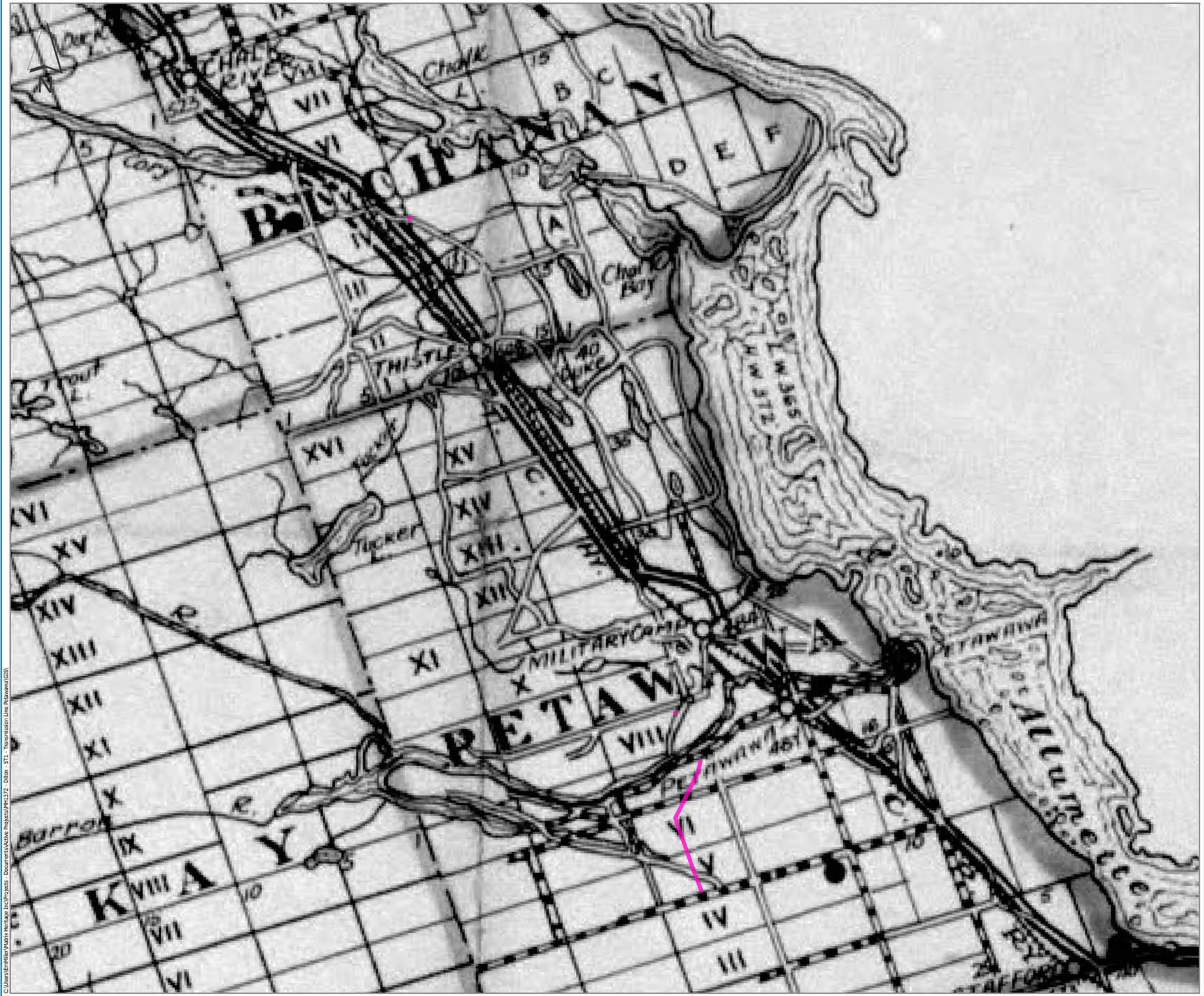
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PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

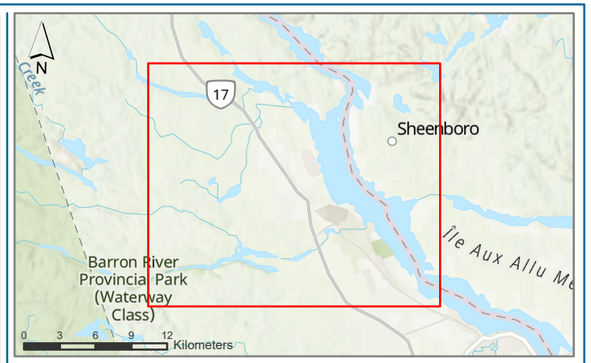
TITLE
HISTORIC

MAP
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LLOYD N.D



LEGEND

0 1,000 2,000 3,000 4,000
Meters
1:80,000

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LLOYDS RENFREW COUNTY MAP, LLOYDS MAPS REG., 64 RICHMOND ST. E., TORONTO. N.D.

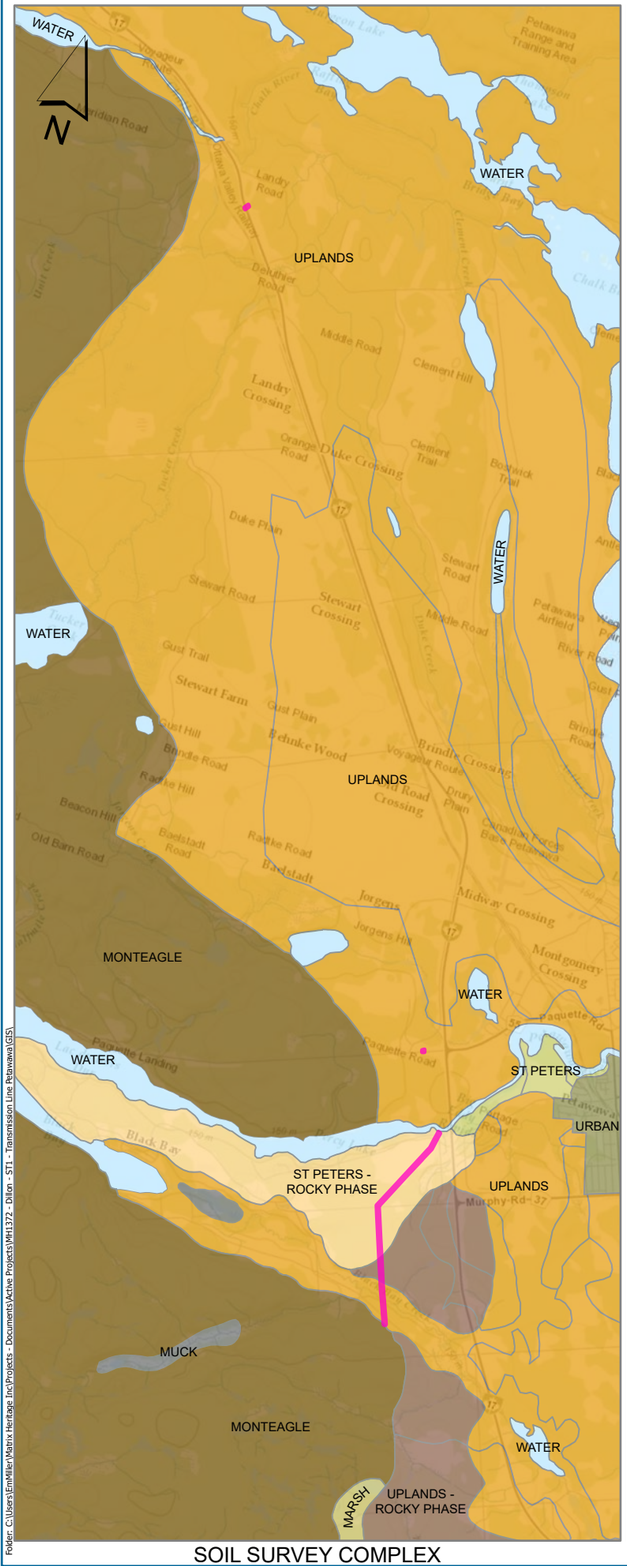
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PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

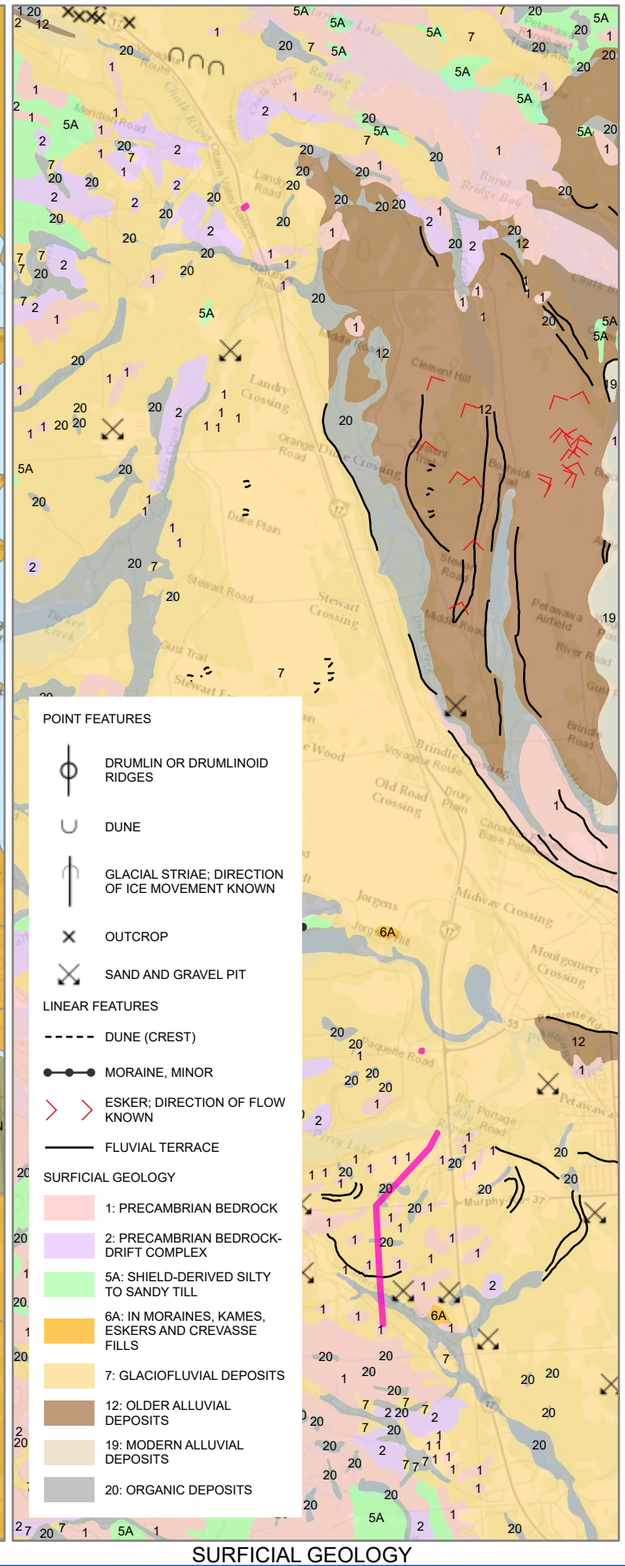
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MAP
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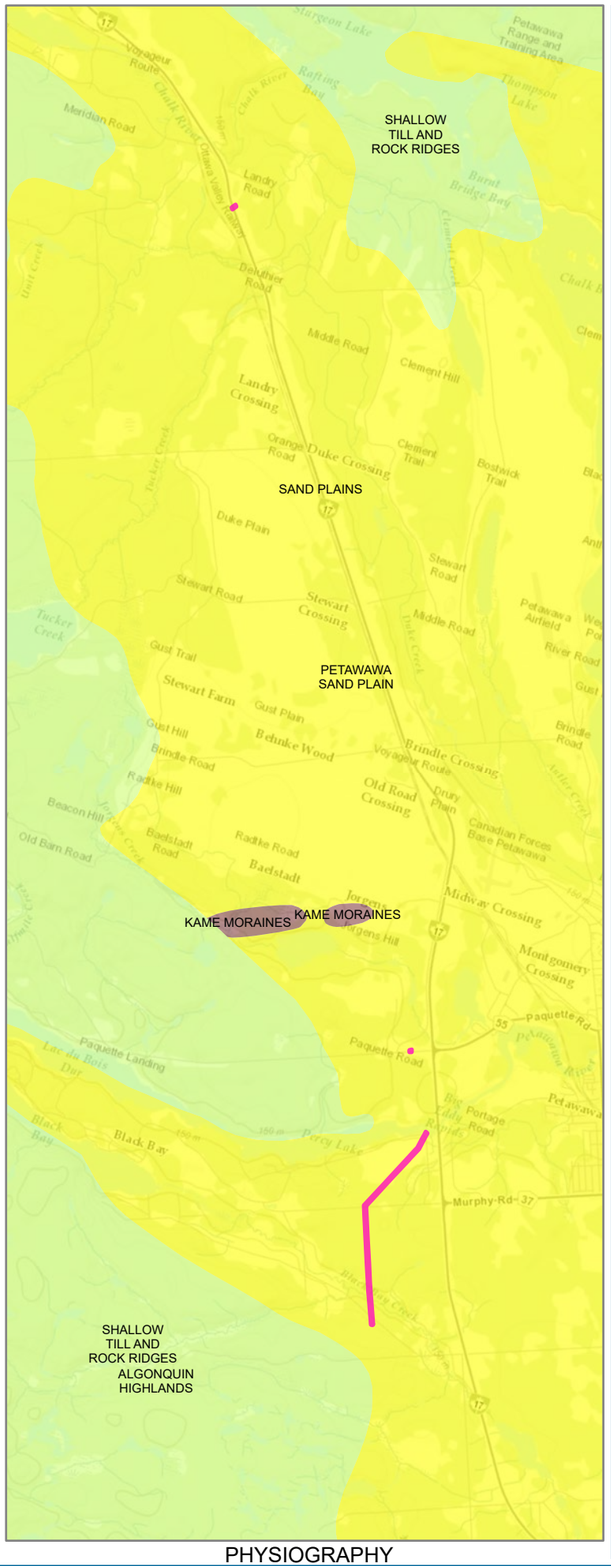
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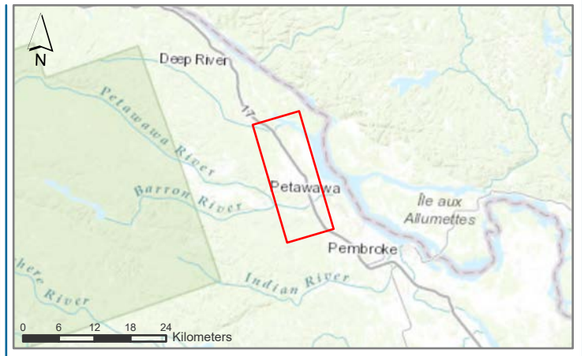
SOIL SURVEY COMPLEX



SURFICIAL GEOLOGY



PHYSIOGRAPHY



LEGEND

STUDY AREA

0 1,300 2,600 3,900 5,200 Meters 1:80,000

REFERENCES:
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SOIL SURVEY COMPLEX LIO
SURFICIAL GEOLOGY OF SOUTHERN ONTARIO 2003
CHAPMAN AND PUTNAM 2007 PHYSIOGRAPHY OF SOUTHERN ONTARIO

FILE MH1372
DATE 2026-01-05
CREATED BY: EM
CHECKED BY: JD
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PROJECT
STAGE 1 ARCHAEOLOGICAL ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
SOILS AND GEOLOGY CHALK RIVER
MAP 13

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Appendix A: Map Catalogue

Map Number	Description	Created By
1	Location	E. Miller
2	Development Plan	E. Miller
3 to 10	Recommendations	E. Miller
11 and 12	Historic	E. Miller
13	Geology and Soils	E. Miller

SUPPLEMENTARY DOCUMENTATION

Stage 1 Archaeological Assessment

Petawawa D6 Transmission Line Relocation

Part Lot 10, Concession 4,
in the Geographic Township of Buchanan,
now the Town of Laurentian Hills,
Renfrew County; and
Part Lot 13, Concession 5; Part Lot 13, Concession 6;
Part Lots 13, 14, and 15, Concession 7; Part Lot 14, Concession 8;
and Part Lot 14, Concession 9;
in the Geographic Township of Petawawa,
now the Town of Petawawa,
Renfrew County

Prepared For:

Hydro One Network Inc.
care of
Dillon Consulting Limited
Daniel Bourassa
12 James St. North, Suite 401
Hamilton, Ontario, L8R 2J9
DBourassa@dillon.ca

January 8, 2026

PIF: P1378-0120-2025
Nadine Kopp (License Number P378)

Report: MH1372-REP.01SD.R1

Matrix Heritage Inc.
6131 Perth Street
Richmond, Ontario
K0A 2Z0
Tel: (613) 807-2071
www.MatrixHeritage.ca

Appendix A: Ministry Advice

Outlook

RE: Corridor Project Buffer

From Tulloch, Heather (MCM) <Heather.Tulloch@ontario.ca>
Date Fri 5/9/2025 12:48 PM
To Ben Mortimer <bmortimer@matrixheritage.ca>
Cc Archaeology (MCM) <archaeology@ontario.ca>

1 attachment (16 KB)
Outlook-lju2mcv0;

Hi Ben,

Thank you for your email. Since you've only been provided a centreline for the corridor, and the proponent has not stipulated the project boundaries, the ministry supports a total 40-meter-wide archaeological assessment project area (20 m on either side of the centreline) for the Stage 1 archaeological assessment(s) related to the high voltage hydro corridor.

However, since you have not been provided project boundaries, please ensure the Stage 1 report(s) includes a recommendation that indicates additional Stage 1 archaeological assessment will be required if any project impacts are planned beyond the limits of the Stage 1 project area. Please also describe in the Development Context how the limits of the project area were determined.

Please note, the expectation is that a detailed development plan depicting the limits of proposed impacts, determined by the proponent, will be included as part of any subsequent Stage 2 archaeological assessment(s) to demonstrate that all areas of proposed impact have been assessed.

Please let me know if you have any further questions.
Have a good weekend,
Heather

Please include a PDF copy of this advice as supplementary documentation to your project report package.

As a standard part of all advice provided to licensees, please note that this advice has been provided by this ministry under the assumption that the information submitted by the licensed archaeologist is complete and accurate. The advice provided applies only to the project in question and is not to be used as a precedent for future projects. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or if the information provided by the licensed archaeologist is otherwise found to be inaccurate, incomplete, misleading, or fraudulent.

Heather Tulloch
Archaeology Review Officer | Heritage Operations Branch/Citizenship, Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
613-790-0486 | heather.tulloch@ontario.ca

Ontario

B-3: Archaeological Overview Assessment



ORIGINAL REPORT

Archaeological Overview Assessment:
Petawawa D6 Transmission Line Relocation

Part Lots 8 and 9, Concession 8,
Geographic Township of Buchanan, now the Town of Deep River, Renfrew County;
Part Lot 11, Concession 1; Part Lots 10 and 11, Concession 2; Part Lot 10, Concession 3; Part Lot 10, Concession 4; Part Lots 9 and 10, Concession 5; Part Lot 9, Concession 6; and Part Lot 8, Concession 7, in the Geographic Township of Buchanan, now the Town of Laurentian Hills, Renfrew County; and
Part Lots 14 and 15, Concession 8; Part Lots 14 and 15, Concession 9; Part Lot 15, Concession 10; Part Lot 15, Concession 11; Part Lots 14 and 15, Concession 12; Part Lot 14, Concession 13; Part Lots 13 and 14, Concession 14; Part Lots 12 and 13, Concession 15; Part Lots 11, 12, and 13, Concession 16; and Part Lots 26, 27, and 28, Range A, in the Geographic Township of Petawawa, now the Town of Petawawa, Renfrew County

Prepared For
Hydro One Network Inc.
care of
Dillon Consulting Limited
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Report: MH1372-REP.02.R1

1.0 Executive Summary

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted an Archaeological Overview Assessment (AOA) of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Maps 1 to 20) (Table 1). This AOA is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 21) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment.

This assessment is in general compliance with the Ontario Ministry of Citizenship and Multiculturalism's (MCM) *Standards and Guidelines for Consulting Archaeologists* (2011) and will satisfy the requirements of the Parks Canada *Guidelines for the Management of Archaeological Resources* (2008) and the *Reference Guide for Archaeological Work on Federal Lands and Lands Underwater* (n.d.). Additional areas within the project falling under provincial jurisdiction are addressed under separate documentation, following the Provincial Standards and Guidelines.

Geographic Township	Concession	Lots	Current Municipality
Buchanan	1	11	Town of Laurentian Hills
Buchanan	2	10 and 11	Town of Laurentian Hills
Buchanan	3	10	Town of Laurentian Hills
Buchanan	4	10	Town of Laurentian Hills
Buchanan	5	9 and 10	Town of Laurentian Hills
Buchanan	6	9	Town of Laurentian Hills
Buchanan	7	8	Town of Laurentian Hills
Buchanan	8	8 and 9	Town of Deep River
Petawawa	8	14 and 15	Town of Petawawa
Petawawa	9	14 and 15	Town of Petawawa
Petawawa	10	15	Town of Petawawa
Petawawa	11	15	Town of Petawawa
Petawawa	12	14 and 15	Town of Petawawa
Petawawa	13	14	Town of Petawawa
Petawawa	14	13 and 14	Town of Petawawa
Petawawa	15	12 and 13	Town of Petawawa
Petawawa	16	11, 12, and 13	Town of Petawawa
Petawawa	Range A	26, 27, and 28	Town of Petawawa

Table 1: Lots and Concessions within the AOA study area.

To maintain consistency with the concurrent Stage 1 Archaeological Assessment, the study area corridor was defined based on the centreline of the proposed hydro transmission line with a 20 m buffer added to both sides for the line to encompass construction impacts. The resulting corridor is a 21 km long, 40 m wide area encompassing a total of 84.5 ha, 71.71 ha of which falls within the scope of this report and 12.72 ha within the separate documentation for provincial lands. At the time of assessment, detailed development mapping was not available and the centreline was provided by HONI as a shapefile.

This archaeological overview assessment included a review of the MCM archaeological site database, a review of relevant environmental, historical, and archaeological literature, and primary historical research including land registry records and historical maps.

This Archaeological Overview Assessment concludes that the study area has both pre-contact Indigenous as well as historical Euro-Canadian archaeological potential.

Based on the results of this investigation it is recommended:

1. An archaeological Impact Assessment be conducted by a consultant archaeologist.

2. Areas of the property with archaeological potential be subject to test pit survey at 5 m intervals (areas shown in dark blue on Maps 22 to 40).
    a. Test pit to within 1 m of built structures (both intact and ruins), or until test pits show evidence of recent ground disturbance.
    b. Ensure that test pits are at least 30 cm in diameter.
    c. Excavate each test pit, by hand, into the first 5 cm of subsoil and examine the pit for stratigraphy, cultural features, or evidence of fill.
    d. Screen soil through mesh no greater than 6 mm.
    e. Collect all artifacts according to their associated test pit.
    f. Backfill all test pits unless instructed not to by the landowner.

3. Confirmation of conditions is required for the areas with low to no archaeological potential as shown in light blue and orange on Maps 22 to 40 and identified as:
    a. Deep and pervasive land disturbance, or
    b. Areas that are permanently wet.

4. Additional Archaeological Overview Assessment will be required if any project impacts are planned beyond the limits of the current AOA project area as delineated in Maps 1 to 20.

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3.0 Project Personnel

Project Director	Nadine Kopp, MA (P378)
Report Preparation	Andrea Jackson, M.Litt. (P1032)
GIS and Mapping	Em Miller
Report Review	Nadine Kopp, MA (P378)

4.0 Project Context

4.1 Development Context

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted an Archaeological Overview Assessment (AOA) of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1 to 20) (Table 2). This AOA is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 21) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment.

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Table 2: Lots and Concessions within the AOA study area.

To maintain consistency with the concurrent Stage 1 Archaeological Assessment, the study area corridor was defined based on the centreline of the proposed hydro transmission line with a 20 m buffer added to both sides for the line to encompass construction impacts. The resulting corridor is a 21 km long, 40 m wide area encompassing a total of 84.5 ha, 71.71 ha of which falls within the scope of this report and 12.72 ha within the separate documentation for provincial lands. At the time of assessment, detailed development mapping was not available and the centreline was provided by HONI as a shapefile.

4.2 Historical Context

4.2.1 Historic Documentation

Notable histories of the Anishinabe Algonquin include: *Algonquin Traditional Culture* (Whiteduck 1995) and *Executive Summary: Algonquins of Golden Lake Claim* (Holmes and Associates 1993a).

The subject property is in the County of Renfrew. There are a few publications of the early history of the county. Notable references include: *Renfrew County, People and Places* (Bennett 1989); and *The Story of Renfrew, From the Coming of the First Settlers about 1820 to 1928* (Smallfield and Campbell 1914). Another useful resource is the Renfrew Supplement in the *Illustrated Atlas of the Dominion of Canada* (Belden & Co. 1881).

4.2.2 Pre-Contact Period

Naming

The Anishinabe Algonquin name for themselves is Anishinabeg, which means "human being." The word Algonquin supposedly came from the Malecite word meaning "they are our relatives", which French explorer Samuel de Champlain recorded as “Algoumequin” in 1603. The name stuck and the term “Algonquin” refers to those groups that have their traditional lands around the Ottawa Valley. Some confusion can arise regarding the term “Algonquian” which refers to the broader language family, of which the dialect of the Algonquin is one. The Algonquian linguistic group stretches across a significant part of North America and comprises scores of Nations related by language and customs.

Early Human Occupation

Indigenous histories speak of the advance and retreat of glaciers and of their presence on the land from time immemorial. Presently, the earliest human occupation of the Americas has been archaeologically documented to predate 14,000 years ago. However, at this time much of eastern Canada was covered by thick and expansive glaciers and the Laurentide Ice Sheet of the Wisconsinian glacier blanketed southwestern Ontario until about 12,500 B.P. At this time the receding glacial terminus was at the southern edge of present-day Georgian Bay and melt water in the region created Early Lake Erie and Lake Iroquois (the basin of today’s Lake Ontario).

The earliest archaeologically recovered evidence in northeastern North America dates from circa 11,000 B.P. and relates to groups archaeologically referred to as Paleo people. For Ontario the Paleo period is divided into the Early Paleo period (11,000 - 10,400 B.P.) and the Late Paleo period (10,500-9,400 B.P.), based on changes in tool technology (Ellis and Deller 1990). The Paleo people, who had moved into hospitable areas of southwest Ontario (Ellis and Deller 1990), likely consisted of small groups of exogamous hunter-gatherers relying on a variety of plants and animals who ranged over large territories (Jamieson 1999).

Archaeological information suggests that ancestral Anishinabe Algonquin people lived in the region for at least 8,000 years before the Europeans arrived in North America. This traditional territory is generally considered to encompass the Ottawa Valley on both sides of the river, in Ontario and Quebec, from the Rideau Lakes to the headwaters of the Ottawa River. The region is dominated by the Canadian Shield which is characterized by low rolling land of Boreal Forest, rock outcrops and muskeg with innumerable lakes, ponds, and rivers. This environment dictated much of the traditional culture and lifestyle of the Anishinabe Algonquin peoples. At the time of European contact, the

Anishinabe Algonquin territory was bounded on the east by the Montagnais people, to the west by the Nipissing and Ojibwa, to the north by the Cree, and to the south by the lands of the Iroquois.

Archaic Period

As the climate continued to warm, the glacial ice sheet receded further northwards allowing areas of Eastern Ontario to be travelled and occupied in what is known as the Archaic Period (9,500 – 2,900 B.P.). In the Boreal forests of the Canadian Shield this cultural period is referred to as the "Shield Archaic". The Archaic period is generally characterized by increasing populations, developments in lithic technology (e.g., ground stone tools), and emerging trade networks.

Archaic populations remained hunter-gatherers with an increasing emphasis on fishing. People began to organise themselves into small family groups operating in a seasonal migration, congregating annually at resource-rich locations for social, religious, political, and economic activities. Sites from this period in the region include Morrison's Island-2 (BkGg-10), Morrison's Island-6 (BkGg-12) and Allumette Island-1 (BkGg-11) near Pembroke, and the Lamoureaux site (BiFs-2) in the floodplain of the South Nation River (Clermont 1999). Often sites from this time are located on islands, waterways, and at narrows on lakes and rivers where caribou and deer would cross, suggesting a common widespread use of the birchbark canoe that was so prominent in later history (McMillan 1995). It is suggested that the Algonquin peoples in the Ottawa Valley area developed out of this Shield Archaic culture.

Woodland / Pre-European Contact Period

Generally, the introduction of the use of ceramics marks the transition from the Archaic Period into the Woodland period. Populations continued to participate in extensive trade networks that extended across much of North America. Social structure appears to have become increasingly complex with some status differentiation recognized in burials. Towards the end of this period domesticated plants were gradually introduced to the Ottawa Valley region. This coincided with other changes including the development of semi-permanent villages. The Woodland period is commonly divided into the Early Woodland (1000 – 300 B.C.), Middle Woodland (400 B.C. to A.D. 1000), and the Late Woodland (A.D. 900 – European Contact) periods.

The Early Woodland is typically noted via lithic point styles (i.e., Meadowood bifaces) and pottery types (i.e., Vinette I). Early Woodland sites in the Ottawa Valley region include Deep River (CaGi-1) (Mitchell 1963), Constance Bay I (BiGa-2) (Watson 1972), and Wyght (BfGa-11) (Watson 1980). The Middle Woodland period is identified primarily via changes in pottery style (e.g., the addition of decoration). Some of the best documented Middle Woodland Period sites from the region are from Leamy Lake Park (BiFw-6, BiFw-16) (Laliberté 1999). On the shield and in other non-arable environments, including portions of the Ottawa Valley, there seems to remain a less sedentary lifestyle often associated with the Algonquin groups noted in the region at contact (Wright 2004:1485–1486).

The Woodland Period Algonquin peoples had a social and economic rhythm of life following an annual cyclical pattern of seasonal movements. Subsistence was based on small independent extended family bands operating an annual round of hunting, fishing, and plant collecting. Families returned from their winter hunting camps to rejoin with other groups at major fishing sites for the summer. The movements of the people were connected with the rhythm of the natural world around them allowing for efficient and generally sustainable subsistence. Their annual congregations facilitated essential social, political, and cultural exchange.

The Algonquin peoples also established significant trade networks and a dominance of the Ottawa River (in Algonquian the “Kitchissippi”) and its tributaries. The trade networks following the Ottawa River connected the Algonquins to an interior eastern waterway via Lake Timiskaming and the Rivière des Outaouais to the St. Maurice and Saguenay as well as the upper Great Lakes and interior via Lake Nipissing and Georgian Bay. From there their Huron allies would distribute goods to the south and west. The Iroquois and their allies along the St. Lawrence River and the lower Great Lakes dominated the trade routes on those waterways to the south thus leading to a rivalry that would escalate with European influence (Moreau et al. 2016).

4.2.3 Contact Period

European Contact

The addition of European trade goods to artifacts of native manufacture in archaeological material culture assemblages’ ushers in a new period of history. Archaeological data shows that European goods penetrated the Canadian Shield as early as 1590 and the trade was well entrenched by 1600 through the trade routes established by the Anishinabe Algonquin peoples along the Ottawa River (Moreau et al. 2016) and their neighbouring allies the Michi Saagiig and the Chippewa nations.

The first recorded meeting between Europeans and Anishinabe Algonquin occurred at the first permanent French settlement on the St. Lawrence at Tadoussac in the summer of 1603. Samuel de Champlain came upon a party of Algonquins, the Kitchissippirini under Chief Tessouat, who were celebrating a recent victory over the Iroquois with their allies the Montagnais and Malecite (Hessel 1993). Champlain made note of the “Algoumequins” and his encounter with them, yet the initial contact between Champlain and the Algonquin people within their own territory in the Ottawa Valley was during his travels of exploration in 1613.

By the time of Champlain’s 1613 journey, the Anishinabe Algonquin people along the Ottawa River Valley were important middlemen in the rapidly expanding fur-trade industry. Champlain knew this and wanted to form and strengthen alliances with the Algonquins to further grow the fur-trade, and to secure guidance and protection for future explorations inland and north towards a potential northwest passage. Further, involving the Algonquins deeper in the fur trade promised more furs filling French ships and more Indigenous dependence on European goods. For their part, the French offered the promise of safety and support against the Iroquois to the south.

Early historical accounts note many different Algonquian speaking groups in the region at the time. Of note for the lower Ottawa Valley area were the Kichesipirini (focused around Morrison Island); Matouweskarini (upstream from Ottawa, along the Madawaska River); Weskarini (around the Petite Nation, Lièvre, and Rouge rivers west of Montreal), Kinounchepirini (in the Bonnechere River drainage); and the Onontchataronon, (along the South Nation River) (Holmes and Associates 1993a; Morrison 2005; Pilon 2005). However, little archaeological work has been undertaken regarding Anishinabe Algonquin at the time of contact with Europeans (Pilon 2005).

Fur Trade, Early Contact with the French

Champlain understood that the Anishinabe Algonquin would be vital to his eventual success in making his way inland, exploring, and expanding the fur trade. This was partially due to their language being the key to communication with many other groups, as well as their dominance over trade routes surrounding the Ottawa River and the connection with the Huron in the west.

When the French arrived, there was already a vast trade network in place linking the Huron and the Algonquins, the Michi Saagiig and Chippewa, extending from the Saguenay to Huronia. This route

existed at least from the very early beginnings of agricultural societies in Ontario around A.D. 1000 (Moreau et al. 2016). This trade increased rapidly after the arrival of the Europeans with the introduction of European goods and the demand for furs. The Huron held a highly strategic commercial location controlling the trade to the south and the west, and the Algonquin, Michi Saagiig, and Chippewa were their critical connection to goods from the east, including European products.

By the mid-17th century, the demands of the fur trade had caused major impacts to the traditional way of life including a change in tools, weapons, and a shift in diet to more European as hunting was more for furs and not for food. This dependence on European food, ammunition, and protection tied people to European settlements (McMillan 1995). The summer gathering sites shifted from prominent fishing areas to trading posts. This further spurred social changes in community structure and traditional land distribution and use.

The well-situated Anishinabe Algonquin, particularly the Kitchesipirini who controlled passage around Allumette Island, were originally reluctant to cede any of their dominance in fear of being cut out of their lucrative middleman role in the trade economy. However, an alliance with the French meant protection and assistance against the Iroquois. The French, as well as other Europeans like the Dutch and English, were able to align their own political and economic rivalries with those of the native populations. The competitive greed and obsession with expanding the fur trade entrenched the rivalries that were already in place, and these were intensified by European weapons and economic ambition.

Haudenosaunee (Iroquois) Wars

Little information exists about inter-tribal warfare prior to European contact, however, there was existing animosity between the Haudenosaunee and the Anishinabe Algonquin when Champlain first arrived in the Ottawa Valley. Like his fellow Europeans, Champlain was able to use this existing rivalry to make a case for an alliance, thus gaining crucial access to the established trade networks and economic power of the Anishinabe Algonquin. Prior to European contact, the hostilities had been mainly skirmishes and raids, but everything changed as European reinforcement provided deadlier weapons and higher economic stakes with the introduction of the fur trade.

Along with the French, the Anishinabe Algonquin were allied against the Haudenosaunee with the Huron, Nippissing, Michi Saagiig, and Chippewa. French records suggest that at the end of the sixteenth century the Algonquins were the dominant force and were proud to have weakened and diminished the Iroquois. The first Algonquin campaign the French took part in was a 1609 attack against the Mohawk. The use of firearms in this fight marked the beginning of the escalation of brutality between these old enemies. The Haudenosaunee corn stalk shields could stop arrows but not bullets or French swords (Hessel 1993).

Eventually the tide changed and as the Haudenosaunee exhausted the beaver population in their own territory they became the aggressors, pushing into the lands of the Anishinabe Algonquin, Michi Saagiig, Chippewa, and Huron, with the added strength of Dutch weaponry. Through the 1630s and 40s constant and increased raiding into Anishinabe Algonquin, Michi Saagiig, and Chippewa territory by the Haudenosaunee nations had forced many multi-generational residents to leave their lands and seek protection from their French allies in places like Trois Rivieres and Sillery while others fled to the north. By 1650 Huronia, the home of the long-time allies of the Anishinabe Algonquin and traditional and treaty territory of the Chippewa, had been destroyed by the Haudenosaunee. The Anishinabe Algonquin of the Ottawa Valley had largely been scattered or displaced, reduced through war and disease to small family groups under the protection of the French missions only fifty years after the first Europeans had travelled the Ottawa River (Morrison 2005:26).

There is some evidence that the Anishinabe Algonquin did not completely abandon the Ottawa Valley but withdrew from the Ottawa River to the headwaters of its tributaries and remained in those interior locations until the end of the century. Taking advantage of the Anishinabe Algonquin absence, the Ottawa people, originally from the area of Manitoulin Island, used the river for trade during this time and their name became historically applied to the river.

Aftermath of War

As the Haudenosaunee push continued and the Anishinabe Algonquin sought refuge amongst their French allies, other factors came into play that significantly contributed to their displacement and near destruction. The introduction of European diseases, the devastating influence of alcohol, and the increasing pressure to convert to Christianity massively contributed to the weakening of the Anishinabe Algonquin people and their traditional culture.

The Anishinabe Algonquin thought of themselves as part of the natural world with which they must live in harmony. The traditional stories of Anishinabe Algonquin folklore contained lessons and guides to behaviour. The French missionaries regarded them as “heathens” and dismissed their religion as superstition (Day 2005). The missionaries believed it was their duty to convert these people to Christianity to save them from evil. Anishinabe Algonquin chief Tessouat had seen his Huron neighbours become ill and die after interactions with the European missionaries and had thus originally warned his people about abandoning their old beliefs and the dangers of conversion (Hessel 1993). Eventually the French imposed laws allowing only those converted to Christianity to remain within the missions and under French protection. This created divisions amongst the Anishinabe Algonquin themselves which weakened the social structure as some settled into a new religion and new territory.

Starting in the 1630s and continuing into the 1700s, European disease spread among the Anishinabe Algonquin groups along the Ottawa River, bringing widespread death (Trigger 1986:230). As disease spread through the French mission settlements the priests remained certain that the suffering was punishment for resisting Christianity. An additional threat lurking amongst the French settlements was alcohol which precipitated many issues.

The Long Way Back

After the Haudenosaunee (Iroquois) Wars, the remaining Anishinabe Algonquin people were generally settled around various French trading posts and missions from the north end of the Ottawa Valley to Montreal. A large settlement at Oka was the first mission established on Anishinabe Algonquin lands in 1720. This settlement included people from many groups who had been collected and moved around from various locations. It became a type of base camp; occupied during the summer while the winters were spent at their traditional hunting territories in the upper Ottawa Valley. This arrangement served the French well, since the Anishinabe Algonquin converts at Oka maintained close ties with the northern bands and could call upon the inland warriors to join them in case of war with the British or Iroquois League.

As the British gained control of Canada from the French in 1758-1760 they included in the Articles of Capitulation a guarantee that the Indigenous allies of the French would be maintained in the lands they inhabited. Many of the Anishinabe Algonquin and other native groups that had been living on French mission settlements were shuffled around to new reserves while others began to migrate back to their traditional territories. Those who had remained on the land and continued to be active in the fur trade, now did so with the English through companies in Montreal like the North West Company, and in the north with the Hudson Bay Company.

Some Anishinabe Algonquin people began to return to their traditional territory to join those groups who had remained in the lower Ottawa Valley and continued their traditional lifeway through to the influx of European settlement in the late 1700s and early 1800s. This included bands noted to be living along the Gatineau River and other rivers flowing into the Ottawa. These traditional bands maintained a seasonal round focused on harvesting activities into the 1800s when development pressures and assimilation policies implemented by the colonial government saw Indigenous lands taken up, albeit under increasing protest and without consideration for Indigenous claims, for settlement and industry. Anishinabe Algonquin lands began to be encroached upon by white settlers involved in the booming lucrative logging industry or having been granted the land as Loyalist soldiers or through other settler groups.

As some Anishinabe Algonquin had been redistributed to lands in Quebec, their traditional territory within the Ottawa Valley was included in multiple land transfer deals, agreements, and sales with the British Crown beginning in the 1780s and continuing till the 1840s. The Anishinabe Algonquin were not included in these transactions and numerous petitions and inquiries on behalf of their interests were often overruled or ignored (Holmes and Associates 1993a; Holmes and Associates 1993b; Sarazin). The Constitution Act of 1791 divided Quebec into the Provinces of Upper and Lower Canada with Ottawa River as the division line, thus the lands claimed by the Algonquins fell under two separate administrations creating more confusion, exclusion, and oversight.

Two “protectorate” communities were eventually established in the nineteenth century for the Anishinabe Algonquin people at Golden Lake in Ontario and River Desert (Maniwaki) in Quebec. One of the last accounts of the Anishinabe Algonquin living traditionally was from 1865. The White Duck family was living just west of Arnprior when they were forced to leave their wigwams as surveyors arrived to tell them the railway was being expanded through their land (Hessel 1993).

Anishinabe Algonquin people continue to live in the wider Ottawa Valley and there are still many speakers of several Algonquian dialects. Outside of the officially recognized bands there are an unspecified number of people of Anishinabe Algonquin decent throughout the Ottawa Valley unaffiliated with any reserve. Today there are ten Anishinabe Algonquin communities that comprise the Algonquins of Ontario: The Algonquins of Pikwakanagan First Nation, Antoine, Kijicho Manito Madagouskarini, Bonnechere, Greater Golden Lake, Mattawa/North Bay, Ottawa, Shabot Obaadjiwan, Snimikobi, and Whitney and area.

Struggles to officially secure title to their traditional land and fight for hunting and fishing rights have continued into modern times. The Algonquins of Ontario (AOO) and the Governments of both Canada and Ontario are working together to resolve this land claim through a negotiated settlement. The claim includes an area of 9 million acres of unceded territory within the watersheds of the Ottawa and Mattawa Rivers in Ontario including the city of Ottawa and most of Algonquin Park. The signing of the Agreement-in-Principle in 2016 by the AOO and the provincial and federal governments, signifying a mutual intention for a lasting partnership, was a key step towards a final agreement to clarify the rights and nurture new economic and development opportunities in the area.

4.2.4 Euro-Canadian Colonial History

Renfrew County

The area that is now Renfrew County was originally part of the Johnstown District, which was formed in 1798 when the new Parliament of Upper Canada subdivided the territory of the Eastern District. In 1822, the Johnstown District territory was reduced with the creation of the Bathurst District, the northernmost portion of the former district. The Bathurst district contained Carleton County. In 1824, Lanark County was created from part of Carleton County, which originally comprised ten townships

and the remainder of unsurveyed lands within the Bathurst District including what would become Renfrew County. In 1838, Carleton County was withdrawn to create the Dalhousie District, and the Bathurst District was reorganized. Renfrew County was removed from the remaining portion of Lanark County, but the two remained united for electoral purposes. Renfrew county originally contained six townships including McNab, and by 1845 all ten townships within the county had been surveyed. In 1850, the Bathurst District was abolished, and the "United Counties of Lanark and Renfrew" replaced it for municipal and judicial purposes. The United Counties were dissolved in 1866 (Smallfield and Campbell 1914:191).

The Upper Ottawa Valley was an area rich in natural resources and Europeans were drawn there initially to exploit its vast timber supplies. Accessibility to this area was through the Ottawa and Madawaska Rivers and one of the earliest lumber firms to cut timber in what would later become McNab Township in Renfrew County were the McConnell Brothers of Hull. As early as 1812 this firm cut squared timber in the area seasonally and soon “the banks of the Madawaska were denuded of their choicest timber before the advent upon the scene of the pioneer settler” (Belden & Co. 1881:51).

Temporary lumber camps began to dot the landscape and the transient workforce that worked them were fed by squatters who would clear and farm the lands near them. The earliest European squatters of the township settled on government land with the intention to acquire legal title before the township was surveyed in early 1824.

Geographic Township of Buchanan

The Geographic Township of Buchanan was opened for European settlement in 1857 (RBWM Historical Society 2020). It is unclear who the township was named for, but local history provides two options. One option as the township namesake is George Buchanan who was an Arnprior industrialist who was struck during a timber drive and drowned in Chats Lake in 1837 (RBWM Historical Society 2020). A more likely candidate was the Honourable Isaac Buchanan who served as a member of the Legislative Assembly of Canada and was a distinguished merchant in Upper Canada, a co-founder of the Great Western Railway, and heavily supported the development of provincial roads (RBWM Historical Society 2020). Buchanan Township, like its neighbouring townships, experienced its boom during the active timber and lumber days of the mid 19th century. In 2000, Buchanan amalgamated with the neighbouring townships of Rolph, Wylie, and McKay, and the village of Chalk River to form the current municipality of the Town of Laurentian Hills.

Geographic Township of Petawawa

The Geographic Township of Petawawa is said to have been named after an elderly Indigenous woman who lived on the banks of the Ottawa River (Hopkins n.d.). However, it has been claimed that the word Petawawa comes from the Algonquin word *biidaawewe* meaning “where one hears a noise like this” (Town of Petawawa n.d.). Early European visitors to the area included Samuel de Champlain on his journey in 1613 and later by early French fur traders who used the trails along the Petawawa River as part of their trade route. Following these early journeys, the Hudson Bay Company designated the area as a “strategic location” and established Fort William on the Quebec side of the Ottawa River opposite Petawawa in 1823 (Town of Petawawa n.d.). The first survey of Petawawa township to open the area to European settlers was in 1857. These European settlers, who were initially Scottish and Irish followed by Germans in 1885, found that the land was not suitable for farming but provided seemingly endless supply of large pine for the timber and lumber trade. With the boom supplied by lumber, the population and infrastructure grew, and Petawawa was incorporated as a township in 1865 (Town of Petawawa n.d.). In 1905, the federal government purchased lands from many of the early German and French settlers to create Camp Petawawa, which today is Canadian Forces Base Petawawa, one of the largest military bases in Canada. During

the first and second world wars, the Petawawa base was used as an internment camp for German prisoners of war. In 1961, the urban area of Petawawa was incorporated into a separate village municipality. Over thirty years later, in 1997, the village and the township amalgamated to form the Town of Petawawa.

4.2.5 Study Area Specific History

The overall study area is a narrow corridor extending from west of the Pembroke airport to the southwest of the town of Chalk River. The study area crosses multiple lots and concessions of both the Geographic Township of Buchanan (now the Town of Laurentian Hills and the Town of Deep River), and the Geographic Township of Petawawa (now the Town of Petawawa) within Renfrew County. Most of the overall study area falls within federal lands with only the southern portion south of the Petawawa River, and two small additional sections further to the north, falling within provincial lands which are addressed in separate documentation under provincial guidelines. Historic mapping, while on such a scale that no structures are shown, does depict the Petawawa and Chalk Rivers crossing the study area (Maps 41 and 42). Property histories details by lot are outlined below in Table 3.

Geographic Township	Con	Lot	Land Registry Detail
Buchanan	1	11	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	2	10	Patented to James McCauley in 1905. Sold by McCauley to the Crown in 1906.
	2	11	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	3	10	Patented to Alexander McDonald in 1883. Sold to Charles Coulter in 1884. Sold to William Thistle in 1887. Heirs of Thistle sold to the Crown in 1906.
	4	10	Patented to John Young in 1875. Heirs of Young to Oliver Young in 1903. Young sold to the Crown in 1908.
	5	9	**Eastern Half**: Patented to Thomas and William Murray in 1895. Heirs of William Murray sold to Oliver Young in 1903. Young sold to the Crown in 1908. **Western Half**: Vesting order in Council turning land over to the Government of the Province of Ontario in 1959.
	5	10	Part of a Reference plan in 1982. Crown lands.
	6	9	No land registry available
	7	8	No land registry available
	8	8	Patented to Richard Watson in 1903. Sold to William Springer in 1904. Sold to John Hollener in 1907. Sold to Charles Butt in 1907. Sold to the Crown in 1944.
	8	9	Patented to Wilhelm Jackman in 1912. Jackman's widow sold to Charles Koops in 1926. Granted to Bertha Koops in 1928. Granted to the Crown in 1944.
Petawawa	8	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	8	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	9	14	Order in Council of the land to the Ministry of Transportation and Communication, 1972.

Geographic Township	Con	Lot	Land Registry Detail
	9	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	10	15	Order in Council of the land to the Ministry of Transportation and Communication, 1972.
	11	15	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	12	14	No land registry available
	12	15	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	13	14	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	14	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	14	14	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	15	12	No land registry available
	15	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	16	11	No land registry available
	16	12	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	16	13	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	Range A	26	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	Range A	27	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.
	Range A	28	Vesting order in Council turning the land over to the Government of the Province of Ontario in 1959.

Table 3: Land registry property histories by lot.

4.3 Archaeological Context

4.3.1 Current Conditions

The 84.5 ha study area is a 21 km long strip extending from west of the Pembroke airport to the southwest of the town of Chalk River. The study area crosses multiple lots and concessions of both the Geographic Township of Buchanan (now the Town of Laurentian Hills and the Town of Deep River), and the Geographic Township of Petawawa (now the Town of Petawawa) within Renfrew County. The AOA study area (71.71 ha) consists of the sections of the corridor that fall within federal lands. The sections of the corridor within provincial lands (12.72 ha) are mainly in the southern end of the corridor, south of the Petawawa River, with two small additional sections further to the north. These additional lands are addressed in separate documentation under provincial guidelines. The study area corridor generally follows existing infrastructure like the trans-Canada highway, a former rail line, and previous transmission lines through a landscape that is mostly forested (Maps 22-40).

4.3.2 Physiography

The study area lies within the Petawawa Sand Plain physiographic region (Map 43). This sand plain on the Ontario side of the river is interrupted by several outcrops of Precambrian rocks. The sand plain region extends south of Pembroke and covers an estimated 130 square miles. The plain originates as a delta built in the Champlain Sea by the Petawawa, Barrow, Indian, and Ottawa Rivers during the Fossmill stage of Lake Algonquin. Agriculture in the area is generally poor, and thus the early economy was focused on timber resources (Chapman and Putnam 2007).

The soils of the study area are mainly of the Uplands series with some St. Peters soils within the lots on Concession 7 near Petawawa (Map 43). The parent materials of the Uplands soil type were deposited by water as it flowed out over the area in front of the glacier. As the rate of flow of water decreased, particles of sand and fine gravel settled out to form the outwash plains of today. The Uplands soil series developed on these strongly undulating to rolling outwash materials of sand or sandy loam under good to excessive drainage conditions. There are no boulders within the profile although very occasionally one may be found on the surface. The natural forest for this soil type is a coniferous forest. The cultivated surface soil is very low in organic matter and available plant nutrients are in short supply. The soil is not well suited to general farming because of low fertility and a tendency to be droughty (Matthews and Richards 1954).

St. Peter's soils are coarse, gravelly soils that occur exclusively within the Precambrian Shield in the Townships of Denbigh and Abinger. The soil materials consist of gravel and sand deposited by fast-flowing streams and form much of the river terrace deposits and alluvial flood plains of the Mississippi River. Some agricultural use is made of these soils because in many areas they are the only boulder-free soils that exist. Cultivation however is limited to a few acres per farm and the crops that are grown are chiefly hay and oats (Gillespie and Wicklund 1964).

The surficial geology of the study area is mainly glaciofluvial deposits and delta topset facies (Map 43). In the central portion of the study area there are some areas of Precambrian bedrock and pockets of organic deposits of peat, muck, and marl.

The study area is just to the west of the Ottawa River and there are numerous lakes, creeks, and tributary rivers throughout the landscape. The southern end of the study area crosses the Petawawa River, just east of Percy Lake. As the study area continues north it crosses Jorgens Creek, with Jorgens Lake to the west and Brennan's Lake to the east. Duke Creek flows just to the east of the study area which then crosses Landry Creek, Tucker Creek, and Young Creek before crossing Chalk River which flows into Corry Lake to the west with Sturgeon Lake to the east.

4.3.3 Previous Archaeological Assessments

Archaeological work in the region has primarily consisted of cultural resource management studies related to specific properties or development projects. There has been no previous assessment of the study area, however, there have been assessments adjacent to the property. Table 4 outlines previous cultural resource management archaeological work that has been undertaken within the Geographic Townships of Buchanan and Petawawa.

In 2015, Stantec Consulting conducted a Stage 1 assessment for lands within a proposed natural gas pipeline to serve the Chalk River facility (Stantec Consulting Ltd 2015a). The southern edge of this study area followed the existing hydro corridor to the southeast of the town of Chalk River, which defines the northern terminus of the current study area in Lot 8, Concession 8. This assessment resulted in the recommendation for Stage 2 assessment. The recommended Stage 2 assessment for the Chalk River pipeline was conducted in 2015 and resulted in no cultural material identified and therefore no further work recommended (Stantec Consulting Ltd 2015b).

In 2023, a Stage 1 and 2 assessment was conducted by Cameron Heritage Consulting on a property within Lots 11 and 12, Concession 16, in advance of a proposed cell phone tower (Cameron Heritage Consulting 2023). This study area is located about 200 metres to the east of the current study area. This assessment resulted in no cultural material identified and therefore no further work recommended.

PIF	Date	Project Title	Company
Buchanan Township			
P039-0232-2016	2019	Cultural Resource Management at Chalk River Laboratories, 2016 Stage 1 & 2 Archaeological Assessment of Emergency Road 3 (ER3) and Dump Road, Part of Lots 19-21 Ranges A & B Buchanan Township (Geo.), Renfrew County	Kinickinick Heritage Consultants
P002-311-2012	2015	Stage 1 Archaeological Assessment Pipeline to Serve CNL Chalk River Facility, Lots 5-7, Con 7; Lots 3-11, Con 8; Lots 3-16, Con. 9; Lots 12-13, Con. 10; Lots 22-26, Range A; and Lots 21-23, Range B, Town of Laurentian Hills, Renfrew County, Ontario	Stantec Consulting
P415-0056-2015	2015	Stage 2 Archaeological Assessment: Pipeline to Serve CNL Chalk River Facility Part of Lots 3-9, Concession 8, Lots 3-15, Concession 9, Lots 12-13, Concession 10, Lots 23-26, Range A and Lots 22-23, Range B, Geographic Township of Buchanan, Town of Deep River and Town of Laurentian Hills, Renfrew County, Ontario	Stantec Consulting
P039-198-2013	2015	Cultural Resource Management at Canadian Nuclear Laboratories, 2013 A Stage 3 Assessment at CaGi-31 Chequen on Part of Lot 25 Range B, Buchanan Township (Geo.), Renfrew County	Kinickinick Heritage Consultants
P039-187-2012	2015	Stage 2 Assessment of Parts of Lots 24 & 25, Range B The Stack Road Section of the Domestic Waterline Route, Buchanan Township, Renfrew County	Kinickinick Heritage Consultants
Petawawa Township			
P248-082-2012	2024	Assessment of the Petawawa River between the Eastern Limits of Algonquin Park and the Ottawa River Geographic Townships of Petawawa, McKay and Wylie Renfrew County	The Central Archaeology Group Inc.
P371-0065-2023	2023	Stage 1 & 2 Archaeological Assessment. Proposed EORN Cell Gap Cell Tower Project Tranche 6 Area D: C8474 at Garrison Petawawa on Parts of Lots 11 & 12, Concession 16, Petawawa Twp (geo), County of Renfrew, Ontario	Cameron Heritage Consulting
P208-0244-2021, P208-0221-2020	2023	Stage 1 and 2 Archaeological Resource Assessment of a Proposed Quarry in Lots 11, 12, and 13, Concession 4, Petawawa Township, Town of Petawawa, Renfrew County, Ontario	Woodland Heritage Northeast Limited
P1074-0018-2022	2022	Stage 1 Archaeological Assessment for proposed water treatment digester improvements, 560 Abbie Lane, Part of Lot 17, Concession Lake Range, Geographic Township of Petawawa, now Town of Petawawa, County of Renfrew, Ontario	Past Recovery Archaeological Services
P039-0225-2015	2018	Stage 1 Archaeological Assessment of Petawawa Terrace Provincial Park, Lots 12, 13, 14, 15, Lake Range C, Petawawa Township (Geo.), Town of Petawawa, Renfrew County	Kinickinick Heritage Consultants
P371-0004-2015	2016	Stage 1 Archaeological Assessment: Proposed Hoffman Subdivision Development, Parts 1 & 2, Lot 19, Concession 8, Petawawa Township, County of Renfrew, Ontario	Cameron Heritage Consulting
2001-009-002, 2001-009-002-S4EX	2001	Stage 1 and 2 Archaeological Assessment, Proposed Black Bay Gravel Pit, Lot 6, Concession 7 Town of Petawawa, Renfrew County, Ontario	Jacques Whitford Environment Ltd.

Table 4: Previous archaeological work within the Geographic Townships of Buchanan and Petawawa.

4.3.4 Registered Archaeological Sites and Commemorative Plaques

A search of the Ontario Archaeological Sites Database indicated there are 15 registered archaeological sites within a 1 km radius of the study area. Ten of these sites are pre-contact Indigenous sites while the remaining five are post-contact Euro-Canadian. None of these sites are within 100 m of the study area. These sites are outlined below in Table 5.

No commemorative plaques or monuments are located within 1 km of the subject property.

Borden	Site Name	Time Period	Affinity	Site Type	Status
BlGj-9	Montgomery Lake 6	Archaic, Woodland	Aboriginal	camp/campsite	
BlGj-7		Post-Contact, Woodland, Middle	Aboriginal, Euro-Canadian	Unknown, logging	
BlGj-6		Other		findspot	
BlGj-3	Montgomery Lake 2	Archaic, Woodland, Middle	Aboriginal	camp/campsite	
BlGj-2		Woodland, Middle			
BlGj-1	Montgomery Lake 1	Archaic, Post-Contact, Woodland, Middle	Aboriginal, Euro-Canadian	camp/campsite	
BlGi-4	Lac du Bois Dur 4	Post-Contact	Euro-Canadian		
BlGi-3	Lac du Bois Dur 3	Pre-Contact	Aboriginal		
BlGi-1	Lac du Bois Dur	Other		camp/campsite	
BlGh-9	Private Site	Post-Contact	Euro-Canadian	house	Further CHVI
BlGh-7	Chalk Bay 2	Pre-Contact	Aboriginal	findspot	
BlGh-6	Chalk Bay 1	Woodland, Late, Woodland, Middle	Aboriginal	camp/campsite, scatter	
BlGh-5	Henry Wolsy 2	Post-Contact	Euro-Canadian	scatter	
BlGh-4	Henry Wolsy 1	Post-Contact	Euro-Canadian	scatter	
BlGh-1	Patzwald-Silke-Woermke Homestead	Post-Contact		farmstead	Further CHVI

Table 5: Registered archaeological sites within 1 km radius of the study area.

4.4 Archaeological Potential

Potential for pre-contact Indigenous sites is based on physiographic variables that include distance from the nearest source of water, the nature of the nearest source/body of water, distinguishing features in the landscape (e.g., ridges, knolls, eskers, wetlands), the types of soils found within the area of assessment, and resource availability. The study area has potential for pre-contact Indigenous archaeological resources based on the well drained sandy and loam soils, the multiple known sites in the broader area, and the proximity to multiple watercourses including marshlands, creeks, and both the Chalk and Petawawa Rivers which are main tributaries to the Ottawa River.

Potential for historical Euro-Canadian sites is based on proximity to historical transportation routes, historical community buildings such as schools, churches, and businesses, and any known archaeological or culturally significant sites. The study area has potential for post-contact Euro-Canadian archaeological resources based on some early patent dates, historic transportation routes, and known sites in the area.

Archaeological potential is negated in some sections of the study area that are permanently wet or have deep and pervasive disturbance.

5.0 Indigenous Engagement

Engagement undertaken by the proponent for this project included the Algonquins of Pikwakanagan First Nation, Algonquins of Ontario, and the Kitigan Zibi First Nation.

A draft of this report will be shared by the proponent with Indigenous communities for review with comments to be addressed prior to MCM submission.

6.0 Conclusions and Recommendations

Matrix Heritage, on behalf of Hydro One Network Inc. (HONI) care of Dillon Consulting Limited (Dillon), conducted an Archaeological Overview Assessment (AOA) of a proposed transmission line crossing various lots and concessions in the Geographic Township of Buchanan, now the Town of Deep River and the Town of Laurentian Hills, and various lots and concessions in the Geographic Township of Petawawa, now the Town of Petawawa, in Renfrew County (Map 1 to 20). This AOA is in support of HONI's approximately 21 km proposed transmission line from Petawawa to Chalk River (Map 2) which has triggered a comprehensive Class Environmental Assessment (Class EA) under the Class EA framework for transmission facilities including an archaeological assessment.

This Archaeological Overview Assessment concludes that the study area has both pre-contact Indigenous as well as historical Euro-Canadian archaeological potential.

Based on the results of this investigation it is recommended:

1. An Archaeological Impact Assessment be conducted by a consultant archaeologist.

2. Areas of the property with archaeological potential be subject to test pit survey at 5 m intervals (areas shown in dark blue on Maps 22 to 40).
    a. Test pit to within 1 m of built structures (both intact and ruins), or until test pits show evidence of recent ground disturbance.
    b. Ensure that test pits are at least 30 cm in diameter.
    c. Excavate each test pit, by hand, into the first 5 cm of subsoil and examine the pit for stratigraphy, cultural features, or evidence of fill.
    d. Screen soil through mesh no greater than 6 mm.
    e. Collect all artifacts according to their associated test pit.
    f. Backfill all test pits unless instructed not to by the landowner.

3. Confirmation of conditions is required for the areas with low to no archaeological potential as shown in light blue and orange on Maps 22 to 40 and identified as:
    c. Deep and pervasive land disturbance, or
    d. Areas that are permanently wet.

4. Additional Archaeological Overview Assessment will be required if any project impacts are planned beyond the limits of the current AOA project area as delineated in Maps 1 to 20.

7.0 Closure

Matrix Heritage has prepared this report in a manner consistent with the time limits and physical constraints applicable to this report. No other warranty, expressed or implied is made. The sampling strategies incorporated in this study comply with those identified in the Ministry of Citizenship and Multiculturalism's *Standards and Guidelines for Consultant Archaeologists* (2011) however; Archaeological Assessments may fail to identify all archaeological resources.

The present report applies only to the project described in the document. Use of this report for purposes other than those described herein or by person(s) other than Hydro One Networks Inc., Dillon Consulting Limited, or their agent(s) is not authorized without review by this firm for the applicability of our recommendations to the altered use of the report.

This report is pending Ministry approval.

We trust that this report meets your current needs. If you have any questions or we may be of further assistance, please contact the undersigned.

Matrix Heritage Inc.



Nadine Kopp, M.A., A.P.A., C.A.H.P.
Senior Archaeologist



Andrea Jackson, M.Litt.
Staff Archaeologist

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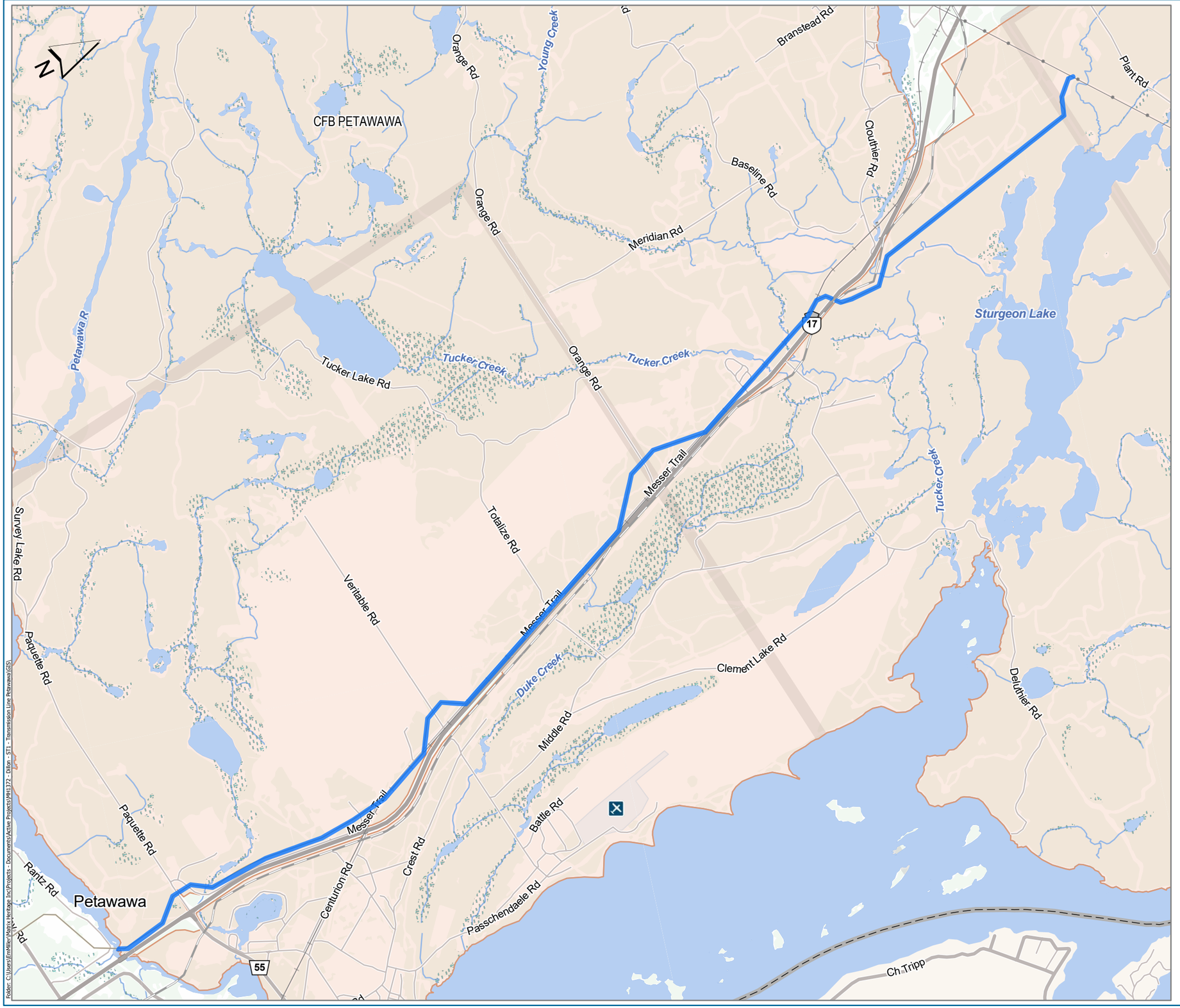
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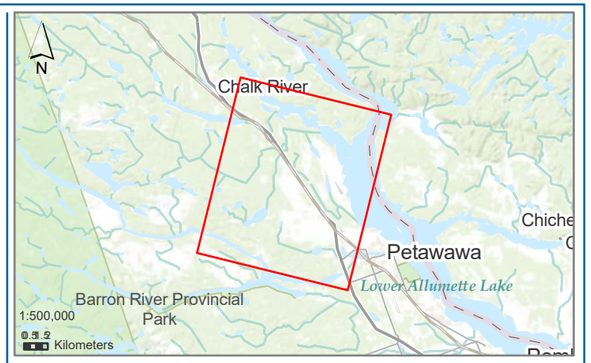
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9.0 Maps





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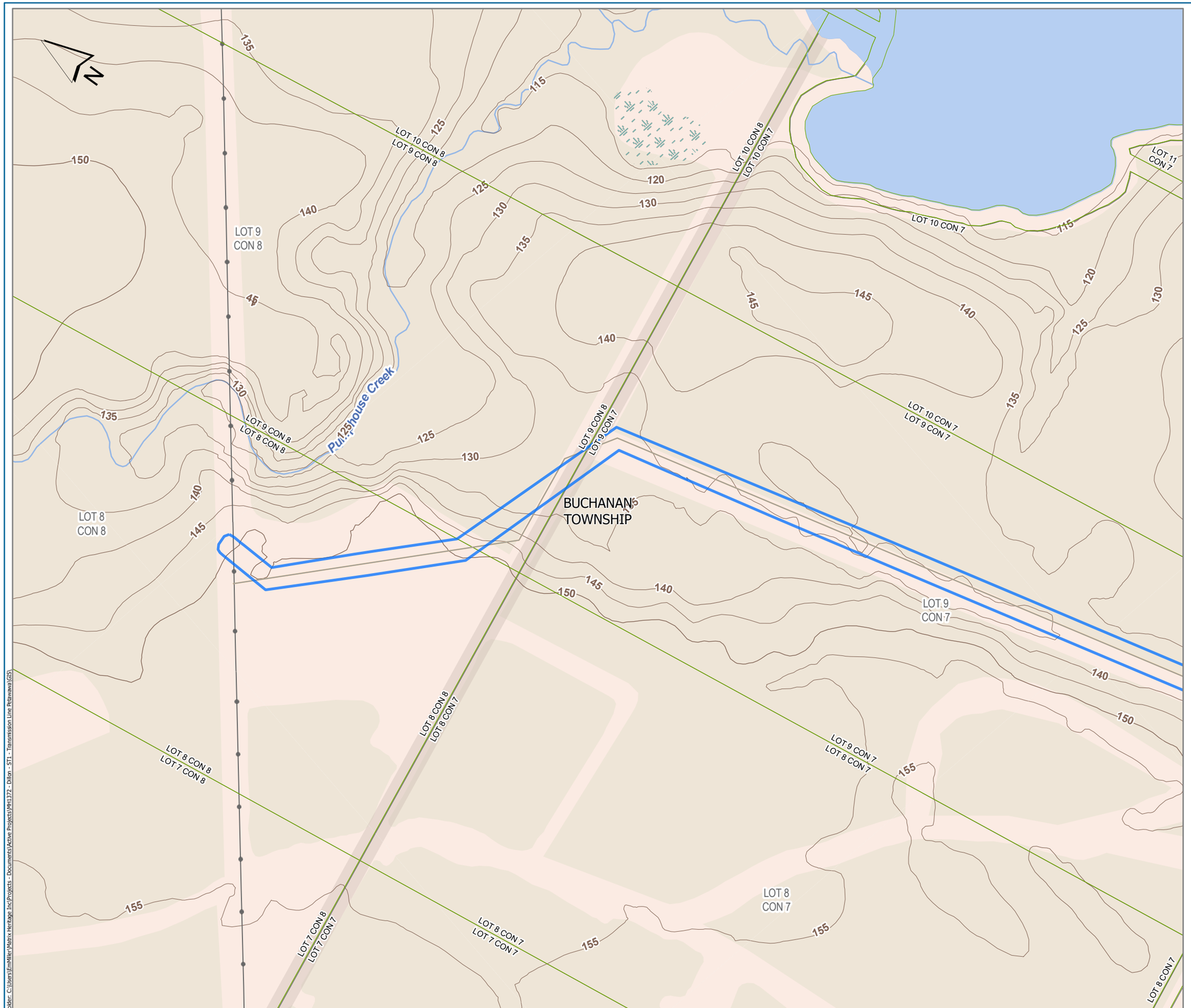
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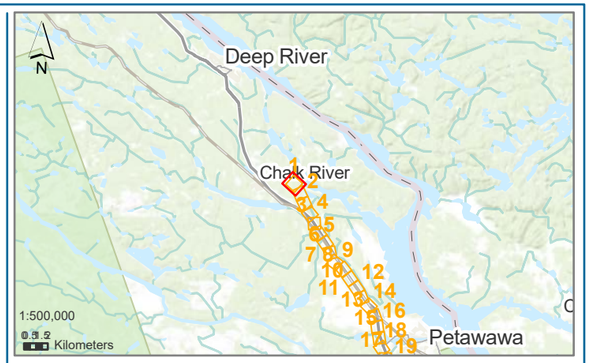
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PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION OVERVIEW

MAP 1





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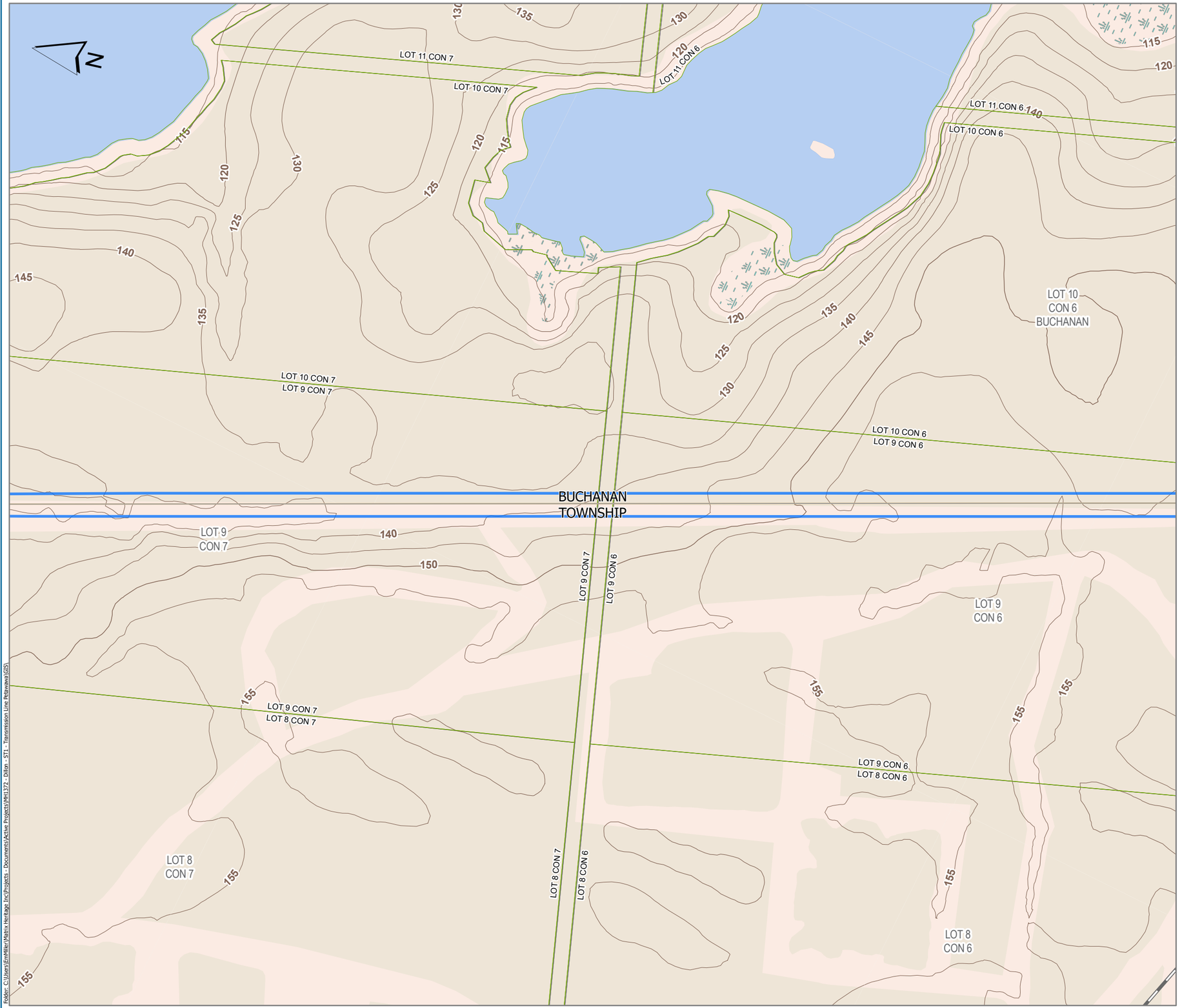
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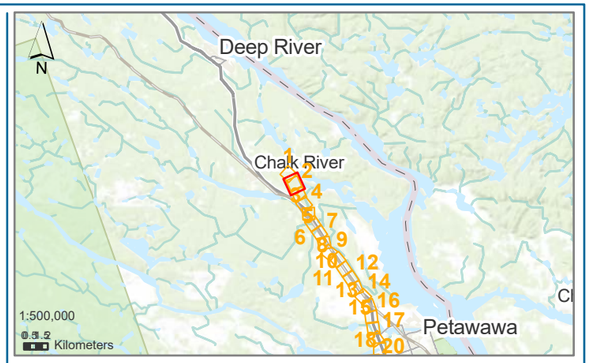
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 2

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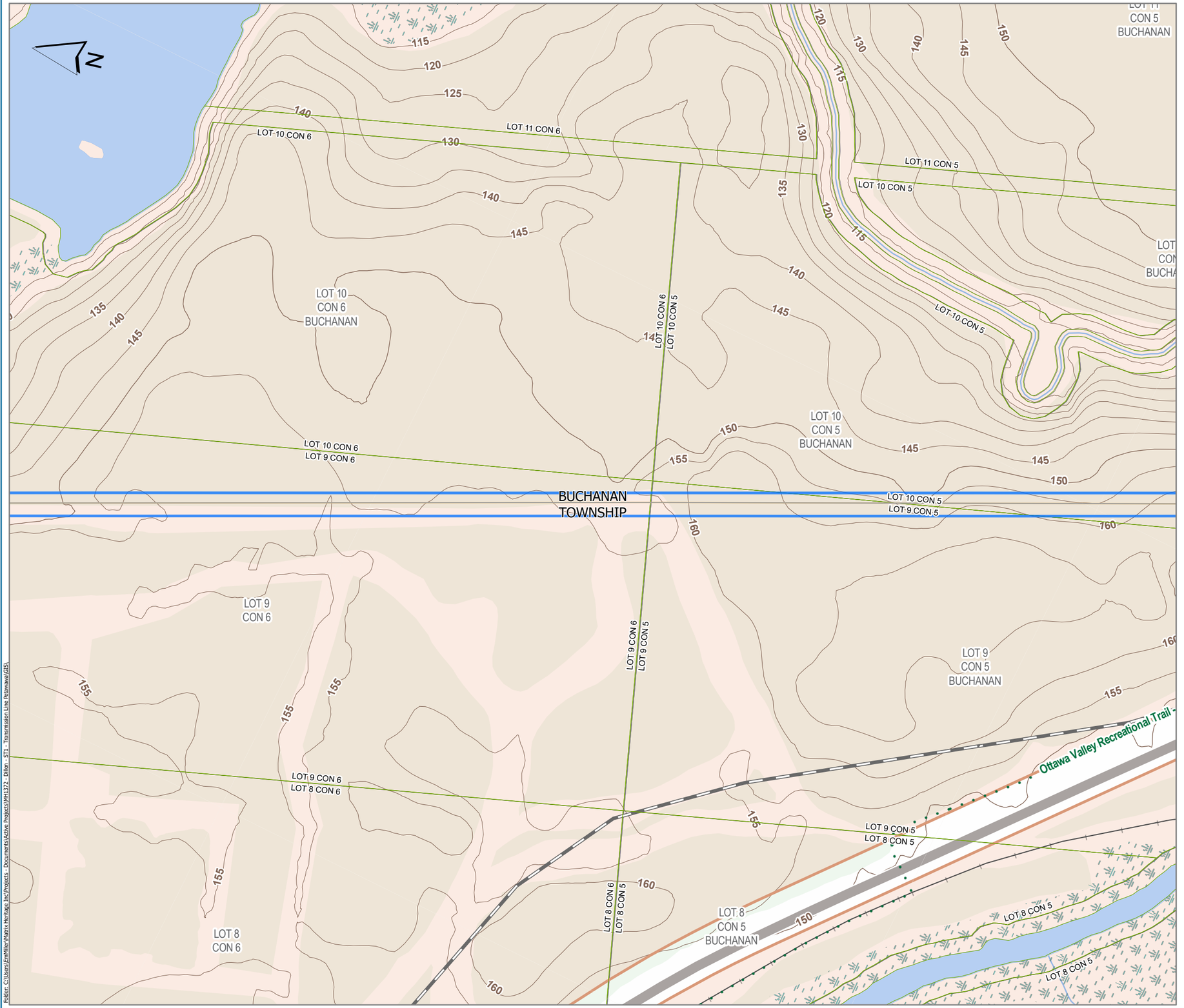
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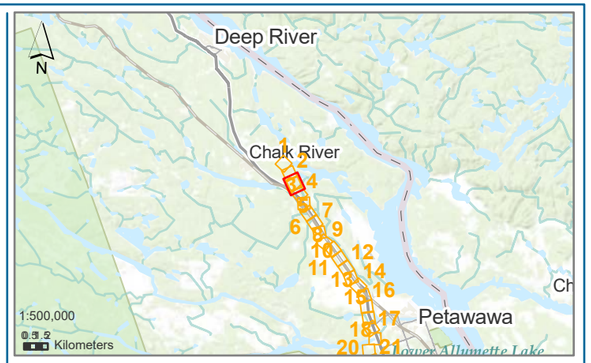
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 3

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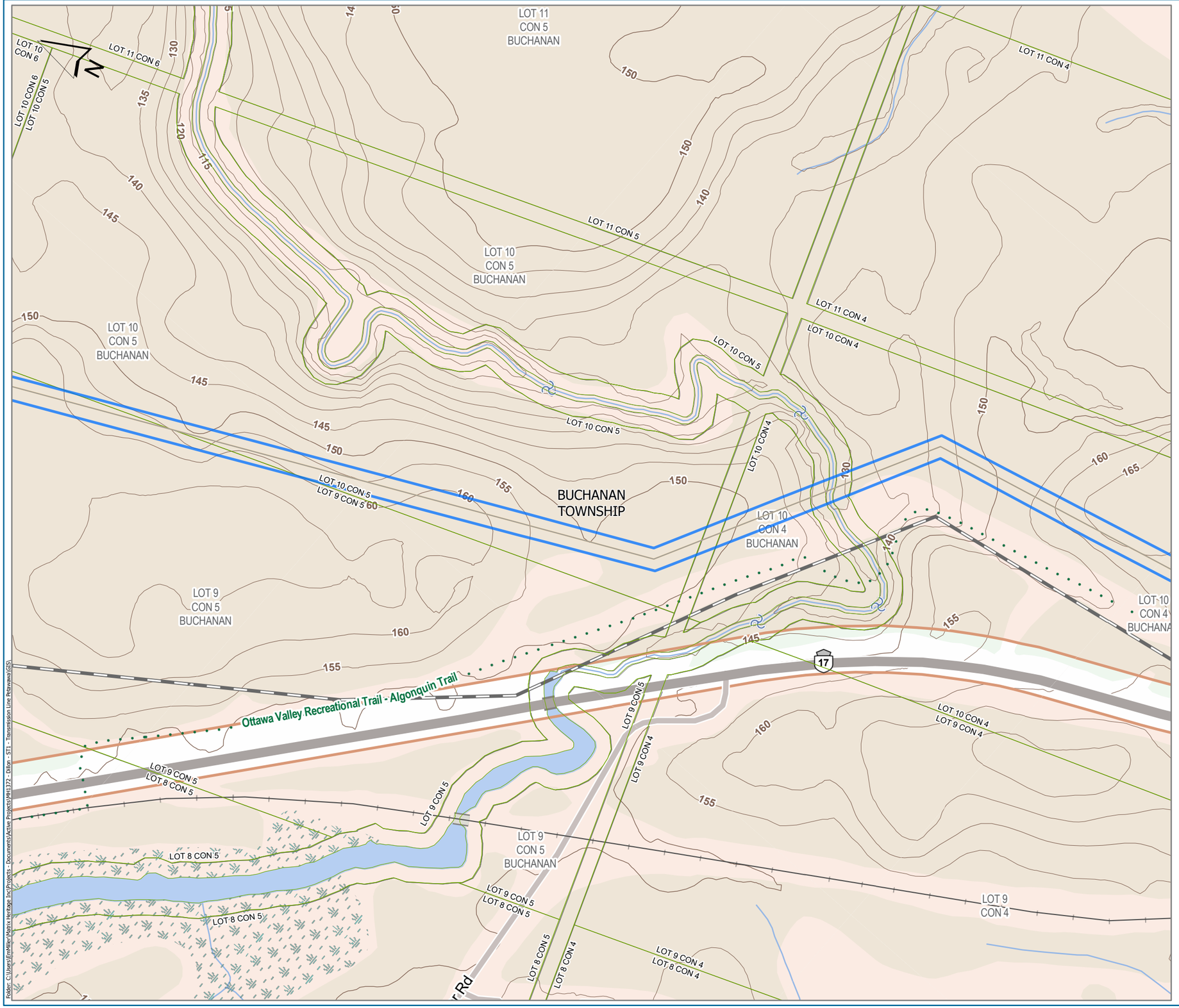
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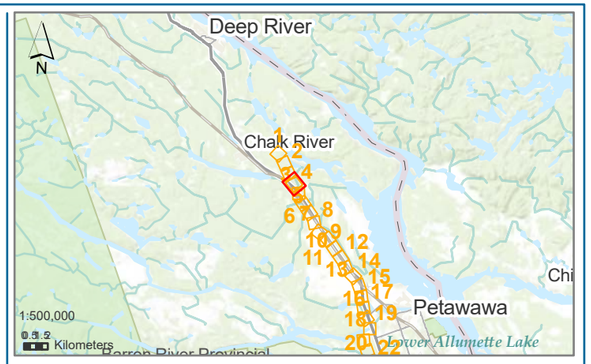
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 4

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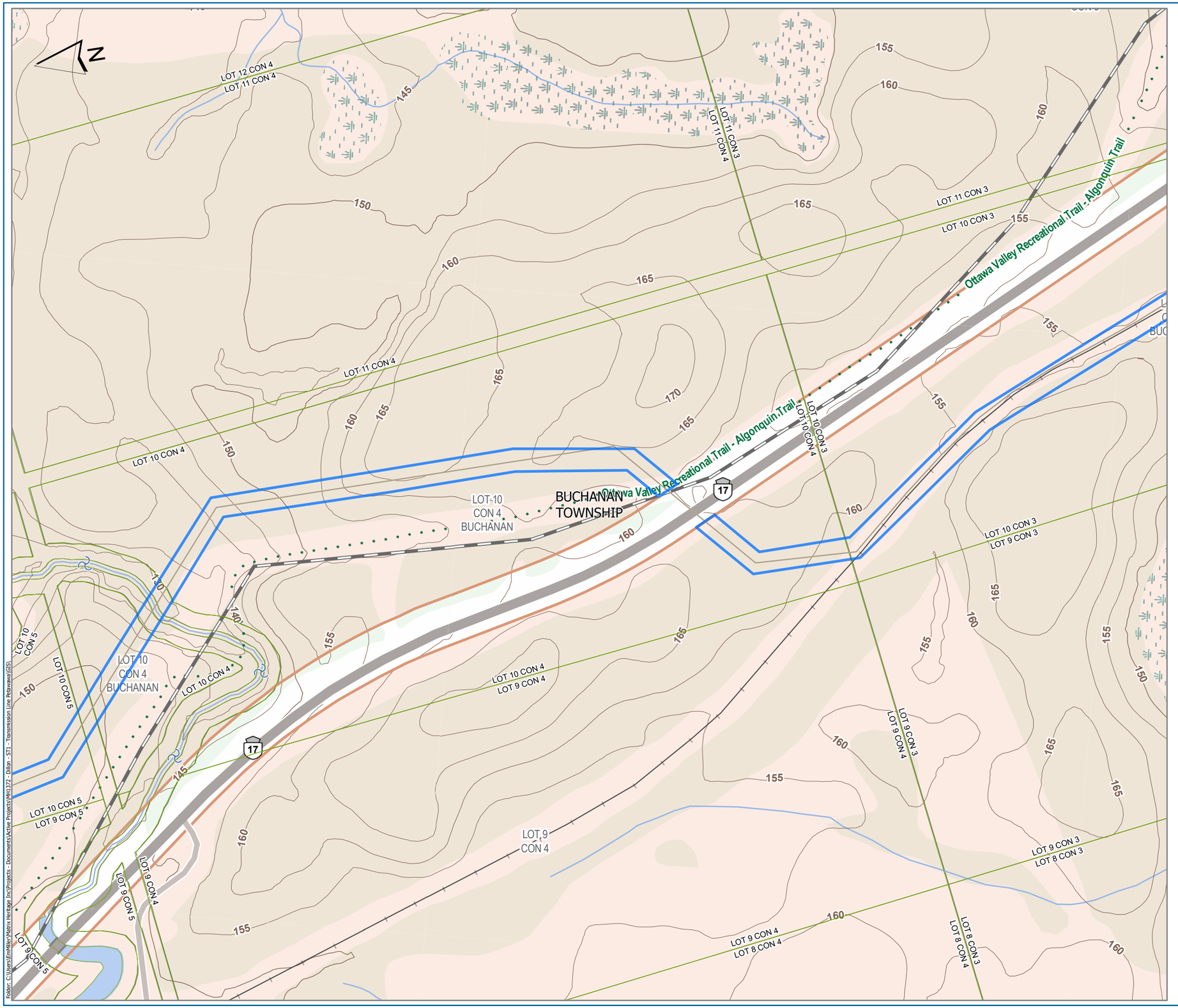
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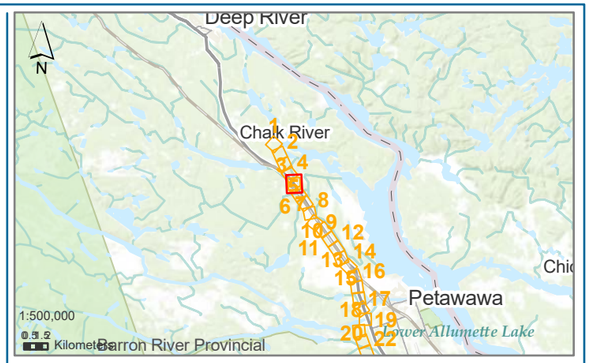
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
5

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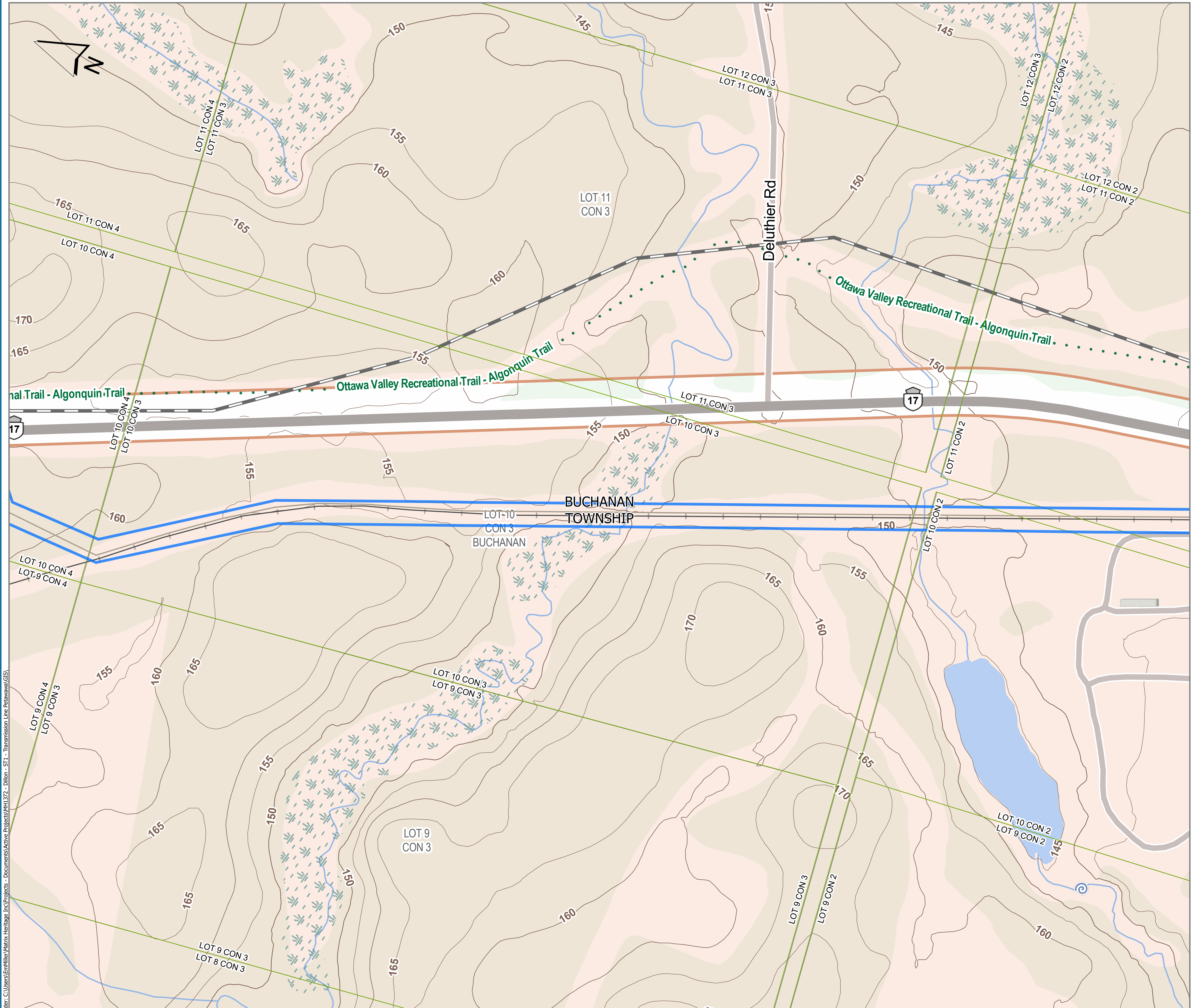
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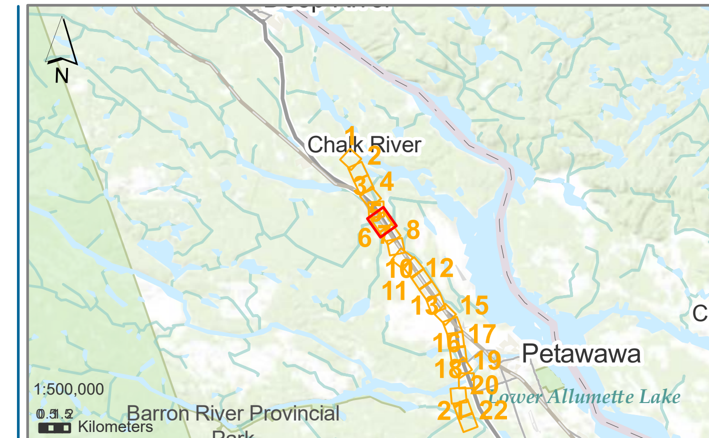
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TITLE
LOCATION DETAIL

MAP
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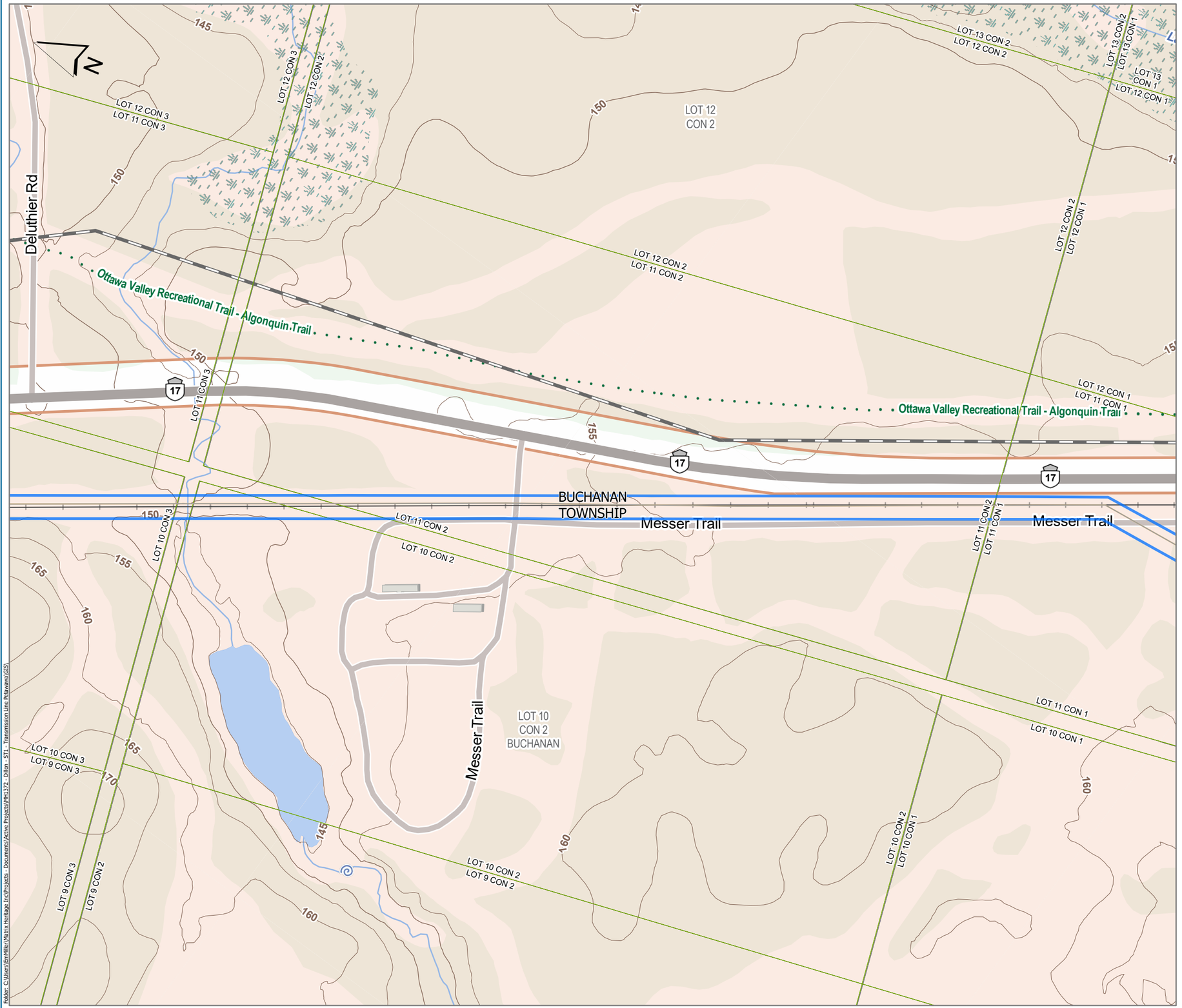
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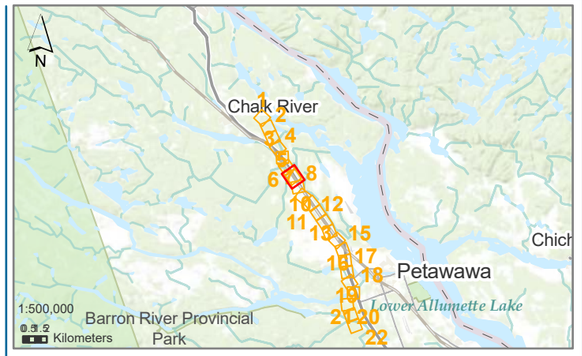
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 7

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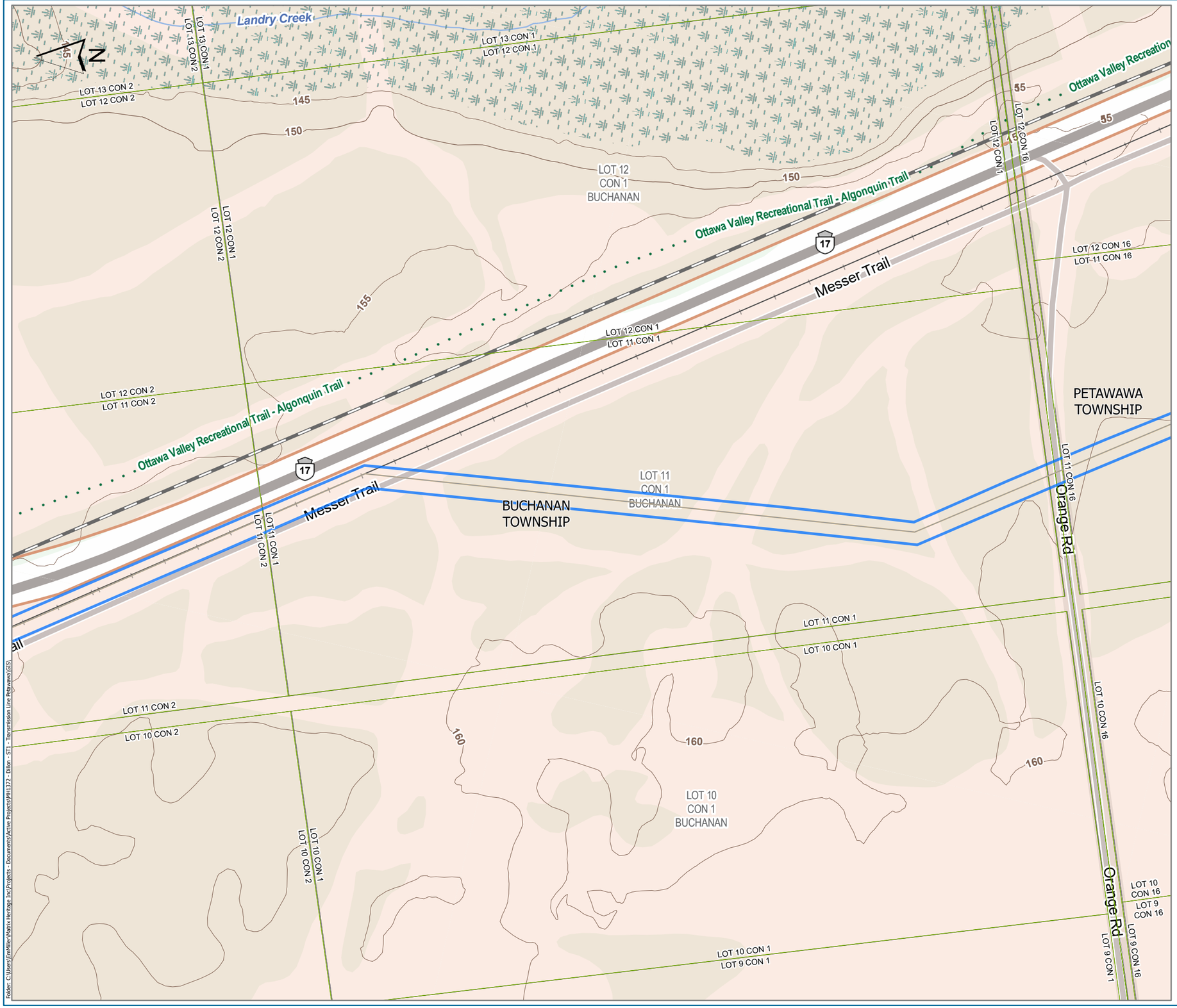
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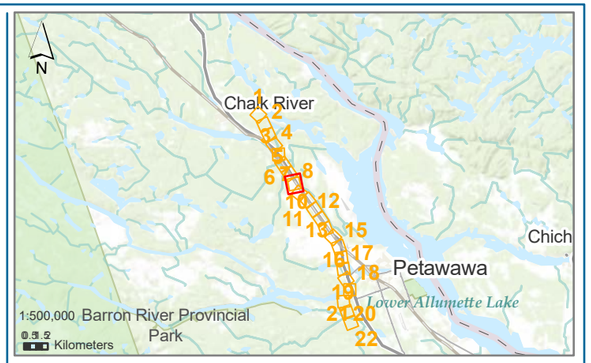
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TITLE
LOCATION DETAIL

MAP
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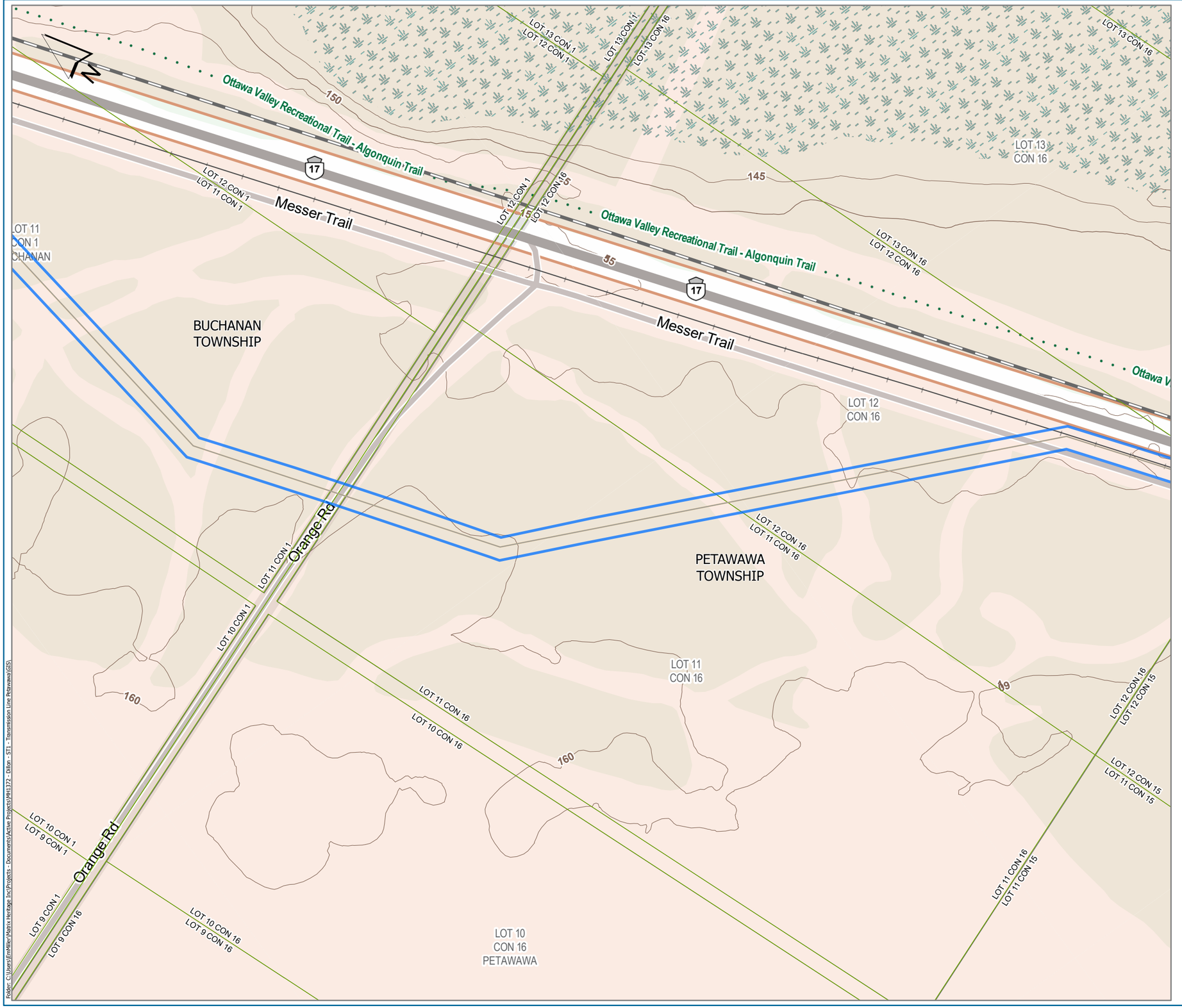
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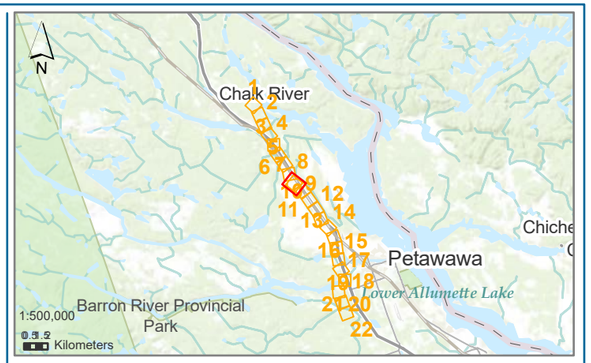
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PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
9





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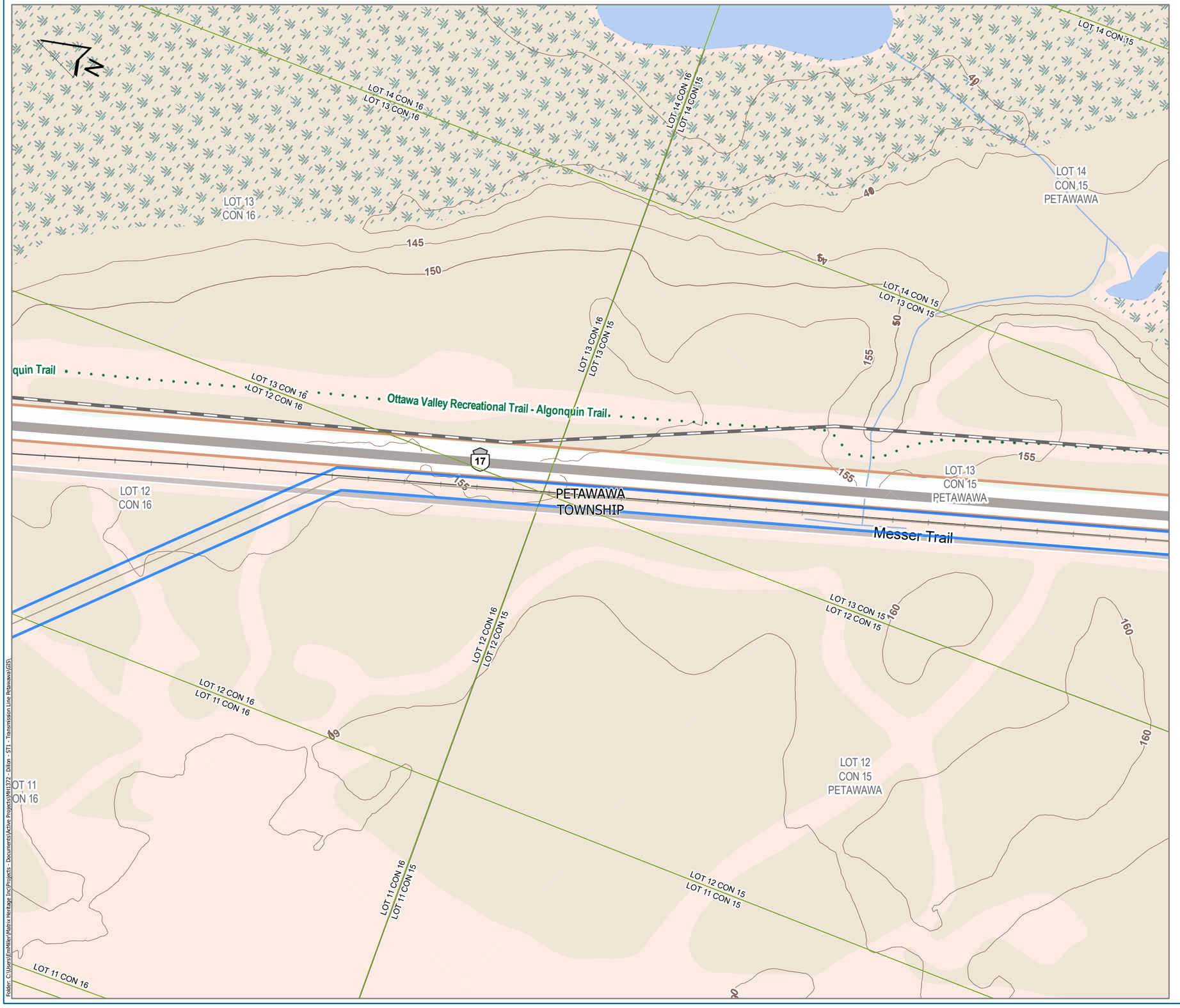
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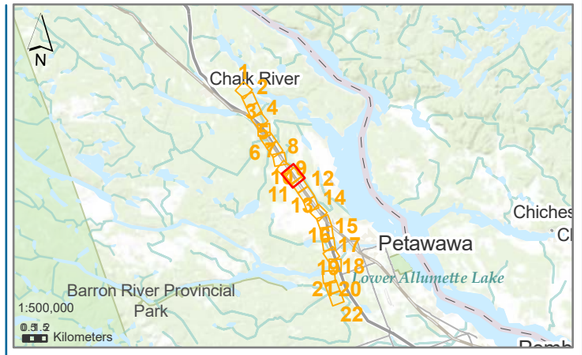
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TITLE
LOCATION DETAIL

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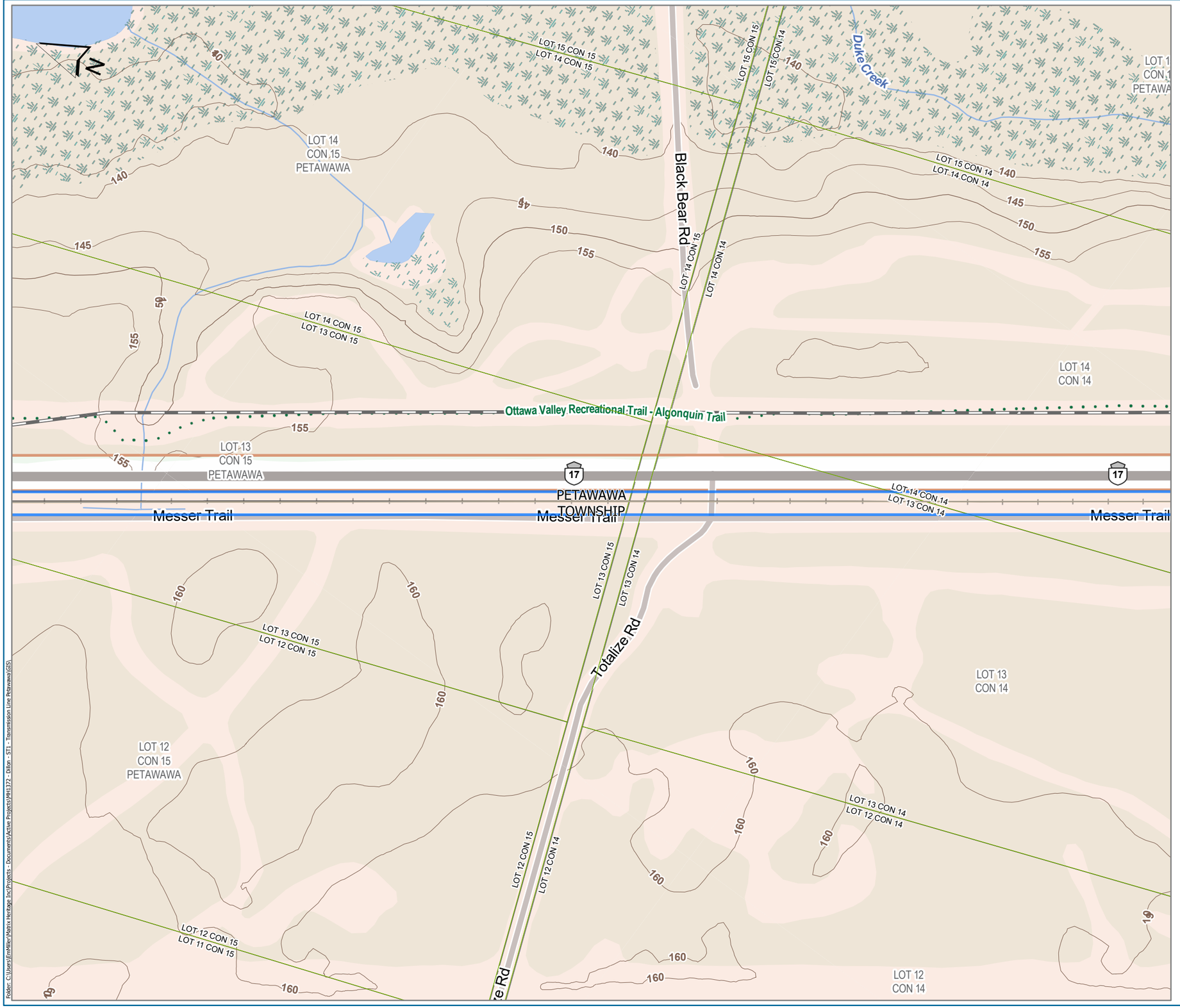
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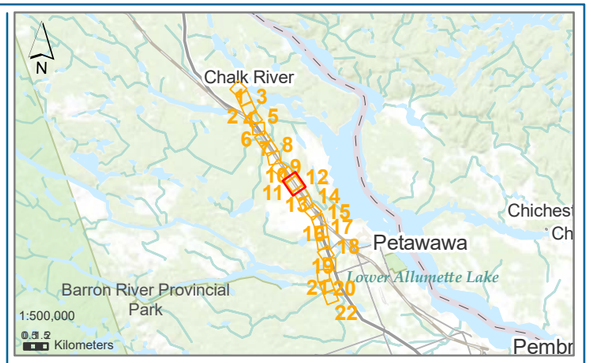
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PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
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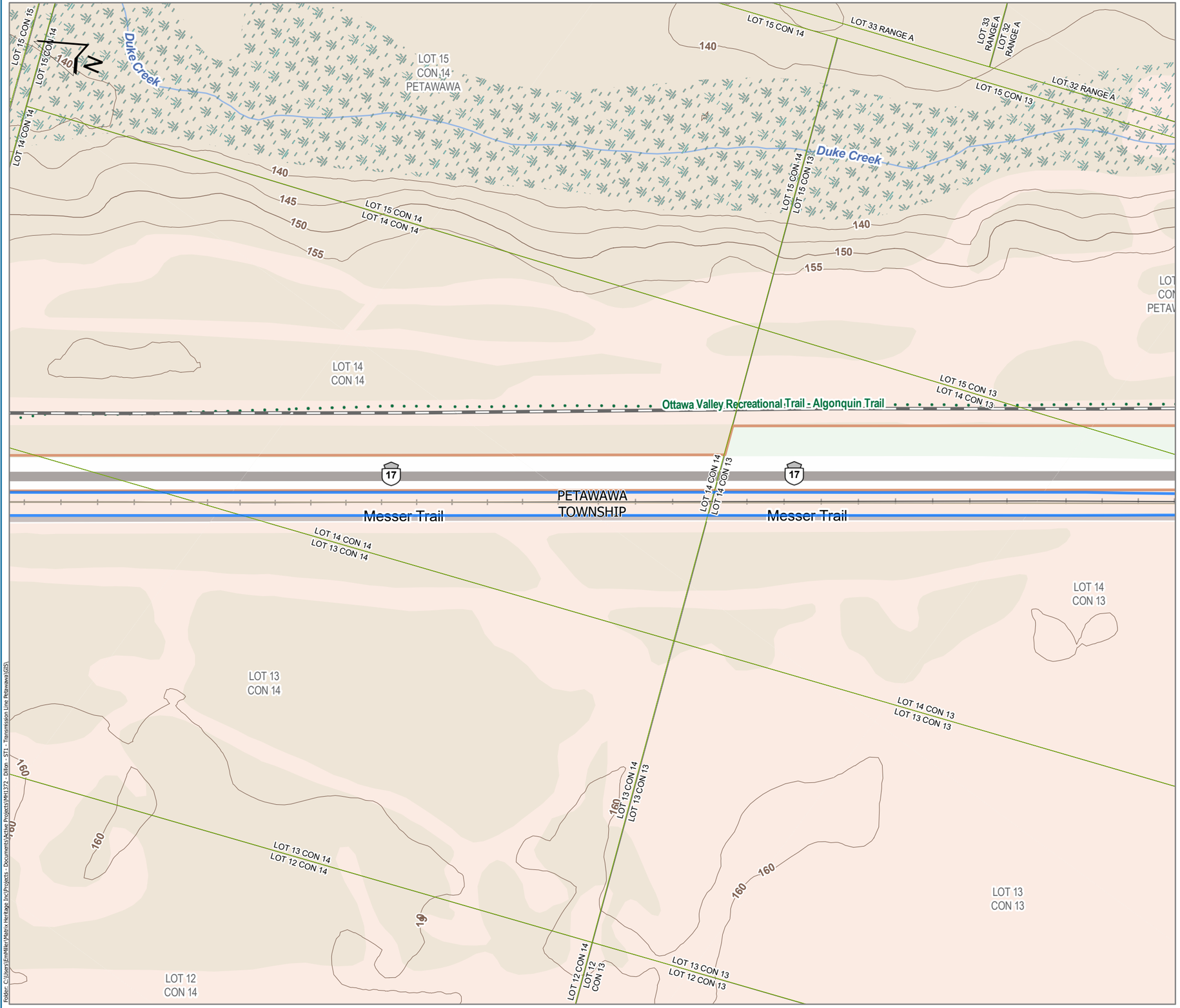
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PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

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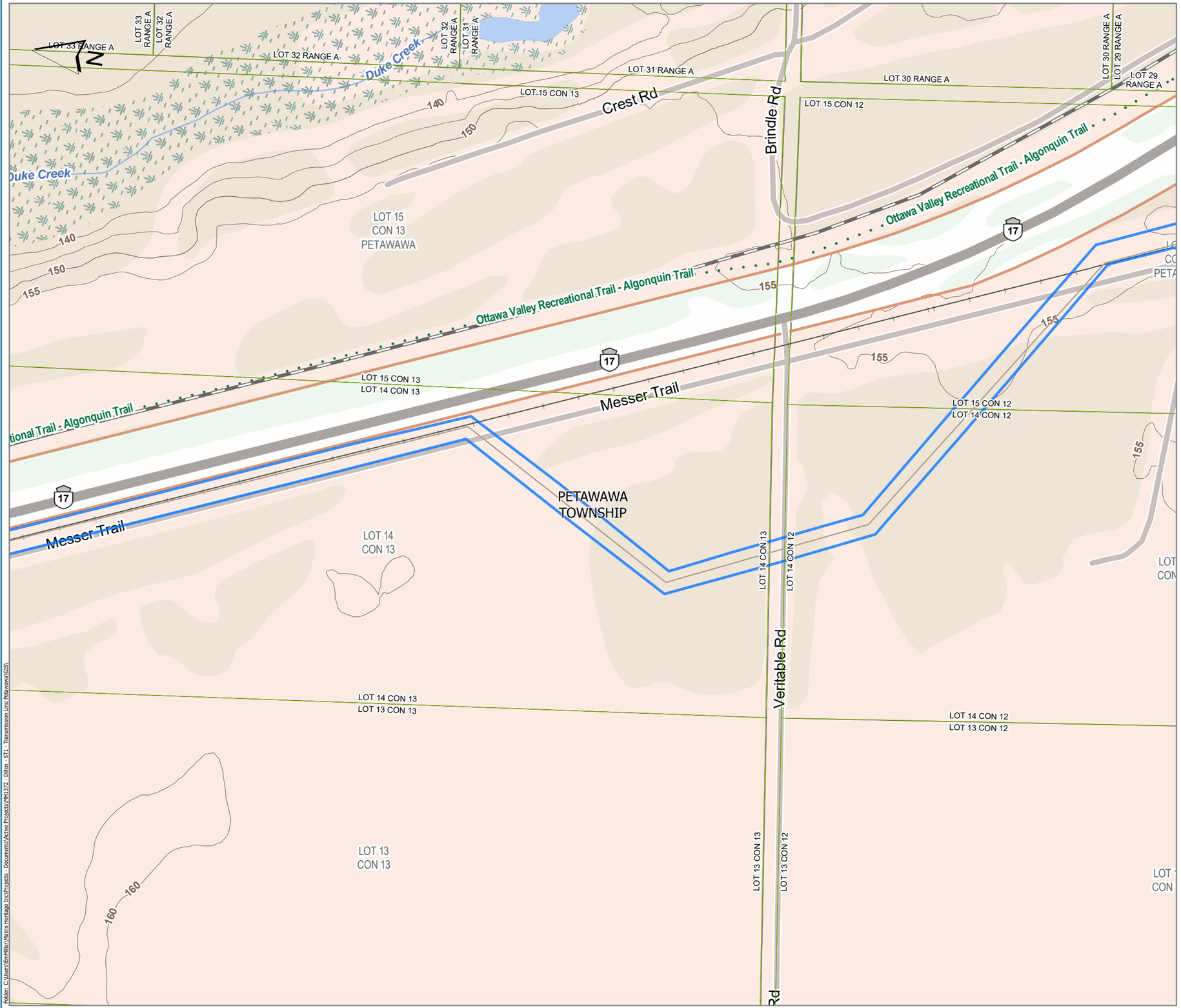
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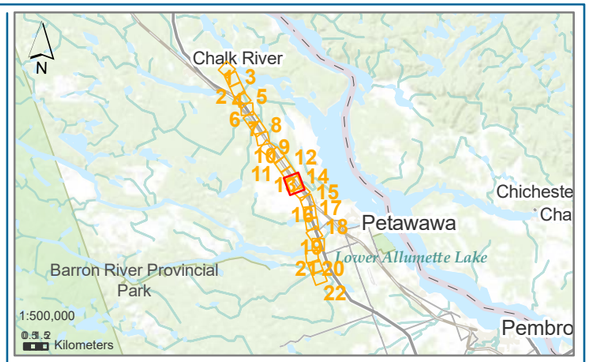
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PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
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13





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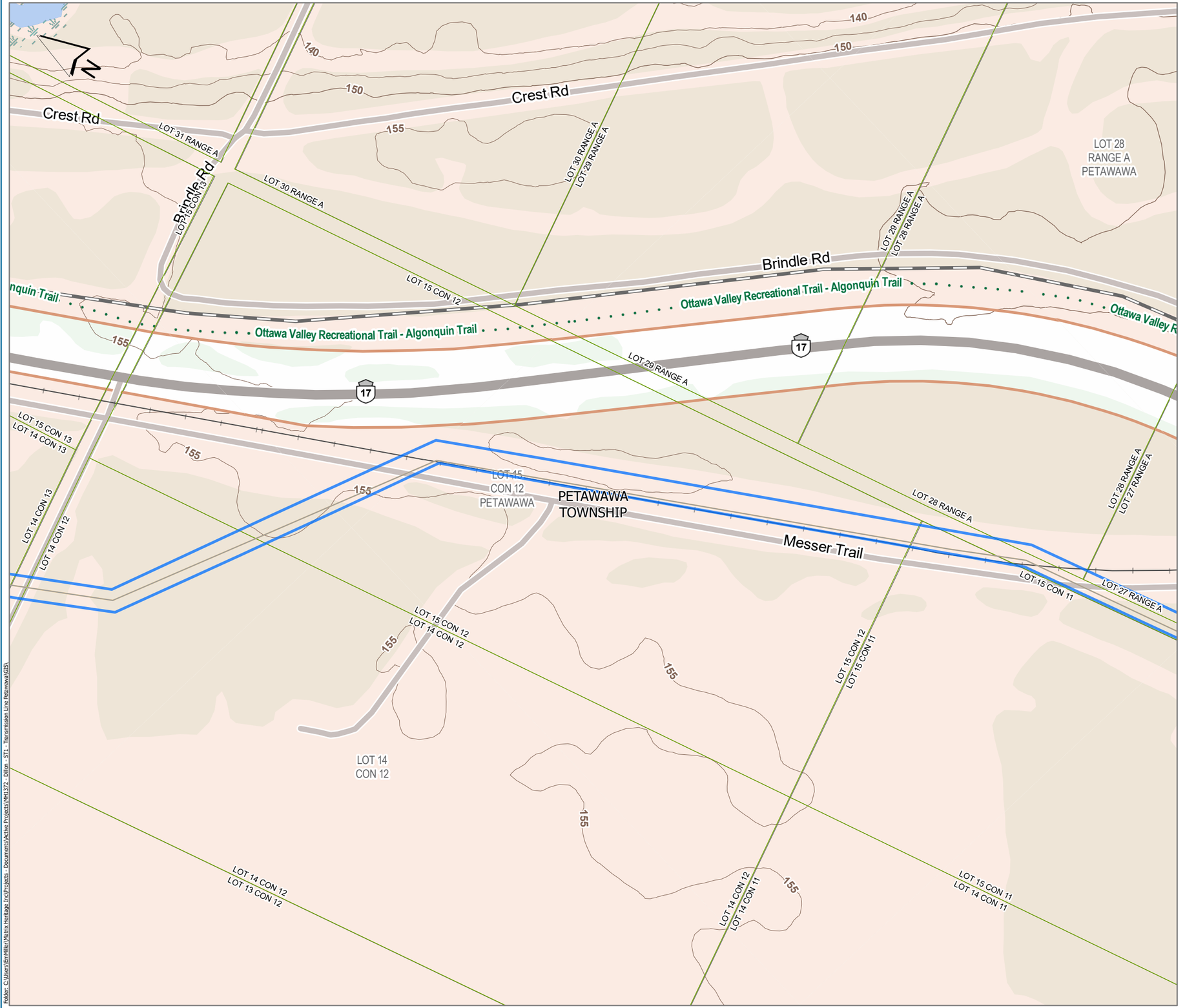
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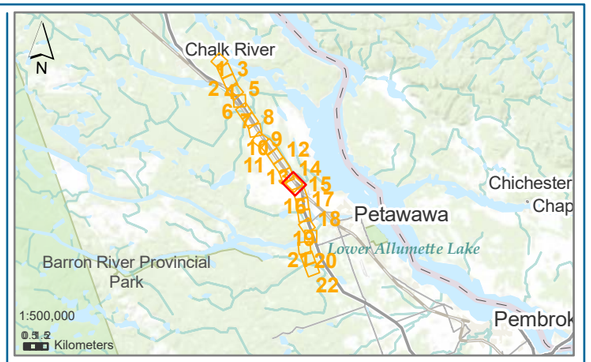
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TITLE
LOCATION DETAIL

MAP 14

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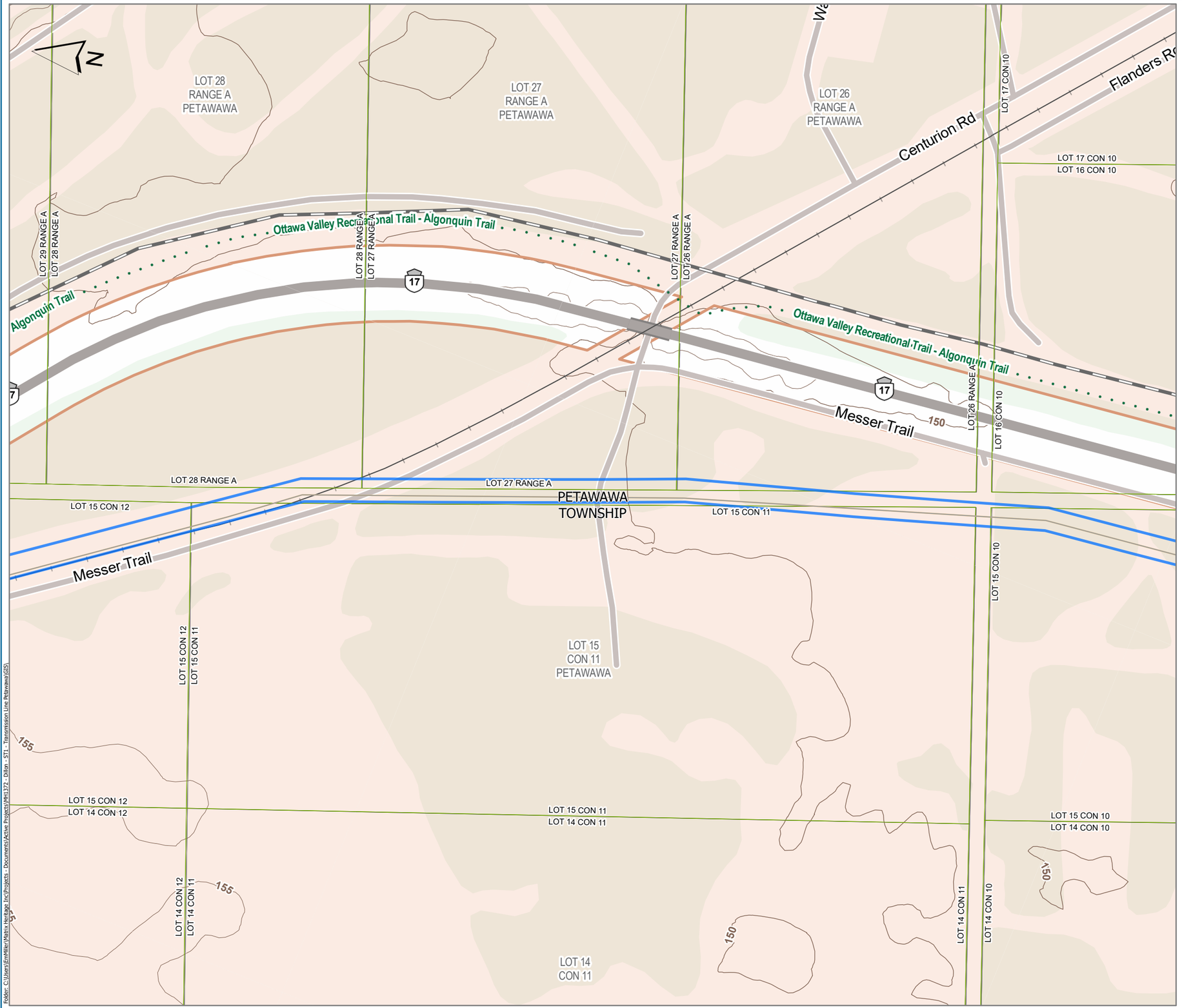
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CREATED BY: EM
PROJECTION: NAD 1983 UTM Zone 18N CHECKED BY: JD

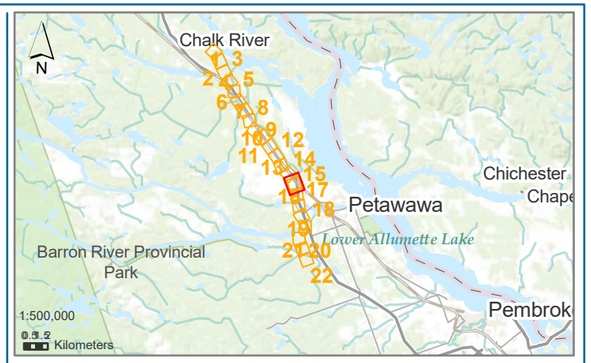
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
15

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LEGEND

AOA

0 75 150 225 300 Meters 1:5,000

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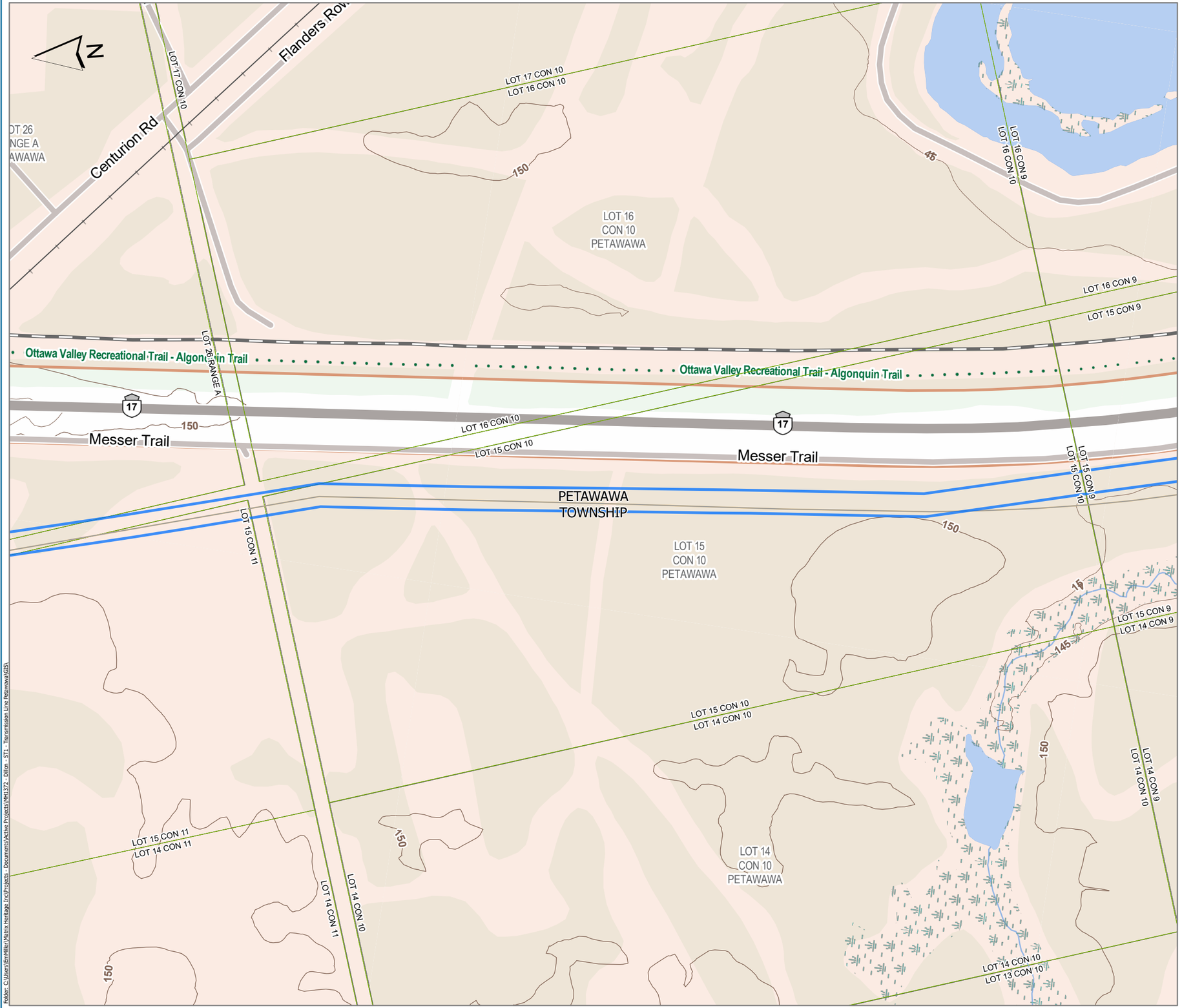
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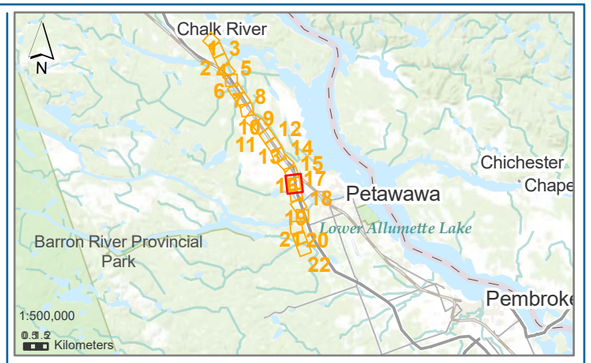
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 16

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LEGEND

AOA

0 75 150 225 300 Meters 1:5,000

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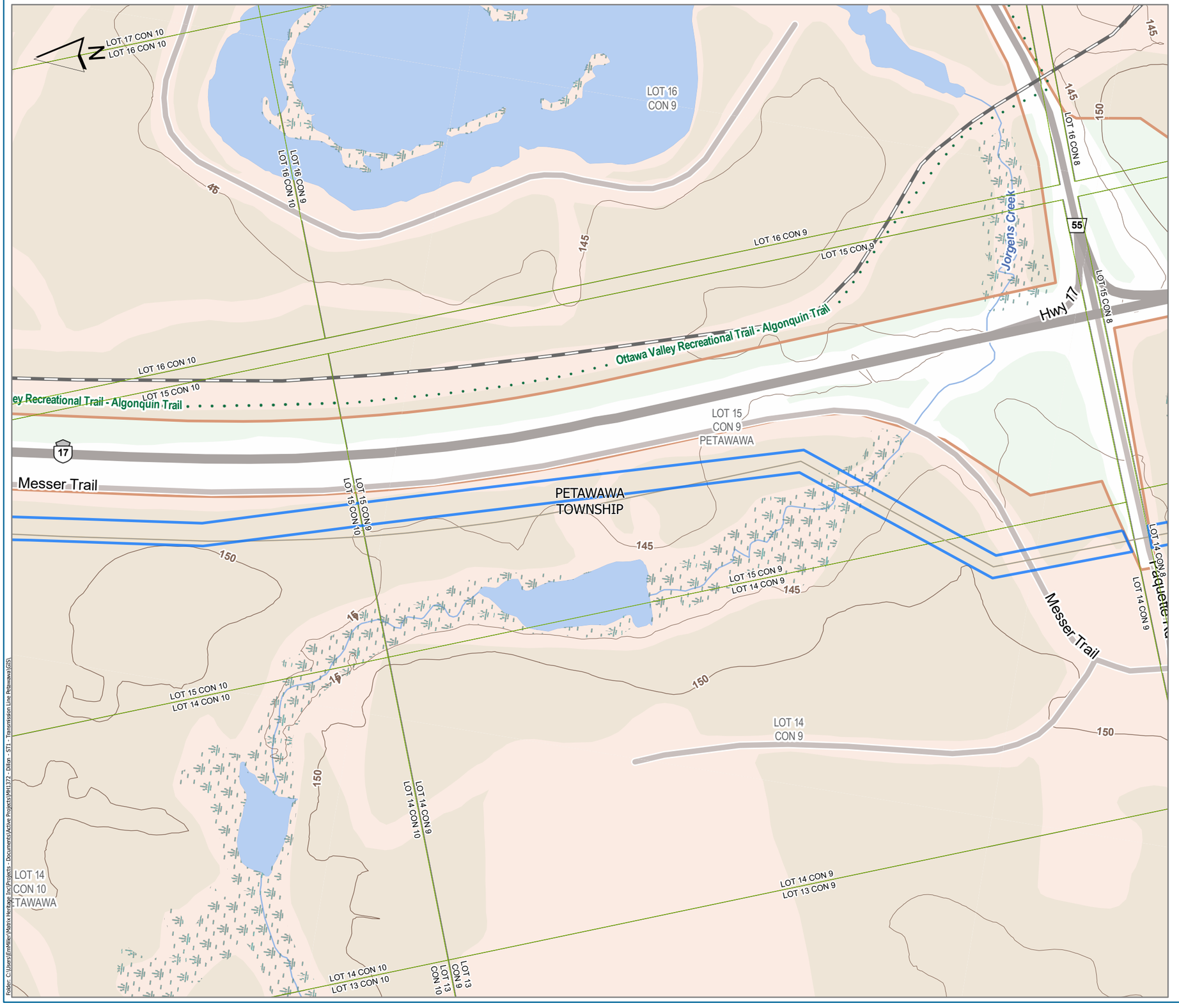
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DATE 2026-01-05
CREATED BY: EM
PROJECTION: NAD 1983 UTM Zone 18N
CHECKED BY: JD

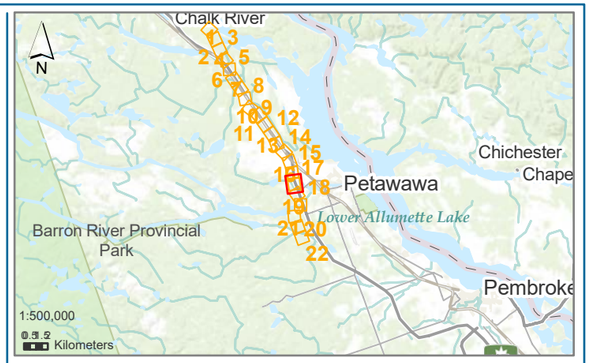
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 17

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LEGEND

AOA

Matrix

0 75 150 225 300 Meters 1:5,000

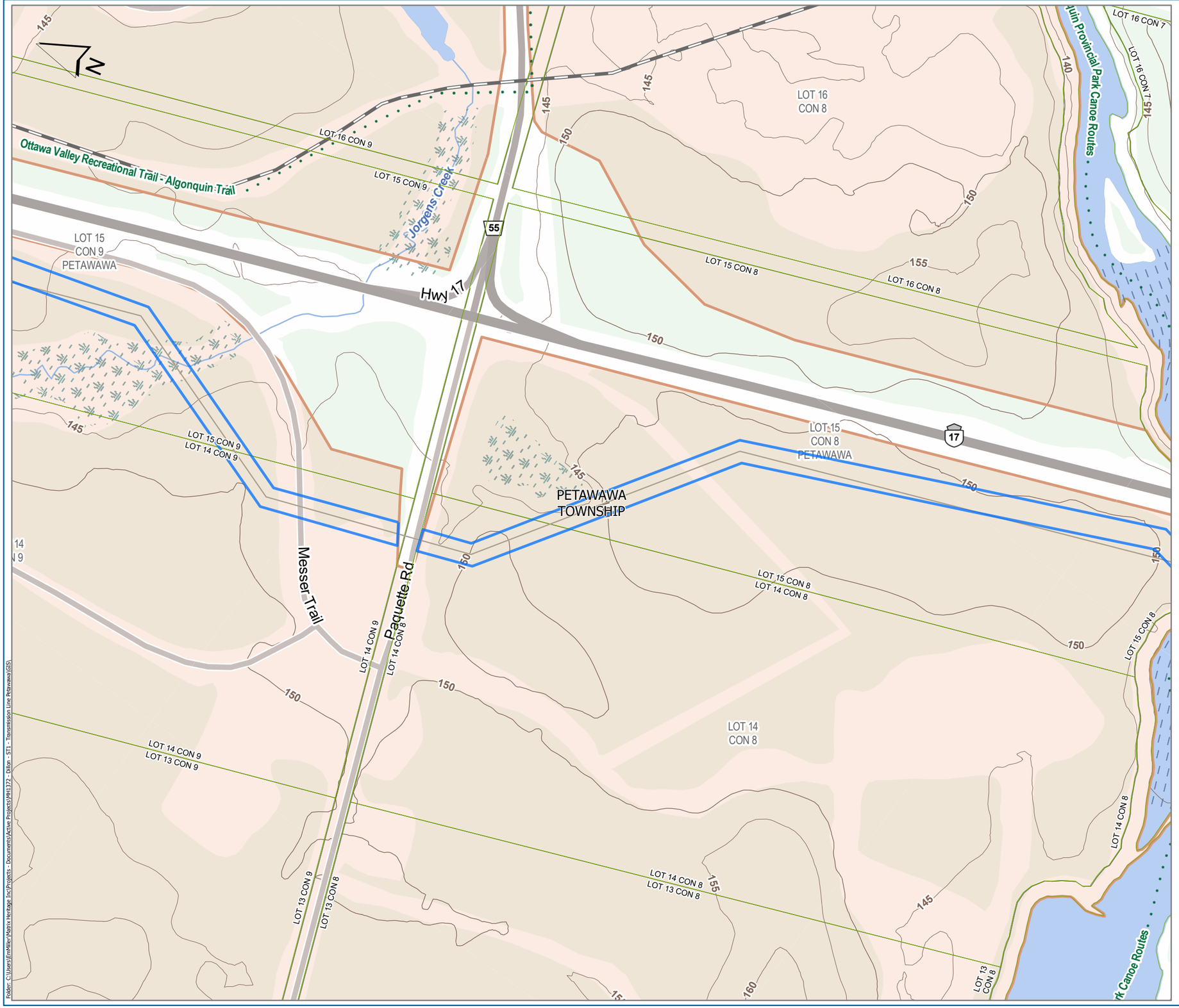
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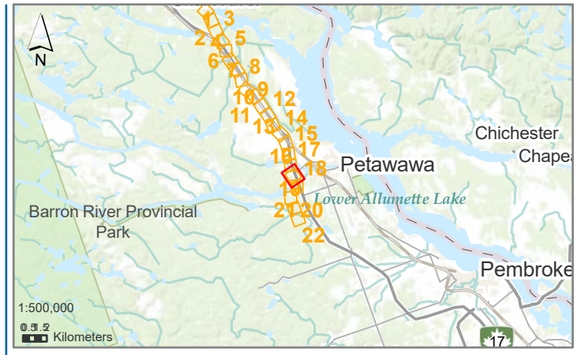
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CREATED BY: EM
PROJECTION: NAD 1983 UTM Zone 18N CHECKED BY: JD

PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
18





LEGEND

AOA

0 75 150 225 300 Meters 1:5,000

REFERENCES:
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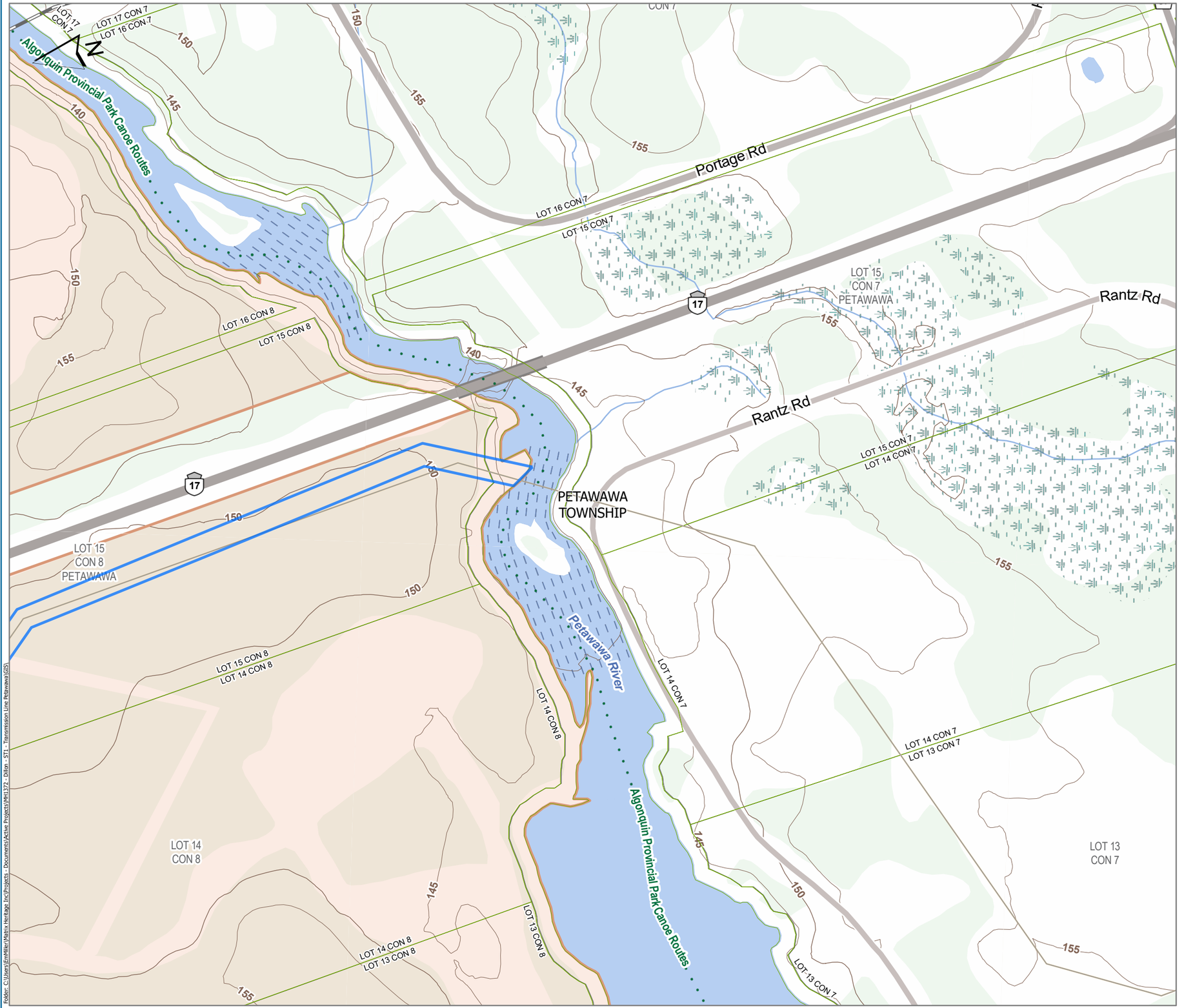
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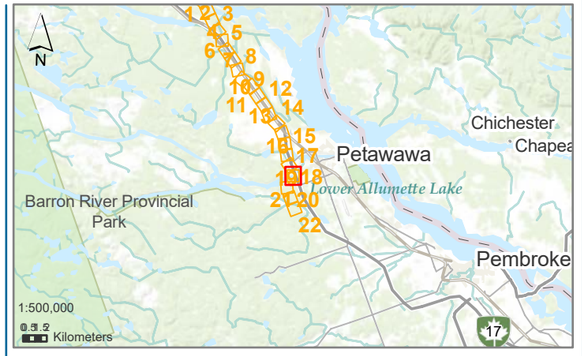
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP
19

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LEGEND

AOA

Matrix

0 75 150 225 300 Meters 1:5,000

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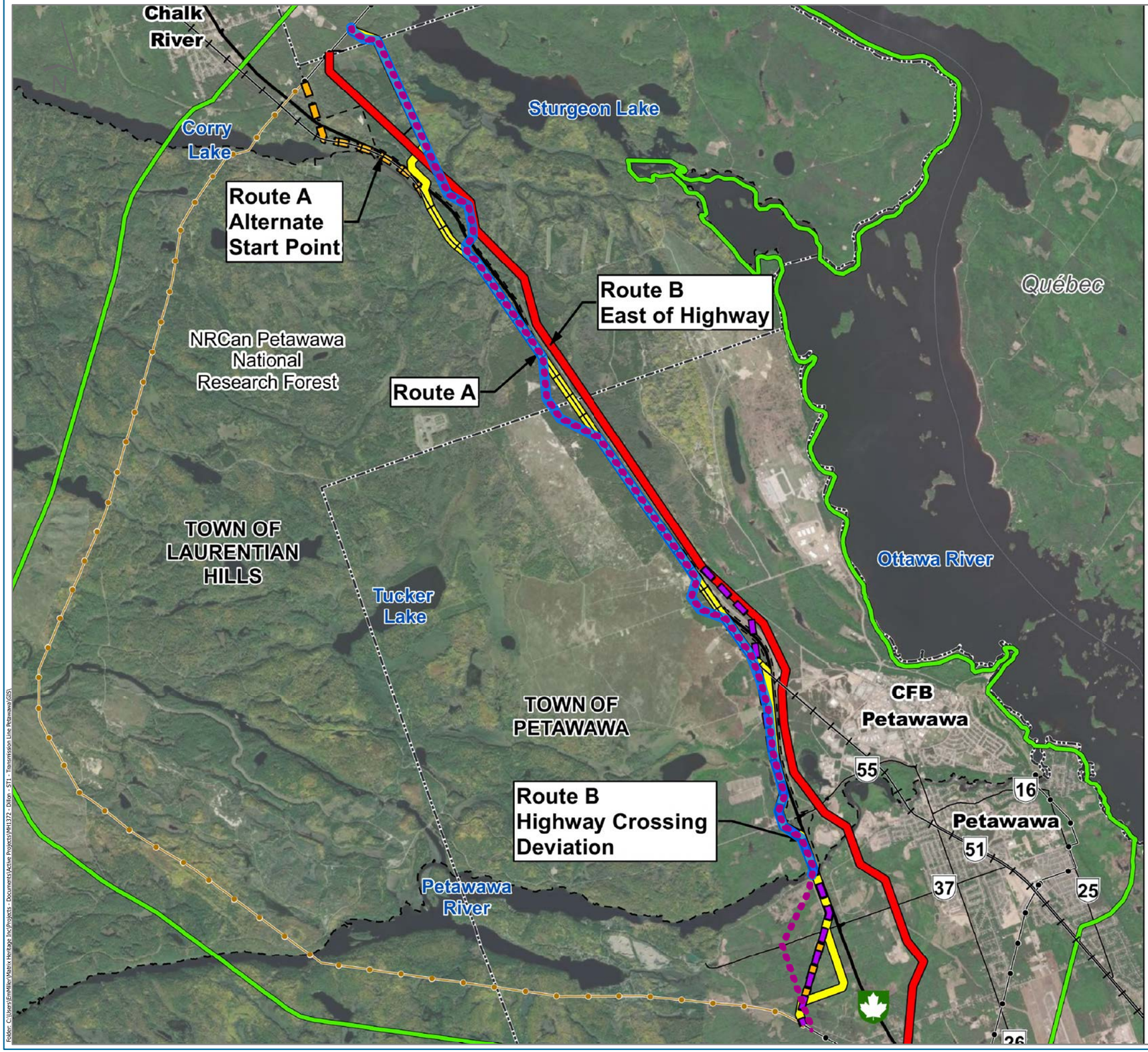
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DATE 2026-01-05
CREATED BY: EM
PROJECTION: NAD 1983 UTM Zone 18N
CHECKED BY: JD

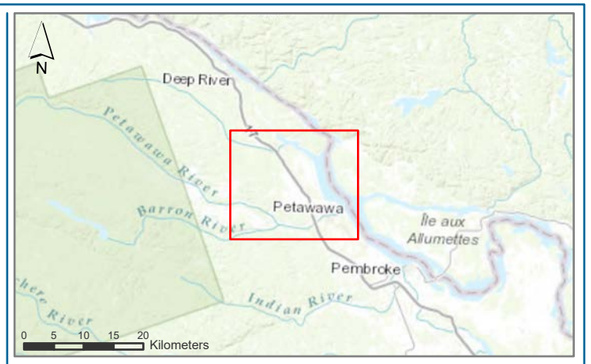
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
LOCATION DETAIL

MAP 20

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LEGEND

STUDY AREAS

AOA

UPDATED HONI BOUNDARIES

ROW RIGHT SIDE 10SEP2025

ROW LEFT SIDE 10SEP2025

Matrix

0 1 2 3 4
Kilometers
1:70,000

REFERENCES:
ONTARIO BASE MAP, PROVINCE OF ONTARIO, MTQ, ONTARIO MNR, ESRI CANADA, ESRI, © OPENSTREETMAP CONTRIBUTORS, HERE, GARMIN, USGS, NGA, EPA, USDA, NPS, AAFC, NRCAN

CORRIDOR AS OF 5 JANUARY 2026 PROVIDED BY HONI

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CHECKED BY: JD

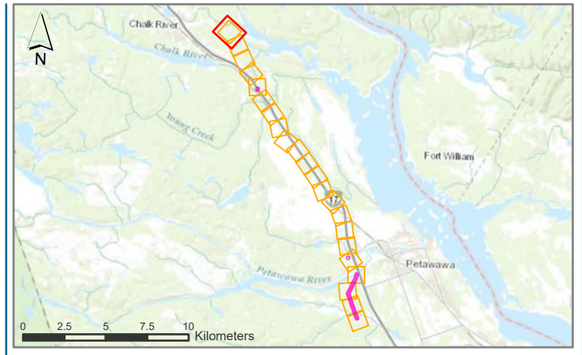
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
DEVELOPMENT PLAN

MAP
21

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

Matrix

0 50 100 150 200
Meters

1:5,000

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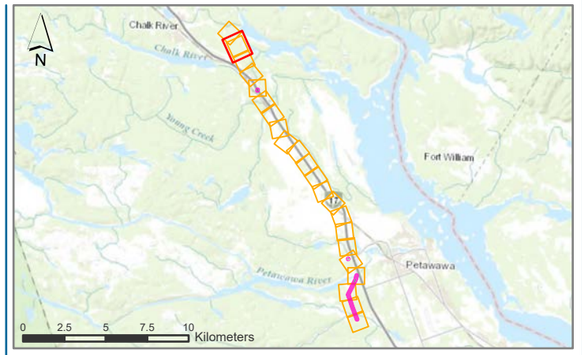
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
22

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

Matrix

0 50 100 150 200
Meters

1:5,000

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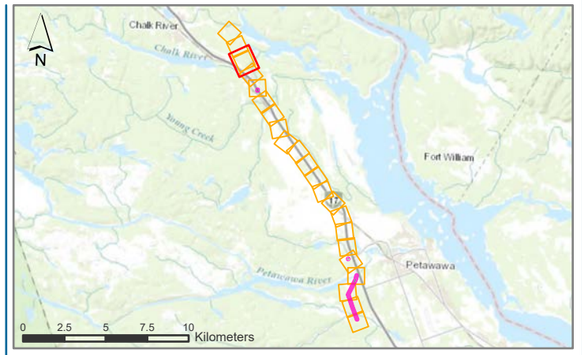
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
23

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

Matrix

0 50 100 150 200
Meters

1:5,000

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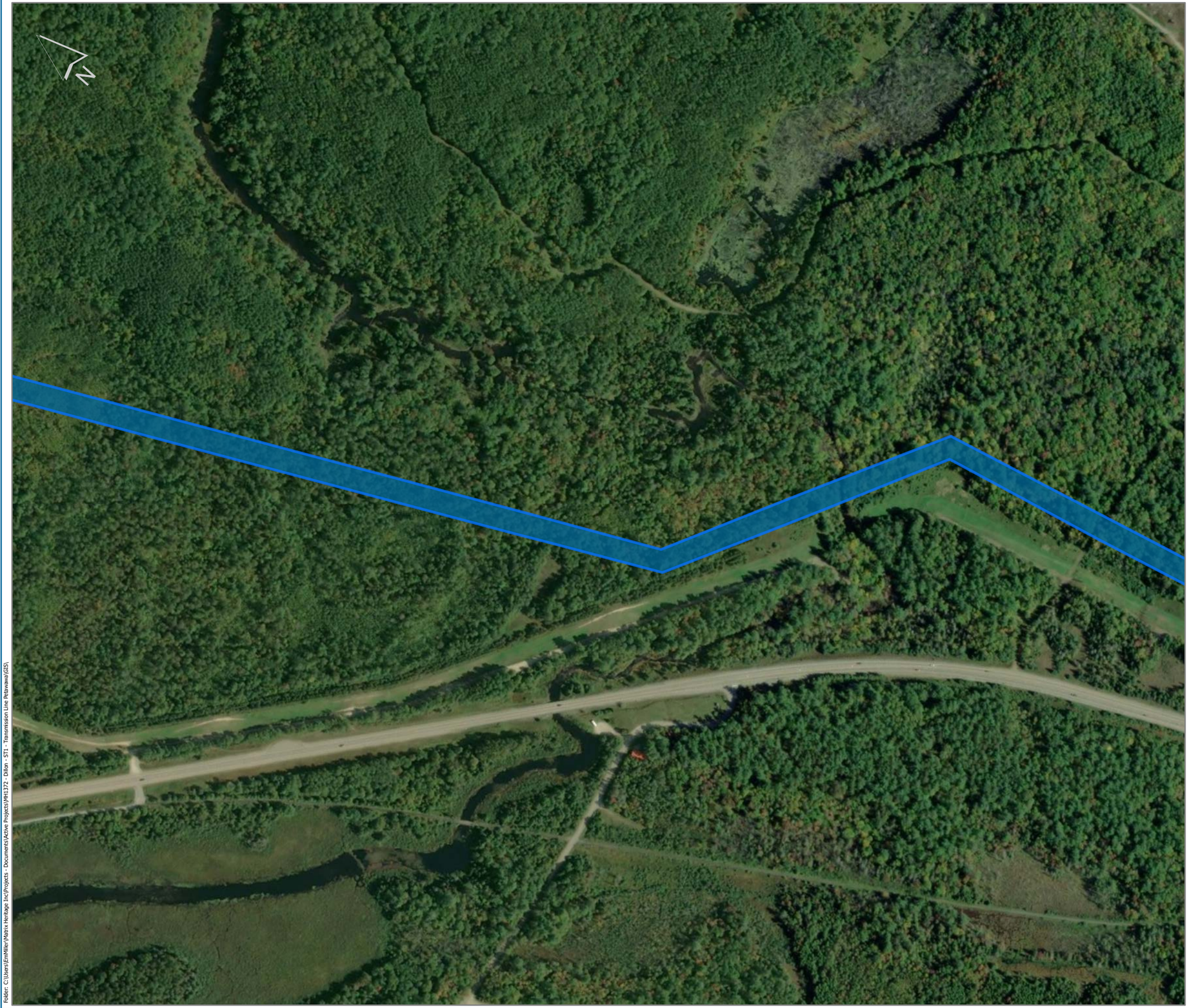
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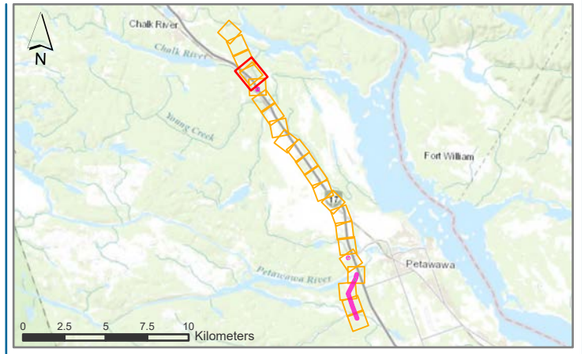
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
24

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

Matrix

0 50 100 150 200
Meters

1:5,000

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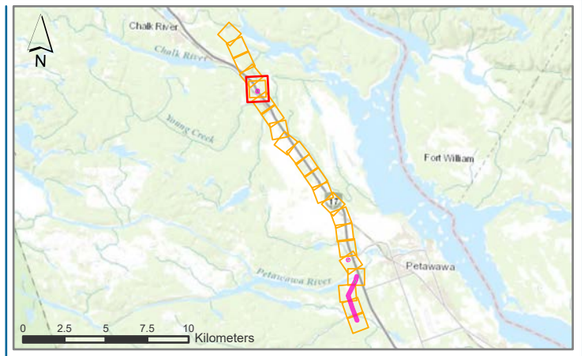
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
25

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

Matrix

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Meters

1:5,000

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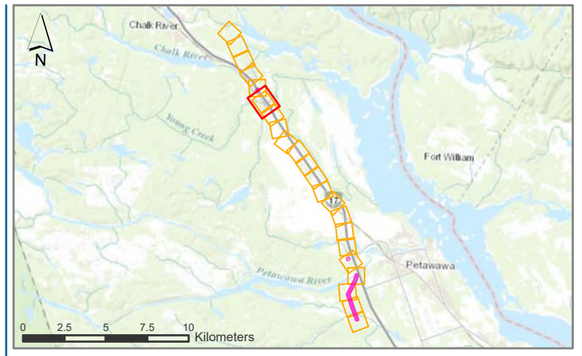
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP 26

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

PERMANENTLY WET

Matrix

0 50 100 150 200
Meters

1:5,000

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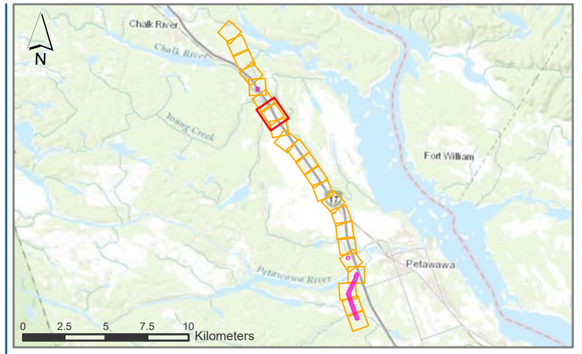
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
27

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

PERMANENTLY WET

Matrix

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Meters

1:5,000

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PROJECT

ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE

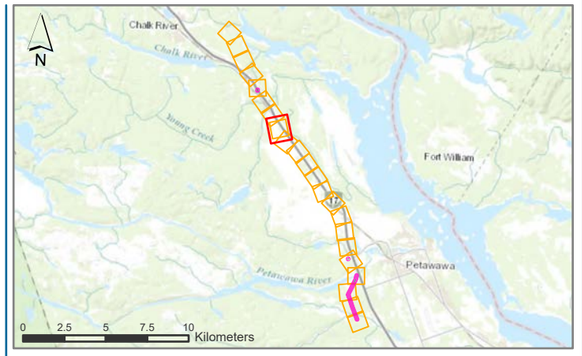
RECOMMENDATIONS

MAP

28

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

0 50 100 150 200
Meters

1:5,000

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CHECKED BY: JD

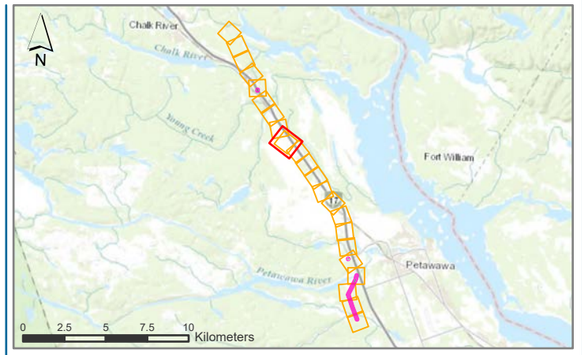
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP 29

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

0 50 100 150 200
Meters

1:5,000

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PROJECTION: NAD 1983 UTM Zone 18N

CHECKED BY: JD

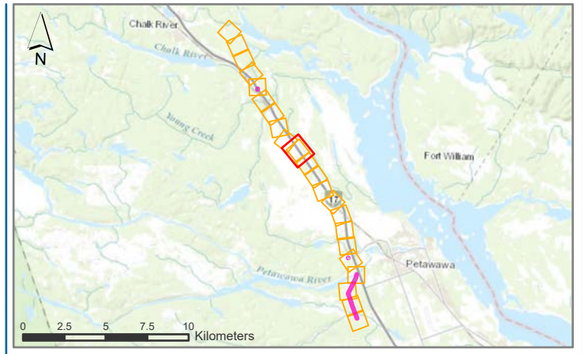
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
30

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LEGEND

AOA

RECOMMENDATIONS

SHOVEL TEST (5 M INTERVAL)

DISTURBED

Matrix

0 50 100 150 200
Meters

1:5,000

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CREATED BY: EM

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CHECKED BY: JD

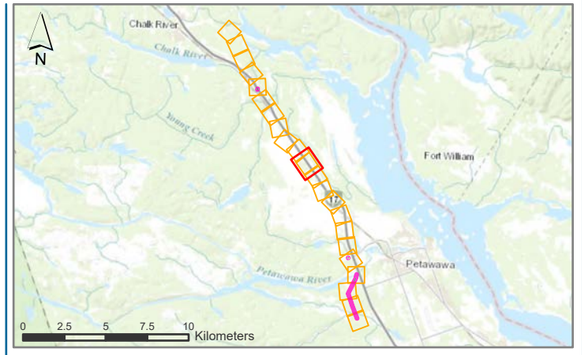
PROJECT
ARCHAEOLOGICAL OVERVIEW ASSESSMENT, PETAWAWA TRANSMISSION LINE, ONTARIO

TITLE
RECOMMENDATIONS

MAP
31

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LEGEND

AOA

RECOMMENDATIONS

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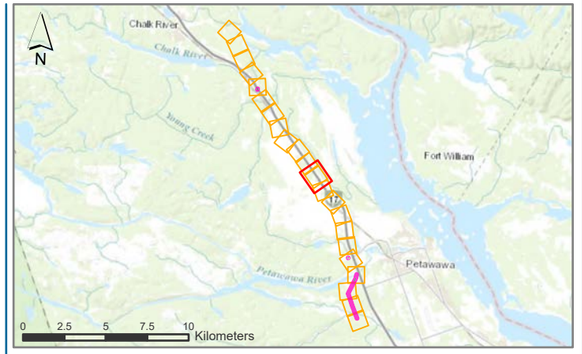
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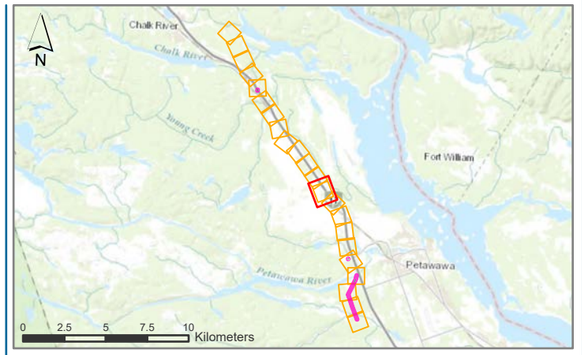
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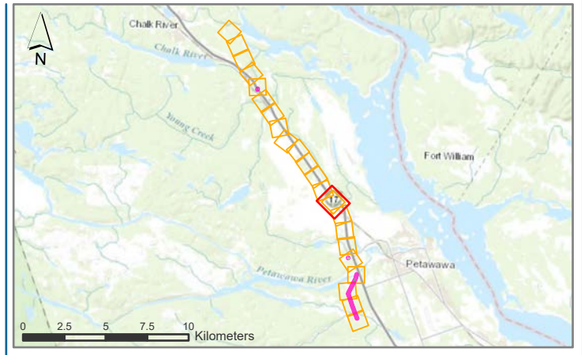
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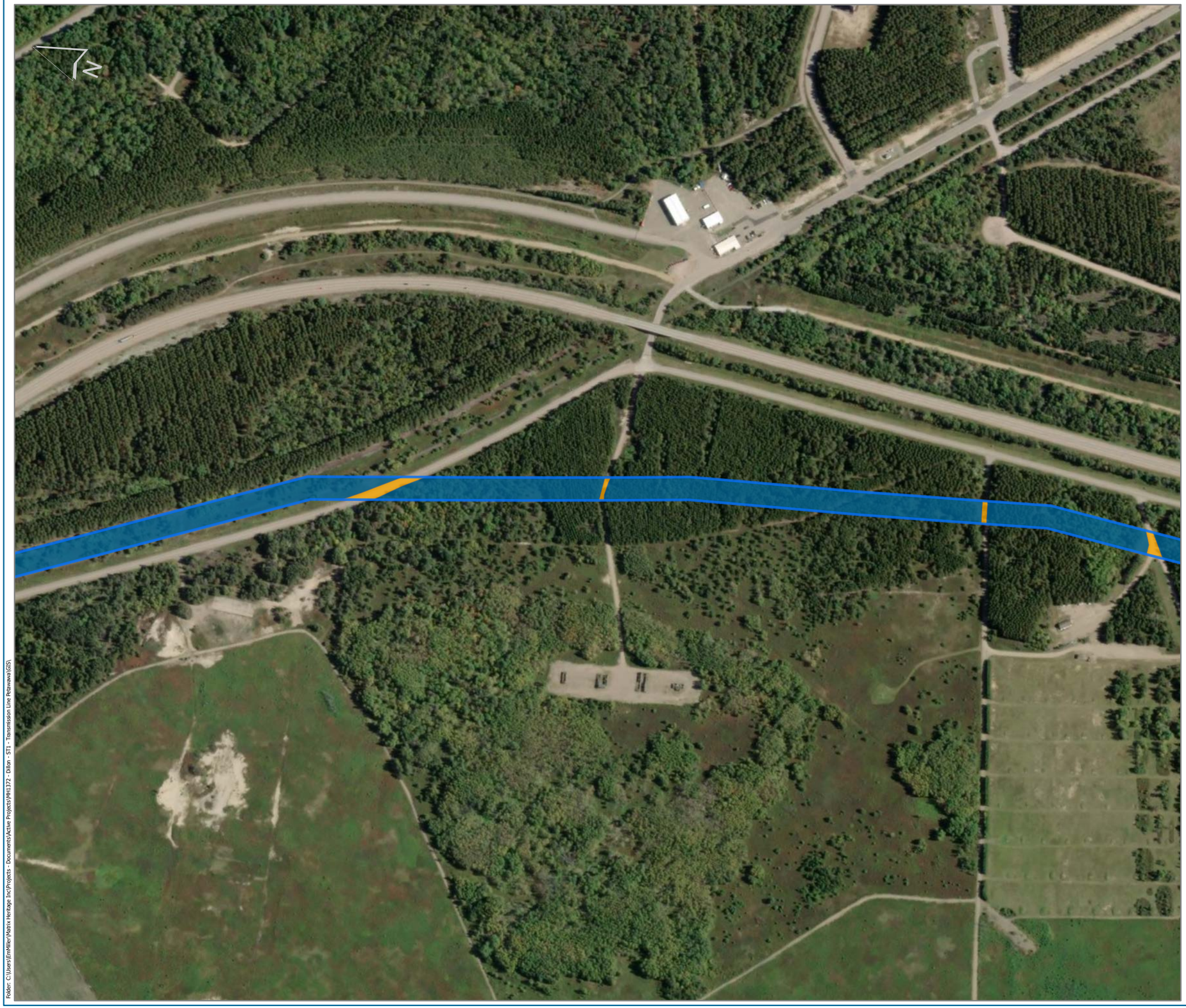
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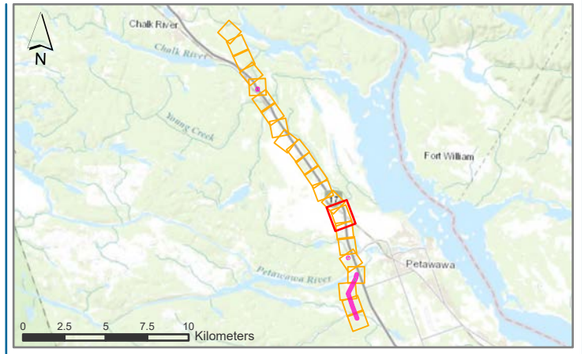
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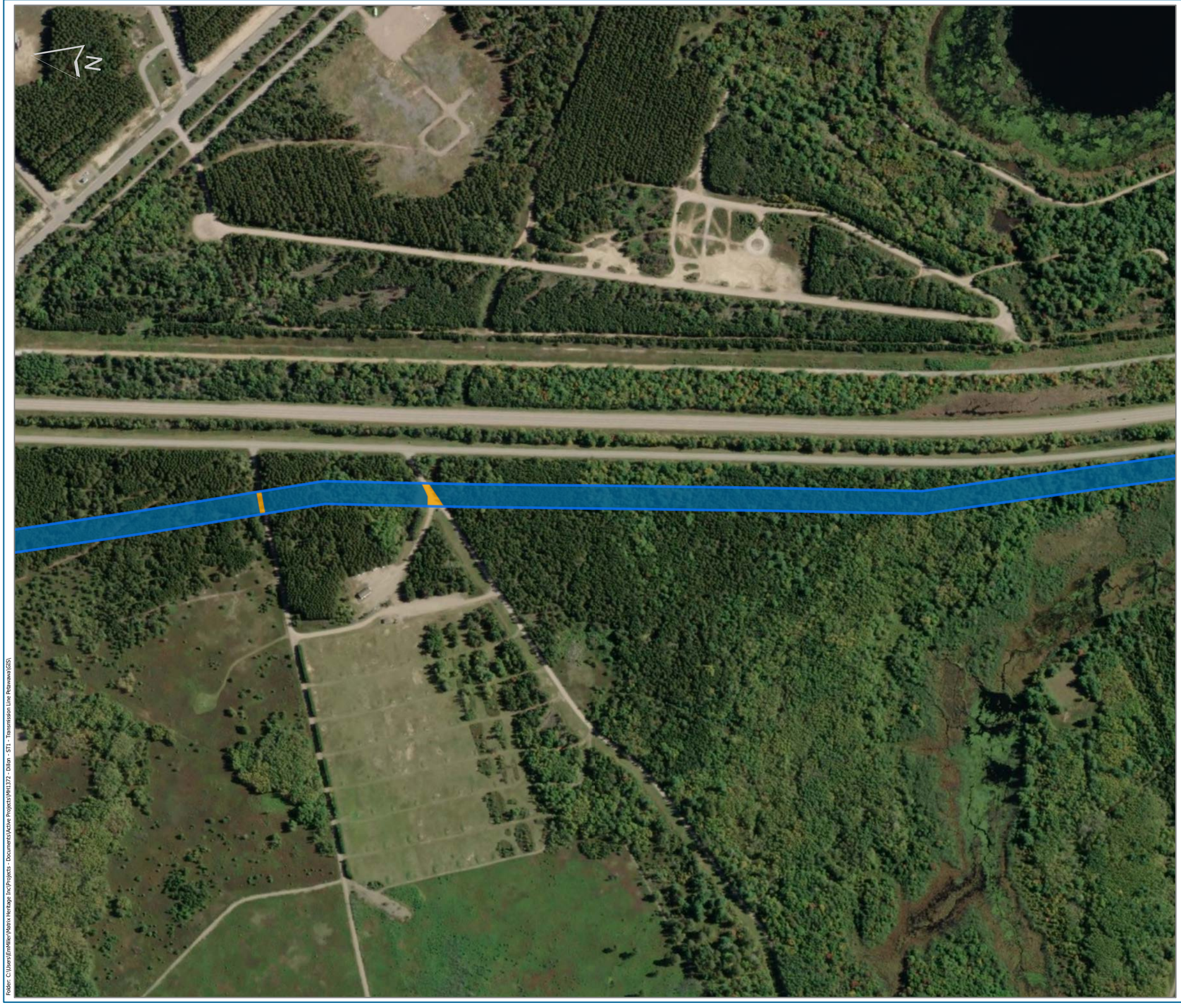
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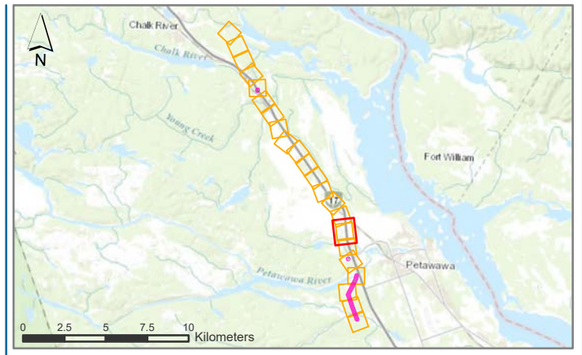
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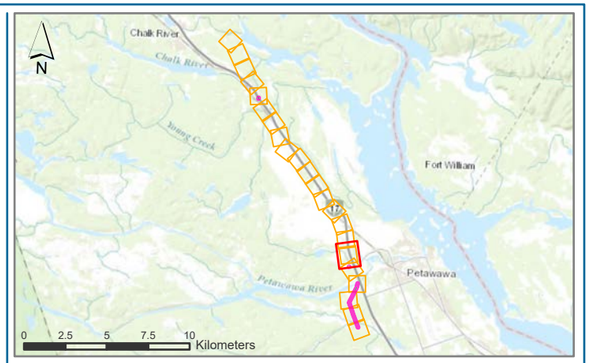
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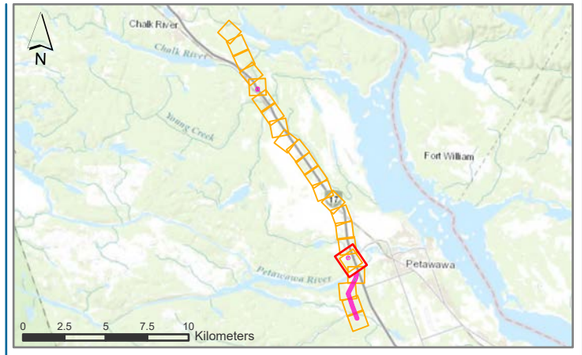
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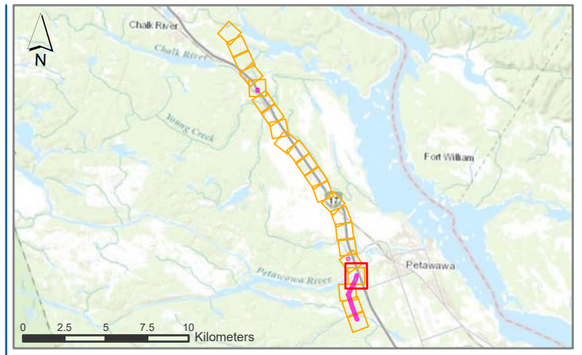
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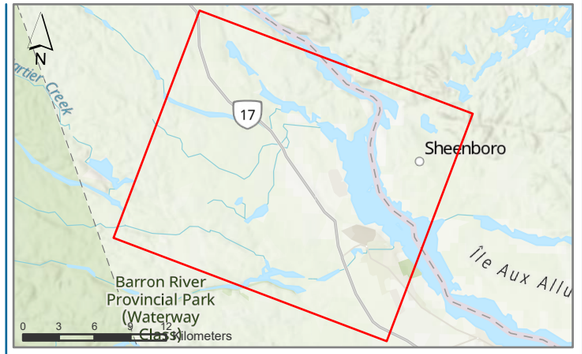
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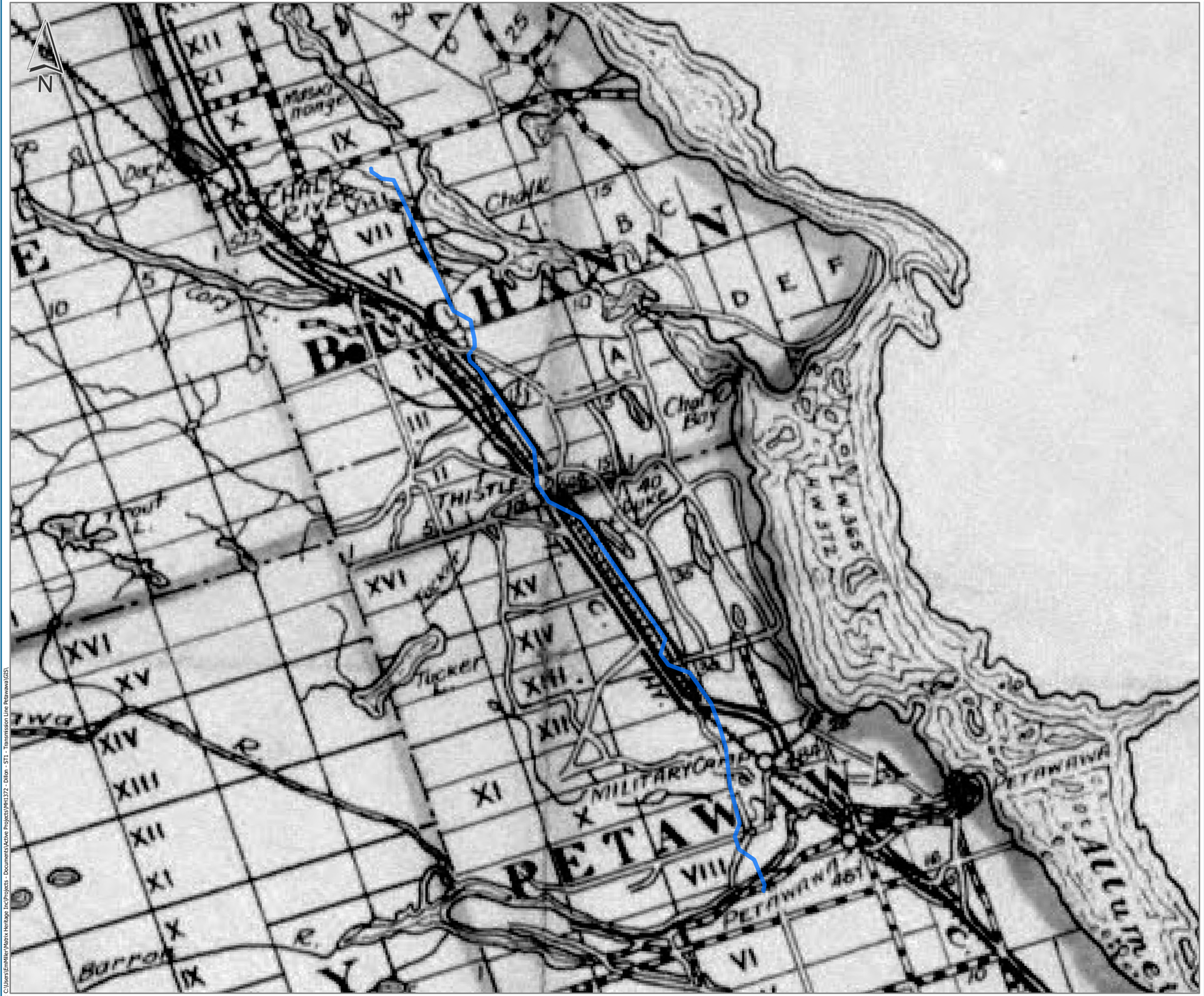
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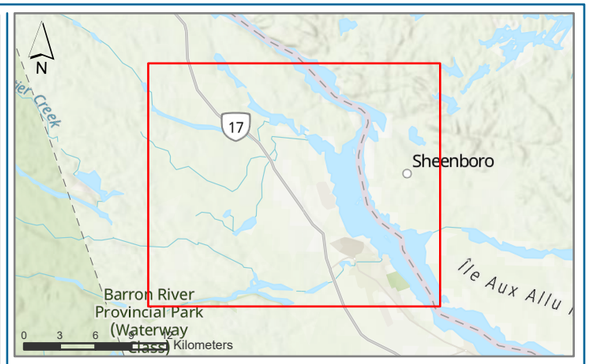
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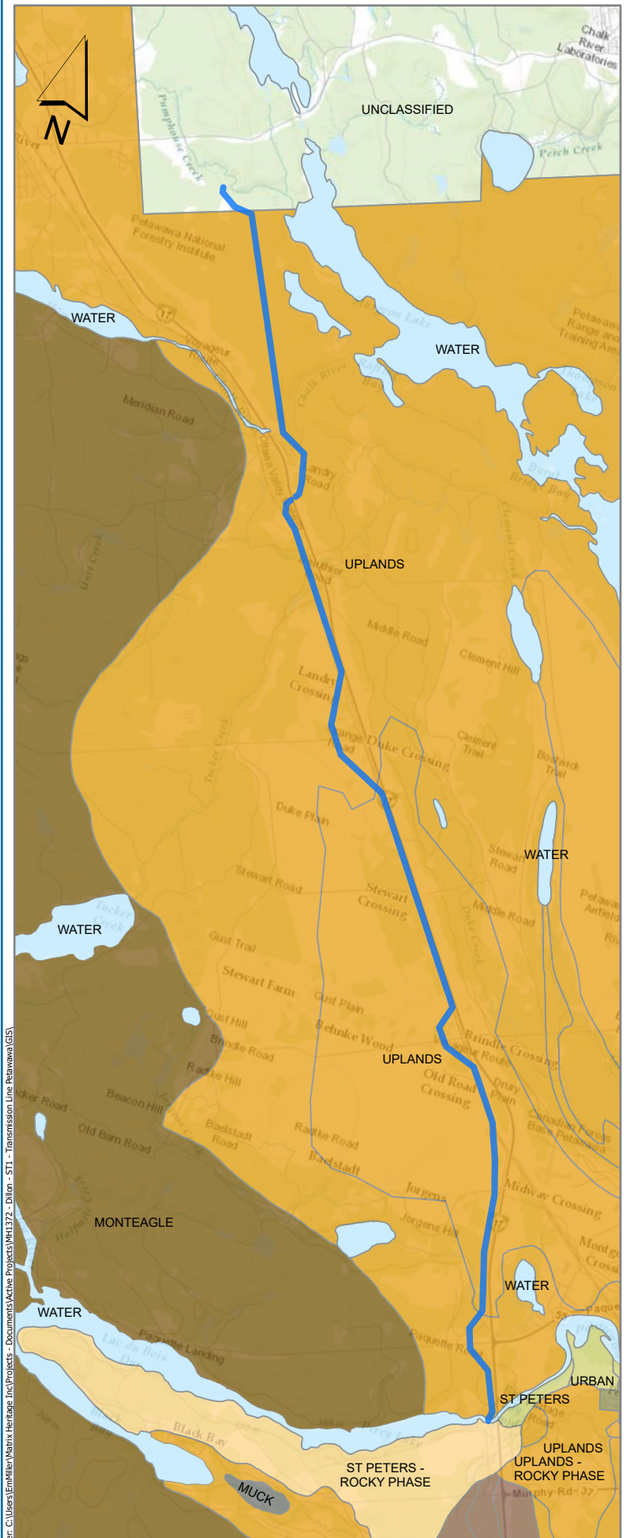
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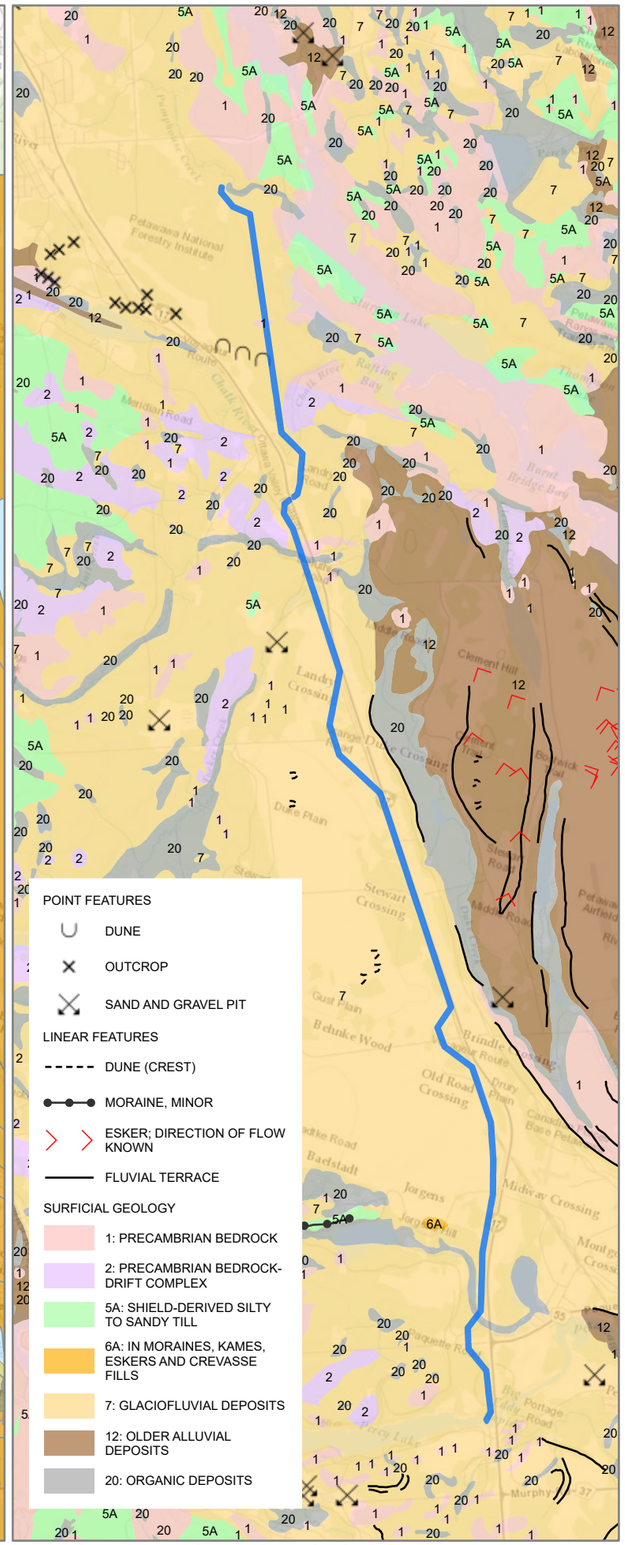
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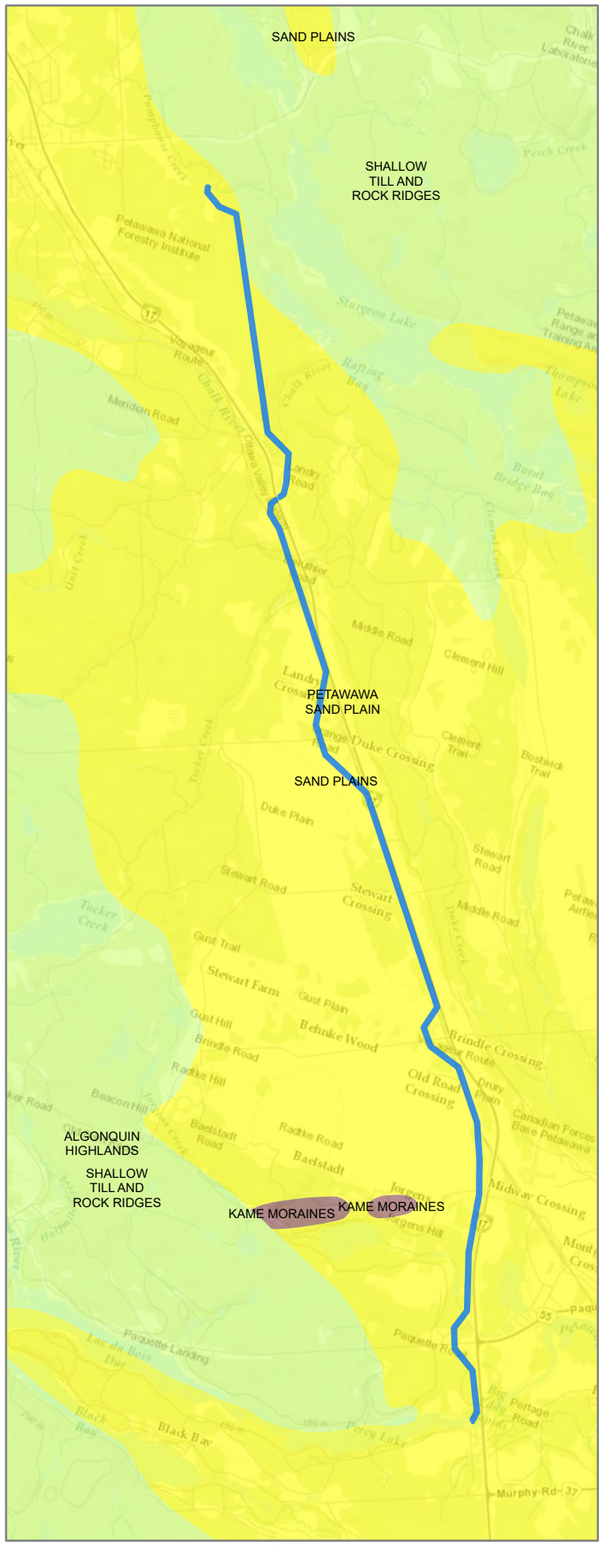
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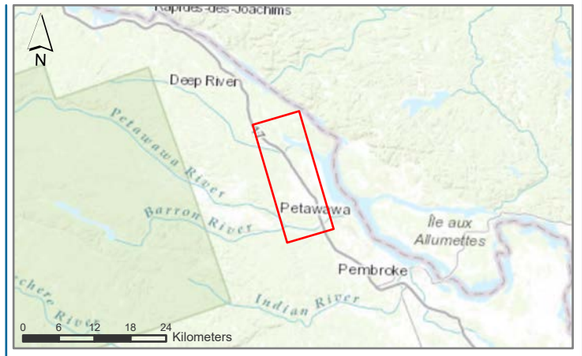
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43

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Appendix A: Map Catalogue

Map Number	Description	Created By
1	Location	E. Miller
2 to 20	Location Detail	E. Miller
21	Development Plan	E. Miller
22 to 40	Recommendations	E. Miller
41 and 42	Historic	E. Miller
43	Geology and Soils	E. Miller

B-4: Natural Environment Existing Conditions Report

hydro one

DILLON CONSULTING

HYDRO ONE NETWORKS INC.

Natural Environment Existing Conditions Technical Report

D6 Transmission Line Relocation Project

December 2025 – 21-2314

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Acronyms and Abbreviations

°C	Degrees Celsius
AECL	Atomic Energy of Canada Ltd.
ANSI	Area of Natural and Scientific Interest
AOO	Algonquins of Ontario
CFB	Canadian Forces Base
Class EA	Class Environmental Assessment
Dillon	Dillon Consulting Limited
DFO	Fisheries and Oceans Canada
DND	Department of National Defence
EA Act	*Environmental Assessment Act*
ECCC	Environment and Climate Change Canada
ELC	Ecological Land Classification
ESA	*Endangered Species Act, 2007*
FMZ	Fisheries Management Zone
FOIBIS	Flora Ontario – Integrated Botanical Information System
ha	hectare(s)
Hydro One	Hydro One Networks Inc.
IAA	*Impact Assessment Act*
JCT	Junction
km	kilometre(s)
kV	kilovolt(s)
LIO	Land Information Ontario
LSA	Local Study Area
m	metre(s)
MECP	Ministry of the Environment, Conservation, and Parks

MNR	Ministry of Natural Resources (or Ministry of Natural Resources and Forestry)
MTO	Ministry of Transportation
NHIC	Natural Heritage Information Centre
O. Reg.	Ontario Regulation
PSA	Project Study Area
PSW	Provincially Significant Wetland
ROW	right-of-way
SAR	Species at Risk
SARA	*Species At Risk Act, 2002*
SARO	Species at Risk Ontario
SCC	Species of Conservation Concern
SWH	Significant Wildlife Habitat
UTM	Universal Transverse Mercator

1.0 Introduction

Hydro One Networks Inc. (Hydro One) is Ontario's largest electricity transmission and distribution service provider; energizing life in Ontario for over 110 years. The D6 Transmission Line Relocation Project began in 2021 at the request of the Federal Department of National Defence (DND) to relocate an existing transmission line corridor that bisects active areas of Canadian Forces Base (CFB) Petawawa. The existing transmission line has also reached end of life and requires refurbishment, including wood pole structure and conductor replacements.

In July 2021, Hydro One commenced a Class Environmental Assessment (Class EA) to construct the Project, which consists of the construction and operation of a new single circuit 115-kilovolt (kV) transmission line in the Township of Laurentian Hills and the Petawawa Junction (JCT) in the Town of Petawawa, to replace the existing transmission line being retired on DND property. The Project is located on both provincially and federally regulated lands as shown on **Figure 1**.

The proposed Project is subject to the provincial Class EA for Transmission Facilities (Hydro One, 2024), an approved planning and decision-making process under the *Environmental Assessment Act* (*EA Act*) designed for proponents to characterize the existing environment, assess potential environmental effects, identify mitigation, identify and evaluate alternatives, undertake consultation and engagement, and document study findings. Dillon Consulting Limited (Dillon) has been retained by Hydro One to prepare this Natural Environment Existing Conditions Technical Report in support of the provincial Class EA being undertaken for the Project.

The proposed Project is also subject to the federal *Impact Assessment Act* (*IAA*) (S.C. 2019, c. 28, s. 1). The Project is partially located on federal lands, which triggers Section 82 of the *IAA*. Although the Project does not meet the definition of a "designated project" under the *Physical Activities Regulations* (SOR/2019-285), Section 82 requires that projects proposed on federal land be reviewed by a responsible federal authority. The DND and Atomic Energy of Canada Ltd. (AECL), as the administrators of the land the Project is proposed on, are the federal authorities responsible under Section 82 of the *IAA* to make a determination on whether the Project is likely to cause significant adverse environmental effects.

This report provides a summary of the natural environment existing conditions, under provincial and federal jurisdiction, associated with the Project based on a review of existing literature and datasets, as well as the results from the natural environment field program. The assessments conducted as part of this Natural Environment Existing Conditions Technical Report will be used to help identify potential impacts of the Project on the natural environment.

1.1 Route Alternatives

The undertaking will involve the installation of a new single-circuit 115 kV wood or composite pole transmission line corridor, including associated infrastructure (e.g., towers, access roads). The undertaking consists of the relocation of approximately 25 kilometres (km) of the D6 transmission line between Chalk River JCT in the Township of Laurentian Hills and the Petawawa JCT in the Town of Petawawa (**Figure 1**). Relocating the transmission line would allow crews to safely perform refurbishment work nearing the end of its service life and minimize impacts to military activities at CFB Petawawa. It would also address the request by DND to relocate the transmission line.

No other alternatives were considered feasible. A 'do nothing' alternative would not address the request by the DND to relocate the transmission line. Further, the existing transmission line has reached end of life and the 'do nothing' alternative would not address the need to refurbish the transmission line.

Based on the preliminary assessment conducted for the Project, two feasible and reasonable route alternatives and variations were identified to be carried forward, these routes and their variations are described below. The route alternatives and their variations are shown on **Figure 1**.

- **Route Alternative A** begins approximately 2 km southeast of the Highway 17 and Plant Road interchange in the Village of Chalk River connecting to the existing D6 transmission line within the AECL property and proceeds south, through CFB Petawawa and parallel to the west side of Highway 17 for approximately 18 km. Route Alternative A crosses the Petawawa River and continues south for approximately 700 metres (m) before diverting southwest for approximately 2.5 km where it then connects to the existing D6 transmission line.
    - **Route Alternative A – Alternate Start** generally follows the same route as Route Alternative A, however, it begins approximately 700 m southwest of the start point of Route Alternative A and parallels the Ottawa Valley Railway before it joins the same route as Route Alternative A near the intersection of Clouthier Road and Highway 17.
    - **Route Alternative A – Refined (2025) (Preferred Route)** generally follows the same route as Route Alternative A, however, it begins approximately 550 m northeast of the start point of Route Alternative A and heads southwest and crosses Highway 17 approximately 775 m south of the Clouthier Road and Highway 17 intersection to join the Route Alternative A. Refined Route Alternative A has some eastward deviations at the intersection of Orange Road and Highway 17, as well as Veritable Road and Highway 17 with an alternate crossing of the Petawawa River approximately 100 m to the west and diverts southwest to Murphy Road and travels south for 2.6 km where it then connects to the existing D6 transmission line south of Black Bay Road.
- **Route Alternative B – East of Highway (Highway 17)** begins approximately 600 m southwest of the Route Alternative A start point connecting to the existing D6 transmission line on the border of the AECL and CFB Petawawa properties and proceeds south, through CFB Petawawa and parallel to the east side of Highway 17 and the abandoned rail corridor formerly used by CP Rail for approximately 17 km. Route Alternative B then diverts southeast from Highway 17 running parallel to the

abandoned rail corridor, crosses the Petawawa River, and continues south for approximately 3.6 km before diverting southwest for approximately 2.6 km where it then connects to the existing D6 transmission line.

- **Route Alternative B – Highway Crossing Deviation** generally follows the same route as Route Alternative B, however, instead of diverting southeast from Highway 17 running parallel to the abandoned rail corridor, the route crosses Highway 17 and follows the same route as Route Alternative A to connect to the existing D6 transmission line to the southwest.

Through the Class EA process and consultation with key stakeholders, Refined Route Alternative A was identified as the Preferred Route. For the purposes of this report, existing conditions are presented for the Preferred Route only.

1.2 Study Area

The study areas considered in the Class EA include the right-of-way (ROW), Project Study Area (PSA), and Local Study Area (LSA) (**Figure 1**).

The ROW includes lands within 15 m of each side of the route alternative centrelines for a total of 30 m and encompasses the proposed length of the transmission line route alternatives from the Chalk River JCT in the Township of Laurentian Hills to the Petawawa JCT in the Town of Petawawa. The ROW captures the area where the majority of direct Project effects, such as vegetation removal, are anticipated to occur.

The PSA includes lands within 120 m of each side of the route alternative centrelines for a total of 240 m. The purpose of the PSA was to determine an area that would encompass the future transmission line location, associated ROW, and adjacent lands so that technical studies and field investigations for the purposes of documenting baseline existing conditions could be appropriately scoped and planned. The PSA is where direct effects may occur along the periphery of the ROW and where indirect effects may occur. Baseline conditions within the PSA of the Preferred Route are described in this report.

The LSA include lands within 500 m of each side of the route alternative centrelines for a total of 1 km. The purpose of the LSA was to expand upon the PSA to include an area of potential indirect Project effects on the natural and socio-economic environments associated with each of the route alternatives. In the context of this report, the LSA encompasses the area where indirect effects of the Project may occur on the natural environment.

Field assessments were conducted within the PSA following a preliminary desktop records review to identify the presence of known natural features, including significant woodlands, wetlands, and watercourses, fish habitat, significant wildlife habitat (SWH), and species at risk (SAR).

1.3 Class EA Consultation Process – Information Sharing

As part of the Class EA consultation process, Indigenous communities, stakeholders, property owners and members of the public have an opportunity to provide feedback to Hydro One. Information provided to the Project team in relation to the natural environment, wildlife, and SAR was verified where access was permitted as part of the natural environment field program.

1.4 First Nations Monitors

Monitors from the Algonquins of Ontario (AOO) participated in some of the field investigations. One of the monitors recommended that 'plane balls' be attached to transmission lines to ensure they are visible to plane operators. A monitor identified Jorgens Creek at Highway 17 (Station RB-WC-09) as Brook Trout habitat. Provincial data does not list Brook Trout at this location.

2.0 Methods

2.1 Background Review

A preliminary desktop records review was completed to identify the potential presence of designated natural features, SWH, and SAR with the potential to occur within the PSA. This information was subject to confirmation and revisions following the field investigations.

Publicly available online resources were used during the background desktop review to identify natural heritage features and potential habitat within the PSA, including:

- Woodlands
- Valleylands
- Areas of Natural and Scientific Interest (ANSIs)
- Wetlands
- Aquatic features
- Fish and fish habitat
- SWH
- SAR
- Rare species.

Resources used during the background review are provided in **Table 1**.

Table 1: Background Review Resources

Source	Record Reviewed/Requested
Federal	
Species at Risk Act, *2002* (*SARA*)	• Schedule 1 list of Species at Risk • Species at Risk Public Registry
Fisheries and Oceans Canada (DFO)	• Aquatic Species at Risk Interactive Mapping (2025)
Provincial	
Endangered Species Act, *2007* (*ESA*)	• Species at Risk in Ontario (SARO) List (Ontario Regulation (O.Reg.) 230/08)
Invasive Species Act, *2015*	• O.Reg. 354/16 (General)
Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)	• Agricultural Information Atlas (OMAFRA, 2020)

Source	Record Reviewed/Requested
Land Information Ontario (LIO), now known as Geospatial Ontario	• LIO GeoHub database (LIO, 2025)
Ministry of Natural Resources (MNR)	• Natural Heritage Information Centre (NHIC) database. • Make a Map: Natural Heritage Areas (MNR, 2025). • Natural Heritage Reference Manual (MNR, 2010). • Significant Wildlife Habitat Technical Guide (MNR, 2000). • Significant Wildlife Habitat Ecoregion 5E Criterion Schedules (MNR, 2015). • Ontario Land Cover Compilation (Version 2). • Forest Management Unit Information. • Crown Land Use Policy Atlas (applicable to projects in northern Ontario; MNR, 2015).
Ministry of the Environment, Conservation and Parks (MECP)	• Source Protection Information Atlas.
Municipal	
County of Renfrew	• Official Plan for the County of Renfrew (Consolidated: May 24, 2024). • Schedule B: Map 1 (Hazards), and Map 4 (Natural Heritage Features).
Town of Deep River	• Town of Deep River Official Plan (Consolidated: February 29, 2024). • Schedule A: Land Use Plan. • Schedule B: Natural Heritage Features.
Town of Petawawa	• Official Plan of the Town of Petawawa (County approved August 1, 2024) • Schedule A: Land Use Plan. • Schedule B: Natural Heritage Features. • Schedule C: Wildland Fire and Hazards.
Other Resources	
Hydro One	• Environmental Due Diligence Report (September 2021)
Wildlife Atlases	• Ontario Breeding Bird Atlas (Cadman et al., 2007). • Christmas Bird Count (National Audubon Society, 2024). • Ontario Butterfly Atlas (Toronto Entomologists Association, 2025).

Source	Record Reviewed/Requested
	• Ontario Reptile and Amphibian Atlas (Ontario Nature, 2025). • Mammals of the Western Hemisphere (NatureServe, 2025). • Important Bird and Biodiversity Areas in Canada Interactive Map, IBA Canada. • Wildlife Management Unit in Ontario Interactive Map.

2.2 Field Program

Field investigations were completed in 2021 and 2022. The Project was placed on hold from 2022 to 2025. Following Project re-initiation, additional field investigations were completed in 2025.

The following field investigations were conducted within the PSA as part of the field program:

- Fish and fish habitat assessments (2021)
- ELC surveys (2021)
- Botanical assessments (2021)
- Breeding bird surveys (2022, 2025)
- Eastern Whip-poor-will and Common Nighthawk surveys (2022)
- Amphibian call count surveys (2022, 2025)
- Significant Wildlife Habitat (all years)
- Species at Risk (all years).

The PSA spans a combination of private and public properties. Where private property access was granted for the field program, lands were traversed[1] on foot to access natural features overlapping with the PSA. Where private property access had not been granted and the property was associated with a natural feature, field data was collected from road ROWs, or from property limits where access was granted; field data collected in this way was supplemented with information collected through aerial imagery interpretation and secondary sources.

During the field program, Environmental Monitors from the AOO often accompanied Dillon staff to monitor the execution of field surveys.

2.2.1 Survey Dates

Field work survey dates, weather conditions, and survey times are provided in **Table 2**.

[1] Dillon accessed lands within legally identified property boundaries only, where land access agreements were in place.

Table 2: Field Program Survey Dates, Times, and Weather

Date	Survey	Time (24 Hour)	Weather Conditions[1]	Surveyor Name
September 27, 2021	Ecological Land Classification (ELC), Botanical Assessment (fall), Fish and Fish Habitat Assessment	-	11°C, wind speed: 0, cloud cover: 100%, intermittent rain	C. Edington, Dale (AOO)
September 28, 2021	Ecological Land Classification (ELC), Botanical Assessment (fall), Fish and Fish Habitat Assessment	-	Not recorded	C. Edington, Dale (AOO)
September 29, 2021	Ecological Land Classification (ELC), Botanical Assessment (fall), Fish and Fish Habitat Assessment	-	Not recorded	C. Edington, Dale (AOO)
April 26, 2022	Amphibian Call Count Survey (Round 1)	20:35 – 23:35	12°C, wind speed: 0, cloud cover: 80%, no precipitation	C. Edington
May 25, 2022	Amphibian Call Count Survey (Round 2)	21:50 – 23:50	14°C, wind speed: 0, cloud cover: 100%, intermittent light rain	C. Edington
June 14, 2022	Breeding Bird Survey (Round 1)	4:50 – 9:50	9°C, wind speed: 0, cloud cover: 0%, no precipitation	C. Edington
June 14, 2022	Eastern Whip-poor-will and Common Nighthawk Survey	20:28 – 22:48	23°C, wind speed: 0, cloud cover: 0%, no precipitation	C. Edington
April 30, 2025	Amphibian Call Count Survey (Round 1)	20:44 – 21:47	6-7°C, wind speed: 1, cloud cover: 1-25%, no precipitation	N. Bone
May 20, 2025	Amphibian Call Count Survey (Round 2)	21:00 – 22:30	11-12°C, wind speed: 2, cloud cover: 0-25%, no precipitation	N. Bone, J. Harris and R. Lance (AOO)

Date	Survey	Time (24 Hour)	Weather Conditions[1]	Surveyor Name
June 12, 2025	Breeding Bird Survey (Round 1) – first crew, Botanical Assessment (spring)	05:45 – 08:00	13°C, wind speed: 2-3, cloud cover: 25-95%, no precipitation	N. Bone, J. Harris, G. Pearce (AOO)
June 12, 2025	Breeding Bird Survey (Round 1) – second crew	6:00 – 8:00	13-14°C, wind speed: 1, cloud cover: 0-25%, no precipitation	J. Harris, N. Bone, G. Pearce (AOO)
June 26, 2025	Breeding Bird Survey (Round 2), Botanical Assessment (summer)	5:25 – 11:45	15-18°C, wind speed: 0, cloud cover: 0-50%, no precipitation	J. Harris
June 26, 2025	Amphibian Call Count Survey (Round 3)	21:32 – 22:32	17-18°C, wind speed: 0, cloud cover: 26-50%, no precipitation	J. Harris
July 4, 2025	Breeding Bird Survey (Round 3)	5:45 – 8:35	9-15°C, wind speed: 1, cloud cover: 0-25%, no precipitation	J. Harris

2.2.2 Fish and Fish Habitat Assessment

Following the completion of the desktop review, watercourses mapped by the MNR, DFO, and local municipal datasets were identified in the PSA. These watercourses informed the identification of survey stations. Ten survey stations were identified. Field investigations were completed in 2021 (please see dates and weather conditions in **Table 2**). Of these, six stations are within the PSA, or just outside the PSA, and are discussed in this report.

At these stations, watercourses were assessed by classifying stream morphology, in-stream and riparian vegetation, substrate type, bank stability, as well as the presence of groundwater indicators (e.g., iron staining, bank seepage, presence of watercress). Observations of fish were also documented. General information gathered during aquatic assessments included the date of sampling, coordinates, and digital photographs.

2.2.3 Ecological Land Classification (ELC)

Vegetation communities were characterized using the ELC System for the Greak Lakes – St Lawrence Region (Banton *et. al.,* 2010). Vegetation community boundaries were determined through review of aerial imagery, and then verified and refined on-site, where property access was permitted. Where access was not permitted, assessments of botanical communities were performed as roadside surveys, from adjacent lands where access had been permitted, and/or a detailed review of aerial mapping. Field investigations were completed in 2021 (please see dates and weather conditions in **Table 2**).

ELC was used to map ecological communities and identify the dominant species in each vegetation community type based on visual estimates of species abundance and biomass. Species nomenclature is based on the Ontario Plant List (Newmaster *et al*., 1998) with updates from the Flora Ontario – Integrated Botanical Information System (FOIBIS, 2005).

Areas of anthropogenic uses (i.e., agriculture, transportation, and residential properties) were also mapped to provide an account of existing conditions within the PSA.

2.2.4 Botanical Assessments

Botanical assessments were completed concurrently with the ELC surveys. A three-season vegetation inventory was completed (i.e., spring, summer, fall). If encountered, the location and abundance of botanical Species of Conservation Concern (SCC) and/or SAR were documented and photographed, and UTM coordinates were recorded. No targeted species-specific plant surveys were completed. Field investigations were completed in 2021 and 2025 (please see dates and weather conditions in **Table 2**). A running species list was recorded for all areas surveyed in 2021 and 2025. Since the PSA has since been refined between 2021 and 2025, some botanical species may not be present within the PSA of the current Preferred Route, but are present nearby.

2.2.4.1 Invasive Species

Presence of invasive species were documented as part of the botanical assessments and assigned to the applicable category for Invasive Priority Control. The Invasive Priority Control values range between Category 1 (C1; Top priority) and Category 5 (C5; Potential Invasive Species) and are further discussed in **Section 3.2.3.1** (Urban Forest Associates, 2014).

2.2.5 Breeding Bird Surveys

Diurnal breeding bird surveys were conducted following the methods outlined in the Ontario Breeding Bird Atlas Instructions for General Atlassing (Birds Canada, 2021). Thirty-nine survey points were identified (BBS 01-38). Note that there are two BBS #27 stations.

In 2022, one round of surveys was completed at BBS stations BBS1 to BBS27 (2022), but no additional rounds were completed in 2022 as the Project was placed on hold so that route alternatives could be refined. In 2025, three rounds of surveys were completed at seventeen stations (BBS 3, BBS 5, BBS 8, BBS 11, BBS 20, BBS 27 [2025], BBS 28, BBS 29, BBS 30, BBS 31, BBS 32, BBS 33, BBS 34, BBS 35, BBS 36, BBS 37, BBS 38).

Nineteen stations are within the PSA of the Preferred Route (BBS 5, BBS 8, BBS 9, BBS 11, BBS 12, BBS 13, BBS 15, BBS 16, BBS 17, BBS 27 [2025], BBS 29, BBS 30, BBS 31, BBS 32, BBS 33, BBS 34, BBS 35, BBS 37, BBS 38). Survey stations are shown on **Figure 3**. Please see dates and weather conditions in **Table 2**.

Surveys consisted of 10-minute point counts generally conducted between dawn and five hours after sunrise. These surveys were used to establish quantitative estimates of bird abundance in suitable habitat types. During the surveys, evidence of breeding behaviour was recorded, which generally

includes, but is not limited to, males singing, nest building, egg incubation, territorial defence, carrying food, and feeding their young. Weather conditions such as wind speed, direction, and temperature were recorded for each survey.

2.2.6 Eastern Whip-poor-will and Common Nighthawk Surveys

Suitable areas of mixed habitat with openings or clearings were surveyed in accordance with the Guidelines for Conducting Eastern Whip-poor-will Roadside Surveys in Ontario (Bird Studies Canada, 2014), and the Canadian Nightjar Survey Protocol (Knight *et al.,* 2018). Habitat for Eastern Whip-poor-will was identified through a review of aerial imagery and the 2021 ELC survey results. Aerial imagery and ELC data informed point count survey locations.

Four survey points were identified (CREP 1-4). Field investigations were completed in 2022 (please see the date and weather conditions in **Table 2**). One station is slightly outside of the PSA of the Preferred Route and is discussed in this report (CREP 3). The other stations are excluded as they are not within the PSA.

Surveys were conducted during periods of no precipitation, low noise levels, little or no wind (Beaufort less than 3), clear skies and good visibility (low to no cloud cover). In addition, surveys were conducted when the moon was at least half full (one week on either side of the full moon). Surveys were initiated 30 minutes before sunset (Common Nighthawk) and 30 min after sunset (Eastern Whip-poor-will). Nighthawk surveys were spaced approximately 1.6 km apart, while Whip-poor-will point counts were spaced approximately 1 km apart. Surveys were completed concurrently for efficiency purposes.

According to the protocol, one survey was completed between June 15 and June 27. Each point count survey was six minutes in length.

2.2.7 Amphibian Call Count Surveys

Amphibian monitoring followed the Marsh Monitoring Program protocol (Bird Studies Canada, 2009). In accordance with the protocol, three different surveys were conducted between April 1 and June 30, with at least two-weeks between each survey. Surveys were undertaken between one half hour after sunset and midnight during evenings with a minimum night temperature of 5 ^{o}C, 10 ^{o}C, and 17 ^{o}C for each of the three respective surveys. Survey points aligned with potentially suitable breeding habitat. Twenty-one survey points were identified (AMPH 01-21) and surveyed over the course of the field program.

In 2022, amphibian call counts were completed at 18 survey stations (AMPH 1 to AMPH 18). However, only the first two of three rounds were completed before the Project was placed on hold.

In 2025, after the Project was resumed, amphibian call count surveys were completed at 8 survey stations (AMPH 2, AMPH 7, AMPH 10, AMPH 13, AMPH 14, AMPH 19, AMPH 20, and AMPH 21). All three rounds were completed. The last three of these stations are located outside of the PSA of the Preferred Route. They were included to collect amphibian call count data from wetlands along Black Bay Creek since property access to Black Bay Creek within the PSA was not granted.

Ten stations are within the PSA of the Preferred Route, or in close proximity to the PSA, and discussed in this report (AMPH 2, AMPH 7 – 10, AMPH 13 – 14, AMPH 19 - 21). Survey stations are shown on **Figure 3**. Please see dates and weather conditions in **Table 2**.

The calling activity of individuals estimated to be within 100 m of the observation point were documented. Individuals beyond 100 m were recorded as outside the count circle. Calling activity was ranked using one of the three abundance code categories:

- Code 1: Calls not simultaneous, number of individuals can be accurately counted.
- Code 2: Some calls simultaneous, number of individuals can be reliably estimated.
- Code 3: Calls continuous and overlapping, number of individuals cannot be estimated.

2.3 Species at Risk

For the purposes of this report, SAR refers to species that are listed on Schedule 1 under the federal *SARA*, specifically, species that are federally Extirpated, Endangered, Threatened or Special Concern. For the purposes of this report, SAR also refers to species that are listed on O. Reg. 230/08: Species at Risk in Ontario List, under the provincial *ESA* as provincially Extirpated, Endangered, or Threatened. It does not include species that are of Special Concern under the provincial *ESA*. Species that are listed as Special Concern under the *ESA*, which do not receive species or habitat protection, are discussed in the Significant Wildlife Habitat section of the report under the SWH type 'Special Concern and Rare Species'.

A general SAR habitat assessment was completed to address SAR species for which potential habitat was identified during the background review. Where these species, or their habitat, were confirmed to be present during field investigations, their locations were mapped.

2.4 Significant Wildlife Habitat

Candidate and/or confirmed SWH was assessed, and mapped where applicable, following criteria outlined in the Ecoregion 5E Criterion Schedule (MNR, 2015) and the Significant Wildlife Habitat Technical Guide (MNR, 2000). These assessments were based on the results of other surveys (such as ELC, breeding bird surveys, etc.), as well as incidental wildlife observations.

3.0 Results

3.1 Background Review

3.1.1 Terrestrial Features

Through the background review, the presence of terrestrial features (i.e., woodlands, wetlands, and ANSIs) were assessed within the PSA.

3.1.1.1 Woodlands

The majority of the PSA exists as forested habitat. Woodlands present within the PSA are located within the Ottawa Valley Forest Management Unit. A portion of the PSA overlaps with the Natural Resources Canada Petawawa National Research Forest (NRCan National Research Forest) (**Figure 2**).

While Woodlands were not identified in Official Plans of the County of Renfrew or Town of Petawawa, mapping provided from MNR Ontario Land Cover data (Version 2; Sparse Treed, Deciduous Treed, Mixed Treed and Coniferous Treed layers) was evaluated. Based on this data, coniferous forest is the dominant forest cover throughout the PSA; mixed forests and sparse treed habitat types were the next most common forest types mapped.

While woodlands were not specifically mapped within the County of Renfrew Official Plan, Schedule B, Map 1 (Hazards) indicates that the Preferred Route may cross some forest types considered high "Wildland Hazards." The Wildland Hazard designation is meant to identify forest types associated with the risk of high to extreme wildland fires; the risk assessment tools used to apply this designation was established by the MNR. The County mapping also indicates areas of pine requiring further evaluation to determine the level of hazard present.

Woodlands identified as part of the background review are shown on **Figure 2**.

3.1.1.2 Wetlands

While no Provincially Significant Wetlands (PSWs) were identified within the PSA, several unevaluated wetlands were identified in background mapping. Unevaluated wetlands present in layers provided in the MNR and Ontario Land Cover data sets corresponded to the "Environmental Protection" designations mapped within Schedule B, Map 4 (Natural Heritage Features) of The County of Renfrew Official Plan, and Schedule A (Land Use Plan) of the Town of Petawawa Official Plan.

Wetlands identified as part of the background review are shown on **Figure 2**.

3.1.1.3 Areas of Natural and Scientific Interest

There are no ANSIs mapped by the Province within the PSA.

3.1.2 Aquatic Features

3.1.2.1 Watercourses and Waterbodies

Through the background review, the presence of aquatic features was assessed within the PSA.

Major watercourses identified within the PSA include Chalk River, Petawawa River, Young Creek, Tucker Creek, Jorgens Creek, and Black Bay Creek.

No major waterbodies were identified within the PSA. Nearby major waterbodies outside of the PSA include Mudturtle Lake, Percy Lake, and Brennan Lake.

Other watercourses and waterbodies (e.g., unnamed watercourses, drainages, ponds) are also present within the PSA.

3.1.2.2 Fish and Fish Habitat

The PSA is located in the Northeastern Ontario and Fisheries Management Zone 15 (FMZ 15) for Parry Sound, Bancroft, Pembroke, and Algonquin Park (MNR, 2021), and intersects the Chalk River Tertiary Watershed, the Petawawa Point Watershed and Ile aux Alumettes Watershed of the Ottawa River, as well as the Black Bay Watershed of the Petawawa and Barron River.

Game fish species identified within FMZ 15 include Northern Pike (*Esox lucius),* Walleye (*Sander vitreus vitreus*), Lake Whitefish (*Coregonus clupeaformis*), Lake Sturgeon (*Acipenser fulvescens pop. 3*), Brown Trout (*Salmo trutta*), Largemouth Bass (*Micropterus salmoides*), Smallmouth Bass (*Micropterus dolomieu*), and Muskellunge (*Esox masquinongy)* (MNR, 2021).

A search for provincial fish records was completed to identify fish known to be present within the provincially-mapped aquatic line segment overlapping with each of the fish and fish habitat assessment stations identified in the PSA. Provincial fish data was available for five of the six stations and is summarized in **Table 3**.

Table 3: Provincial Fish Records

Project Survey Station	Watercourse Name	Provincial Water Line Segment (LIO, 2025)	Fish Species (LIO, 2025)
RA-WC-03_ RB-WC-05	Petawawa River	PE-0005-PET	Blacknose Shiner (*Notropis heterolepis*), Brassy Minnow, Brown Bullhead (*Ameiurus nebulosus*), Central Mudminnow, Channel Catfish (*Ictalurus punctatus*), Creek Chub, Fallfish (*Semotilus corporalis*), Iowa Darter (*Etheostoma exile*), Johnny Darter (*Etheostoma nigrum*), Johnny Darter x Tesselated Darter (*Etheostoma nigrum* x *Etheostoma olmstedi*), Lake Sturgeon (*Acipenser fulvescens*), Largemouth Bass (*Micropterus salmoides*), Logperch (*Percina caprodes*), Longnose Dace (*Rhinichthys cataractae*), Mottled Sculpin (*Cottus bairdii*), Muskellunge (*Esox masquinongy*), Northern Pike, Rainbow Smelt (*Osmerus mordax*), River Redhorse (*Moxostoma carinatum*), Rock Bass, Shorthead Redhorse (*Moxostoma macrolepidotum*), Smallmouth Bass, Walleye (*Sander vitreus*), White Sucker (*Catostomus commersonii*), Yellow Perch
RB-WC-09	Jorgens Creek	PE-0019-PET	Bluegill (*Lepomis macrochirus*), Brown Bullhead, Central Mudminnow, Fathead Minnow (*Pimephales promelas*), Iowa Darter, Mottled Sculpin, Northern Pike, Northern Redbelly Dace, Pumpkinseed, White Sucker, Yellow Perch
RA-WC-08	Chalk River	PE-0032-BUC	Bluegill, Brown Bullhead, Central Mudminnow, Fathead Minnow, Iowa Darter, Mottled Sculpin, Northern Pike, Northern Redbelly Dace, Pumpkinseed, White Sucker, Yellow Perch.
RA-WC-07	Young Creek	PE-0024-BUC	Bluntnose Minnow (*Pimephales notatus*), Brook Stickleback, Brook Trout (*Salvelinus fontinalis*), Central Mudminnow, Common Shiner (*Luxilus cornutus*), Creek Chub.
RA-WC-06	Tucker Creek	PE-0019-BUC	Blacknose Dace (*Rhinichthys atratulus*), Bluntnose Minnow, Brook Trout, Central Mudminnow, Common Shiner, Creek Chub, Largemouth Bass, Northern Redbelly Dace, Rainbow Smelt, Rainbow Trout (*Oncorhynchus mykiss*), Smallmouth Bass, Yellow Perch.
Unnamed	Unnamed (ephemeral)	None	No data

3.1.3 Species at Risk

Forty (40) SAR were identified during background review as being known to occur, or having the potential to occur, within the PSA. A list of these SAR identified during the background review, as well as the results of the field investigations for SAR and SAR habitat, are provided in **Section 3.3**.

No habitat for aquatic SAR is mapped within the PSA (DFO, 2025).

Mapped Critical Habitat grid squares (coarse grids of 1, 10, 50 or 100 km^2) overlap with the PSA for the following species listed on Schedule 1 of *SARA*: Kirkland's Warbler (*Setophaga kirtlandii*), American Ginseng (*Panax quinquefolius*), Wood Turtle (*Glyptemys insculpta*), Blanding's Turtle (*Emydoidea blandingii*), and Eastern Whip-poor-will (*Antrostomus vociferus*) (Canadian Geospatial Data Infrastructure, 2025). The Government of Canada uses grid squares to broadly indicate the general location of Critical Habitat for SAR, especially for sensitive data, serving as flags to consult the detailed Species at Risk Public Registry for precise locations, recovery documents, and biophysical attributes defining the actual habitat within those squares (ECCC, 2025). Field investigations were conducted to determine whether there is suitable habitat for these SAR in the PSA.

3.1.4 Significant Wildlife Habitat

Fourteen types of SWH were identified during the background review as being known to occur, or having the potential to occur, within the PSA. A list of the types of SWH identified during the background review, as well as the assessment of SWH based on the results of the field investigations, are provided in **Section 3.3**.

3.2 Field Program

Dates and weather associated with the field program are provided in **Section 2.2.1, Table 2**. Survey stations are illustrated on **Figure 3**.

The results of the field surveys are summarized in the following subsections.

3.2.1 Fish and Fish Habitat Assessment

Fish and fish habitat assessments were completed at ten locations assessed as potential watercourse features, six of which are within the PSA of the Preferred Route. Survey locations are shown on **Figure 3**. Results are provided in **Appendix A** – **Table A-1**.

Results include fish habitat and general watercourse characteristics that were observed during aquatic assessments. Five permanent watercourses were confirmed, and one ephemeral feature that was dry at the time of assessment and did not have a distinct channel.

Fish were not recorded at any of the stations during non-intrusive visual inspections (i.e., no electrofishing or netting was completed). However, there are provincial fish records for five stations, as discussed in **Section 3.1.2.2**. The presence or absence of fish habitat at the station with ephemeral flow could not be confirmed.

3.2.2 Ecological Land Classification (ELC)

A breakdown of the combined area in hectares (ha) for each ELC community observed within the PSA is provided below in **Table 4**. None of the ELC communities are provincially rare. ELC mapping is shown on **Figure 4**. Representative photos from the PSA are provided in **Appendix G**.

Table 4: ELC Communities Identified within the Project Study Area

Community Code	Community Detail	Area (ha) within PSA	Description
G033cT	Red Pine – White Pine Conifer (Closed Canopy)	38.34	The canopy and sub-canopy consisted of abundant occurrences of Eastern White Pine (*Pinus strobus*) and Red Pine (*Pinus resinosa*) with a variable mixture of occasional to rare occurrences of Balsam Fir (*Abies balsamea*), Jack Pine (*Pinus banksiana*), Northern Red Oak (*Quercus rubra*), Paper Birch (*Betula paprifera*), Red Maple (*Acer rubrum*) and Trembling Aspen (*Populus tremuloides*).
G042cT	Maple Hardwood (Closed Canopy)	26.48	The canopy and sub-canopy consisted of abundant to occasional occurrences of Red Maple, Sugar Maple (*Acer saccharum*), Paper Birch with rare occurrences of Eastern White Pine.
G042T	Maple Hardwood	0.5	---
G043cT	Mixedwood (Closed Canopy)	186.03	The canopy and sub-canopy consisted of a variable mixture of abundant to occasional occurrences of Eastern White Pine, Red Pine, White Spruce, Large-tooth Aspen (*Populus grandidentata*), Trembling Aspen, Paper Birch and Northern Red Oak with rare Jack Pine.
G043T	Mixedwood	6.94	---
G128Tl	Intermediate Conifer Swamp	5.29	Based on aerial interpretation, this community contains woody coniferous vegetation and is within areas identified by MNRF LIO as unevaluated wetland.
G133T	Hardwood Swamp	2.07	---
G131Tl	Maple Hardwood Swamp	8.03	The canopy was dominated by Red Maple and American Larch (*Larix laricina*) with an understory dominated by Speckled Alder (*Alnus incana*).
G134S	Mineral Thicket Swamp	14.83	Dominated by Speckled Alder.

Community Code	Community Detail	Area (ha) within PSA	Description
G033cT - Plantation	Red Pine – White Pine Conifer (Plantation) (Closed Canopy)	112.28	Coniferous plantations dominated by Red Pine, including occasional to abundant Jack Pine. Rare occurrence of variable mixtures of Trembling Aspen, Paper Birch and Large-tooth Aspen. Some community occurrences were assessed aerially with species occurrences assumed based on adjacent communities that has been assessed from the ground and general forest features seen through aerial imagery.
G148N	Mineral Shallow Marsh	8.70	This community was dominated by Narrow-leaved Cattail with occasional to rare Speckled Alder.
G110N	Meadow	7.93	---
OA	Open Water	2.68	Open water areas such as large stream, rivers or lakes.
G033sT	Red Pine – White Pine Conifer (Sparse treed)	0.64	Trees species within this community included Jack Pine, Eastern White Pine and Red Pine.
G043sT	Mixedwood (Sparse treed)	1.82	---
CGL	Greenlands	21.99	Field, recreational pathway
CVC	Commercial and Institutional (Department of National Defense)	7.50	---
CVI	Transportation and Utilities	40.82	---
CVI_4	Hydro Transmission Corridor	2.01	---

Community Code	Community Detail	Area (ha) within PSA	Description
G109N	Field	5.60	The community was determined to be perennial cover crops growing hay.
GSt	Shrub	6.08	---

3.2.3 Botanical Assessments

One hundred and thirty-eight (138) vascular plant species were documented during the ELC and botanical surveys. One species of moss, and one species of lichen were also recorded.

Of the 138 vascular plant species observed, 133 species were identified to the species level, while 5 were identified to genus level. Co-efficient of Conservatism (CC) values are provided based on the Floristic Quality Assessment System for Southern Ontario (Oldham, 1995). Values higher than 7 are attributed to species that may be more susceptible to disturbance.

Of the 133 species identified:

- None are SAR
- None are provincially rare (i.e., SRank of S1 to S3)
- 20 have a Co-efficient of Conservatism (CC) value of 7 or higher:
  - Big Bluestem (*Andropogon gerardii*)
  - Water Sedge (*Carex aquatilis var. aquatilis*)
  - Leatherleaf (*Chamaedaphne calyculata*)
  - Blue Bead-lily (*Clintonia borealis*)
  - Marsh Cinquefoil (*Comarum palustre*)
  - Sweet Fern (*Comptonia peregrina*)
  - Bunchberry (*Cornus canadensis*)
  - Woodland Horsetail (*Equisetum slyvaticum*)
  - Sheep Laurel (*Kalmia angustifolia*)
  - American Larch (*Larix laricina*)
  - Whorled Loosestrife (*Lysimachia quadrifolia*)
  - Interrupted Fern (*Osmunda claytoniana*)
  - Jack Pine (*Pinus banksiana*)
  - Red Pine (*Pinus resinosa*)
  - Common Labrador Tea (*Rhododendron groenlandicum*)
  - Balsam Willow (*Salix pyrifolia*)
  - American Mountain-ash (*Sorbus americana*)
  - Fraser's St. John's-wort (*Triadenum fraseri*)
  - Alpine Clubrush (*Trichophorum alpinum*)
  - Velvetleaf Blueberry (*Vaccinium myrtilloides*).

Refer to **Appendix B – Table B-1** for a full list of the botanical species observed.

3.2.3.1 Invasive Species

The Invasive Priority for Control represents the threat level to Ontario botanical communities, which provides additional information on the nature of the botanical communities. The Invasive Priority Control values range between Category 1 (C1; Top priority) and Category 5 (C5; Potential Invasive Species) (Urban Forest Associates, 2014). The categories are as follows:

- Category 1 (C1) – widespread invasive species that are top priority for control.
- Category 2 (C2) – less widespread invasive species that are medium priority.
- Category 3 (C3) – local priority – spread locally or persist from initial introduction.
- Category 4 (C4) – species to watch that spread locally or regionally but have minimal effects on biodiversity.
- Category 5 (C5) – potentially invasive species.

Table 5 details the priority invasive species that were observed.

Table 5: Invasive Priority for Control Category for Invasive Species Observed

Scientific Name	Common Name
CATEGORY 1	
Lythrum salicaria	Purple Loosestrife
Melilotus albus	White Sweet-clover
CATEGORY 2	
Securigera varia	Common Crown-vetch
CATEGORY 3	
Bromus inermis	Awnless Brome
Cirsium arvense	Canada Thistle
Dactylis glomerata	Orchard Grass
Elymus repens	Creeping Wildrye
Hieracium aurantiacum	Orange Hawkweed
Hieracium caespitosum ssp. caespitosum	Yellow or Field Hawkweed
Pinus sylvestris	Scotch Pine
Robinia pseudoacacia	Black Locust
Typha angustifolia	Narrow-leaved Cattail

Scientific Name	Common Name
CATEGORY 4	
Daucus carota	Wild Carrot
Leucanthemum vulgare	Oxeye Daisy

Physical site disturbance may increase the likelihood of the introduction and spread of non-native and/or invasive flora species to the surrounding vegetation communities. Invasive flora can establish in disturbed sites more efficiently than native flora and can then encroach into adjacent undisturbed and/or more sensitive areas. Appropriate mitigation measures are recommended during construction to control the spread and introduction of invasive species as a mechanism to maintain ecological integrity within the area.

3.2.4 Breeding Bird Surveys

Thirty-nine (39) survey points were identified (BBS 01-38). Note that there were two different BBS #27 stations (one in 2022 and a different location in 2025). Of these stations, 19 are within the PSA of the Preferred Route. Survey locations are displayed on **Figure 3**. The results of the breeding bird surveys are provided in **Appendix C – Tables C-1 and C-2**.

Forty-four (44) bird species were recorded, not all of which had breeding evidence. The average number of species per station was eight. None of the species recorded were SAR or provincially rare. The highest level of breeding evidence recorded was 'possible'.

3.2.5 Eastern Whip-poor-will and Common Nighthawk Surveys

Eastern Whip-poor-will and Common Nighthawk surveys were completed at four survey points (CREP 1-4). All stations are outside of the PSA. One is only slightly outside of the PSA (CREP 4) and is discussed in this report.

Four male Eastern Whip-poor-will were recorded calling at survey station CREP 3 on June 14, 2022. One Common Nighthawk was recorded at CREP 3 on June 14, 2022.

3.2.6 Amphibian Call Count Surveys

Twenty-one (21) survey points were identified (AMPH 01-21), ten of which are located within the PSA of the Preferred Route. Survey locations are displayed on **Figure 3**. The results of the amphibian call count surveys are provided in **Appendix D – Table D-1**.

Five amphibian species were recorded. The average number of species per station was three. None of the species recorded were SAR or provincially rare. The highest call level recorded was Level 3 (full chorus).

3.2.7 Incidental Wildlife Observations

Thirty-four (34) wildlife species and/or their evidence were incidentally recorded during the field program.

Eastern Whip-poor-will was recorded. Eastern Whip-poor-will is listed as Threatened both federally under *SARA* and provincially under the *ESA*. Monarch was also observed. Monarch is listed as Endangered under *SARA* and is a provincial species of Special Concern. These species are discussed further in **Section 3.3.1**. **Table 6** summarizes the incidental wildlife observations.

Table 6: Incidental Wildlife Observed within the Project Study Area

Scientific Name	Common Name	*SARA*[1]	*ESA*[2]	SRank[3]
Mammals				
Alces americanus	Moose (hair)	---	---	S5
Canis latrans	Coyote	---	---	S5
Castor canadensis	Beaver	---	---	S5
Marmota monax	Woodchuck	---	---	S5
Odocoileus virginianus	White-tailed Deer	---	---	S5
Tamias striatus	Eastern Chipmunk	---	---	S5
Tamiasciurus hudsonicus	Red Squirrel	---	---	S5
Insects				
Danaus plexippus	Monarch	END	SC	S2N, S4B
Gryllus pennsylvanicus	Fall Field Cricket	---	---	S5
Birds				
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B
Branta canadensis	Canada Goose	---	---	S5
Caprimulgus vociferus	Eastern Whip-poor-will	THR	THR	S4B
Catharus fuscescens	Veery	---	---	S4B
Corvus brachyrhynchos	American Crow	---	---	S5B
Cyanocitta cristata	Blue Jay	---	---	S5

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]
Dryocopus pileatus	Pileated Woodpecker	---	---	S5
Empidonax minimus	Least Flycatcher	---	---	S4B
Empidonax wrightii	Gray Flycatcher	---	---	SNA
Geothlypis trichas	Common Yellowthroat	---	---	S5B
Perisoreus canadensis	Gray Jay	---	---	S5
Poecile atricapillus	Black-capped Chickadee	---	---	S5
Scolopax minor	American Woodcock	---	---	S4B
Seiurus aurocapilla	Ovenbird	---	---	S4B
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B
Turdus migratorius	American Robin	---	---	S5B
Vermivora cyanoptera	Blue-winged Warbler	---	---	S4B
Zenaida macroura	Mourning Dove	---	---	S5
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B
Amphibians				
Anaxyrus americanus	American Toad	---	---	S5
Hyla versicolor	Gray Treefrog	---	---	S5
Lithobates catesbeianus	American Bullfrog	---	---	S4
Lithobates clamitans	Green Frog	---	---	S5
Lithobates sylvaticus	Wood Frog	---	---	S5
Pseudacris crucifer	Spring Peeper	---	---	S5

Notes:

1. Federal *Species at Risk Act, 2002* where END = Endangered, THR = Threatened.
2. Provincial *Endangered Species Act, 2007* where THR = Threatened, SC = Special Concern.
3. Provincial Conservation Ranking (SRank) where S5 = secure, S4 = apparently secure, S2 = imperiled, B = breeding, and N = non-breeding.

3.3 Species at Risk

The SAR screening table that was prepared during the background review and updated based on the results of the field investigations is provided in **Appendix E – Table E-1**.

This table includes SAR that are federally listed under *SARA* as Extirpated, Endangered, Threatened, and Special Concern, as well as SAR that are provincially listed under the *ESA* as Extirpated, Endangered or Threatened. Species that are not federal SAR, but are listed under the *ESA* as Special Concern are discussed in **Section 3.4** (Significant Wildlife Habitat).

Based on the results of field investigations, three SAR are confirmed to be present in the PSA, as shown in **Table 7**.

Table 7: SAR Confirmed to be Present within the Project Study Area

Scientific Name	Common Name	*SARA*[1]	*ESA*[2]	SRank[3]
Birds				
Caprimulgus vociferus	Eastern Whip-poor-will	THR	THR	S4B
Chordeiles minor	Common Nighthawk	SC	SC	S4B
Insects				
Danaus plexippus	Monarch	END	SC	S2N,S4B

Breeding bird surveys, amphibian call counts, and the botanical assessment did not record any of the SAR birds, amphibians, or plants for which potential habitat was identified during the background review. Fish, mussel, turtle, snake, and insect surveys were not part of the scope of field investigations for this study, and none were recorded incidentally during field investigations.

Based on the results of the background review and field investigations, potential habitat is present for 20 SAR, as shown in **Table 8**.

Table 8: SAR with Potential to be Present in the Project Study Area

Scientific Name	Common Name	*SARA*[1]	*ESA*[2]	SRank[3]
Fish				
Acipenser fulvescens pop. 3	Lake Sturgeon (Great Lakes – Upper St. Lawrence River population)	---	END	S2
Moxostoma carinatum	River Redhorse	SC	SC	S2
Herpetofauna (Reptiles and Amphibians)				
Emydoidea blandingii	Blanding's Turtle	THR	THR	S3
Glyptemys insculpta	Wood Turtle	THR	END	S2
Sternotherus odoratus	Eastern Musk Turtle	SC	SC	S3
Thamnophis sauritus	Eastern Ribbonsnake (Great Lakes population)	SC	SC	S3
Chrysemys picta marginata	Midland Painted Turtle	SC	---	S4
Lampropeltis triangulum	Milksnake	SC	Not at Risk	S3
Graptemys geographica	Northern Map Turtle	SC	SC	S3
Chelydra serpentina	Snapping Turtle	SC	SC	S3
Insects				
Bombus terricola	Yellow-banded Bumble Bee	SC	SC	S5
Coccinella transversoguttata	Transverse Ladybird Beetle	---	END	S1
Mammals				
Myotis leibii	Eastern Small-footed Myotis	---	END	S2S3
Myotis lucifugus	Little Brown Myotis	END	END	S4
Myotis septentrionalis	Northern Myotis	END	END	S3
Pipistrellus subflavus	Tri-colored Bat	END	END	S3?
Lasinonycteris noctivagans	Silver-haired Bat	---	END	S3
Lasiurus borealis	Eastern Red Bat	---	END	S3

Scientific Name	Common Name	*SARA*[1]	*ESA*[2]	SRank[3]
Lasiurus cinereus	Hoary Bat	---	END	S3
Molluscs				
Obovaria olivaria	Hickorynut	---	END	S1?

3.3.1 Confirmed Species at Risk

This section discusses the SAR that were confirmed during field investigations: Eastern Whip-poor-will, Common Nighthawk, and Monarch.

3.3.1.1 Eastern Whip-poor-will

Eastern Whip-poor-will is listed federally and provincially as Threatened. This species receives protection under the *SARA* and the *ESA*.

Four male Eastern Whip-poor-will were recorded calling at survey station CREP 3 on June 14, 2022. An Eastern Whip-poor-will was recorded calling incidentally during amphibian calling surveys June 26, 2025 (AMPH #10). This station is located within the MTO right-of-way of Highway 17. The location where this species was recorded is shown on **Figure 5**.

3.3.1.2 Common Nighthawk

Common Nighthawk is listed federally and provincially as Special Concern. This species does not receive protection under the *SARA* and the *ESA*.

One Common Nighthawk was recorded at CREP 3 on June 14, 2022.

3.3.1.3 Monarch

Monarch is listed federally as Endangered and provincially as Special Concern. This species receives protection under *SARA*. Monarch was uplisted to Endangered under *SARA* in December 2023, from its previous listing as a species of Special Concern. A recovery strategy has not yet been prepared for this species, and therefore Critical Habitat has not been defined and cannot be mapped.

Monarch was recorded incidentally during ELC surveys completed September 27 and 28, 2021. No details on the location, life stage (adult, caterpillar), or abundance were recorded. Since ELC surveys were completed over a larger area than the PSA for the Preferred Route, it cannot be confirmed whether this observation is within the PSA. Based on the time of the year, it is likely that this record represents a migrating individual.

3.3.2 Potential Habitat for Species at Risk

Based on the results of field investigations, potential habitat is present for the following SAR species described below.

3.3.2.1 SAR Turtles

SAR turtles for which potential habitat is present include Wood Turtle, Eastern Musk Turtle, Midland Painted Turtle, Northern Map Turtle, and Snapping Turtle.

Targeted surveys for SAR turtles (e.g., visual encounter surveys) were not conducted. SAR turtles were not observed incidentally during the field surveys.

All five species have similar habitat requirements, with the exception of Wood Turtle which has a higher preference for terrestrial upland habitat. Suitable habitat includes wetlands, watercourses, ponds, and nearby terrestrial areas for nesting. Turtles will also cross terrestrial habitat, including roads and trails, while moving between aquatic and wetland features.

3.3.2.2 SAR Snakes

SAR snakes for which potential habitat is present include Eastern Ribbonsnake and Milksnake.

Targeted surveys for SAR snakes (e.g., visual encounter surveys, artificial cover boards) were not conducted. SAR snakes were not observed incidentally during the field surveys.

Eastern Ribbonsnake habitat includes sunny grassy areas with low dense vegetation near bodies of shallow permanent quiet water; wet meadows, grassy marshes or sphagnum bogs; borders of ponds, and lakes or streams. Milksnake habitat includes farmlands, meadows, hardwood or aspen stands; pine forest with brushy or woody cover; and river bottoms or bog woods. Based on the results of field investigations, these types of habitats are present in the PSA.

3.3.2.3 SAR Bats

SAR bats for which potential habitat is present include Eastern Red Bat, Eastern Small-footed Myotis, Hoary Bat, Little Brown Myotis, Northern Myotis, Silver-haired Bat, and Tri-coloured Bat.

Targeted surveys for SAR bats and bat habitat (e.g., SAR acoustic call surveys, exit surveys, cavity tree assessments) were not conducted. SAR bats were not observed incidentally during the field surveys. However, indicators of bat habitat were observed, including potential maternity and day roost trees, as well as foraging habitat. No overwintering habitat was observed or is believed to be present within the PSA.

All seven species have similar habitat requirements, typically roosting in/within tree foliage, and foraging for insects over terrestrial, wetland, and aquatic habitat. Some species also roost in buildings and rock outcrops. Given the abundant woodland cover, and presence of wetlands, watercourses and waterbodies, there is a high likelihood that SAR bats are present in the PSA.

3.3.2.4 Lake Sturgeon

Targeted surveys for Lake Sturgeon were not completed. Lake Sturgeon was not observed incidentally during the field surveys.

There are occurrence records for Lake Sturgeon for the Petawawa River (NHIC, 2025). While the exact locations are not known, it is possible that Lake Sturgeon occasionally use the portion of the Petawawa River that overlaps with the PSA.

Lake Sturgeon habitat includes large rivers and lakes. They prefer relatively shallow areas (2–3 m) in lakes with moderate water flow. They spawn in fast-flowing sections of large rivers with a substrate of coarse gravel, cobble, or rubble. Spawning typically occurs downstream of natural or man-made barriers (e.g., dams).

3.3.2.5 River Redhorse

Targeted surveys for River Redhorse, a species of fish, were not completed. River Redhorse was not observed incidentally during the field surveys.

There are occurrence records of River Redhorse in the Ottawa River, which is outside of the PSA (COSSARO, 2016). Due to the proximity of the records, and the presence of potential suitable habitat, there is potential for this species to be present.

River Redhorse habitat includes medium to large rivers with substantial flows and clear water. Adults typically occupy deeper, slower-moving pools, and runs outside of spawning season.

3.3.2.6 Yellow-banded Bumblebee

Targeted surveys for Yellow-banded Bumblebee were not completed (e.g., catch and release netting). Yellow-banded Bumblebee was not observed incidentally during the field surveys.

Yellow-banded Bumblebee is a habitat generalist. It forages on flowers in open habitats including meadows, riparian areas, open farmland, open parkland, and along roadways. They are ground-nesting bees that typically use pre-existing underground cavities such as in abandoned animal burrows. They will also nest in decomposing logs, and under clumps of grass and dense vegetation. Based on the results of field investigations, potential habitat is present in the PSA.

3.3.2.7 Transverse Ladybird Beetle

Targeted surveys for Transverse Ladybird Beetle were not completed (e.g., catch and release netting). Transverse Ladybird Beetle was not observed incidentally during the field surveys.

Transverse Ladybird Beetle is a habitat generalist, preferring open, vegetated areas, similar to Yellow-banded Bumblebee. The critical factor determining its habitat use is the availability of its primary food source – aphids and other small soft-bodied insects. The beetle exhibits low site fidelity and is highly mobile, moving across different habitats seasonally to follow the fluctuating availability of aphids.

This species had not been observed in Ontario for approximately 30 years, until an observation was made in 2021 near Sault Ste. Marie (NHIC, 2025; iNaturalist, 2025).

3.3.2.8 Hickorynut

Targeted surveys for Hickorynut, a mollusc, were not completed (e.g., visual-tactile search and excavation). Hickorynut was not observed incidentally during the field surveys.

Lake Sturgeon are considered hosts for hickorynut mollusc larvae. Occurrence records for Lake Sturgeon exist for the Petawawa River (NHIC, 2025) with potential within the PSA, which may provide habitat for this species as well.

Hickorynut live on the sandy beds in large, wide, deep rivers – usually more than 2-3 m deep – with a moderate to strong current.

3.3.3 Mapped Critical Habitat for Species at Risk

As noted in **Section 3.1.3**, mapped Critical Habitat grid squares (coarse grids of 1, 10, 50 or 100 km^2) overlap with the PSA for the following species listed on Schedule 1 of *SARA*: Kirkland's Warbler (*Setophaga kirtlandii*), American Ginseng (*Panax quinquefolius*), Wood Turtle (*Glyptemys insculpta*), Blanding's Turtle (*Emydoidea blandingii*), and Eastern Whip-poor-will (*Antrostomus vociferus*) (Canadian Geospatial Data Infrastructure, 2025).

Of these species, only Eastern Whip-poor-will was recorded within the PSA.

Kirkland's Warbler is known to nest in only two locations in Ontario, one if which is based on a 2007 breeding record from CFB Petawawa (MNR, 2025). This species was not recorded during breeding bird surveys or incidentally.

Habitat is absent for American Ginseng. This species was not recorded during field investigations.

Potentially suitable habitat is present for Wood Turtle and Blanding's Turtle. No targeted surveys were completed. These species were not observed incidentally during field investigations.

3.4 Significant Wildlife Habitat

The Ontario Significant Wildlife Habitat Criteria Schedules for Ecoregion 5E (MNR, 2015) and the Significant Wildlife Habitat Technical Guide (MNR, 2000) were reviewed to assess candidate SWH within the PSA.

The following types of confirmed SWH occur within the PSA:

- Amphibian Breeding Habitat (woodland).
- Deer Yarding Areas.

The following candidate SWH have the potential to occur within the PSA:

- Raptor Wintering Areas.

- Bat Maternity Colonies.
- Turtle Wintering Areas.
- Reptile Hibernaculum.
- Turtle and Lizard Nesting Areas.
- Special Concern and Rare Wildlife Species:
  - Uhler's Sundragon (*Helocordulia uhleri*).
  - Broad-tailed Shadowdragon (*Neurocordulia michaeli*).
  - Extra-striped Snaketail (*Ophiogomphus anomalus*).

Areas of confirmed SWH are illustrated on **Figure 6**.

The different types of confirmed and candidate SWH are further discussed in the following subsections.

3.4.1 Seasonal Concentration Areas of Animals

Seasonal concentration areas are areas where wildlife species occur annually in aggregations at certain times of the year. Such areas are sometimes highly concentrated with members of a given species, or several species, within relatively small areas. In spring and autumn, migratory wildlife species will concentrate where they can rest and feed. Other wildlife species require habitats where they can survive winter. Examples of seasonal concentration areas include deer wintering areas, breeding bird colonies and hibernation sites for reptiles, amphibians and some mammals.

3.4.1.1 Raptor Wintering Areas

Candidate SWH for raptor wintering areas is present in association with forest, meadow, and agricultural communities within the PSA (ELC communities: G033cT, G033sT, G042T, G042cT, G043cT, G043sT, G043T, G109N, G110N). Raptor wintering areas need to be at least 20 hectares in size and include a combination of forest and upland. They need to have at least 15 hectares of idle/fallow or lightly grazed field/meadow, with adjacent woodlands. This size requirement is met when considering land within the PSA and contiguous habitat outside of the PSA.

To demonstrate confirmed SWH, a site must be used regularly (3 in 5 years) for a minimum of 20 days by one or more Short-eared Owls (*Asio flammeus*), or at least 10 individuals and two of the listed species (Rough-legged Hawk [*Buteo lagopus*], Long-eared Owl [*Asio otus*], Boreal Owl [*Aegolius funereus*], Northern Saw-whet Owl [*Aegolius acadicus*]). None of the aforementioned species were recorded during breeding bird surveys or observed incidentally.

3.4.1.2 Bat Maternity Colonies

Candidate SWH for bat maternity colonies is present in association with the deciduous and mixed forest communities within the PSA (ELC communities: G042T, G042cT, G043cT, G043sT, G043T).

Candidate SWH requires snag density calculations must demonstrate at least 10 large diameter (> 25 cm DBH) wildlife trees per hectare, and forests must be mature (dominant trees >80 years old). Snag density calculations have not been conducted. Forest age was not recorded during field surveys which is

also a component of assessing candidate SWH. The assessment of candidate SWH is based solely on the ELC community type.

To demonstrate confirmed SWH, a site must have confirmed use by 10 or more Big Brown Bats / 5 or more adult female Silver-haired Bats. The SWH Guide does not clarify if both species must be present in the stated abundance for confirmed SWH to be present. Acoustic calling surveys and/or exit surveys have not been completed.

3.4.1.3 Turtle Wintering Areas

Candidate SWH for turtle wintering areas is present in association with permanent water bodies, deeper watercourses with current, and large wetlands (ELC communities: G128TI, G131TI, G133T, G134S, G148N, OA).

Candidate SWH requires water to be deep enough not to freeze to the bottom and have soft mud substrates. These characteristics were not recorded during field surveys. The assessment of candidate SWH is based solely on the ELC community type.

To demonstrate confirmed SWH, a site must be used by five or more overwintering Midland Painted Turtles, or at least one Snapping Turtle or Northern Map Turtle. Visual encounter surveys have not been completed.

3.4.1.4 Reptile Hibernaculum

Candidate SWH for reptile hibernaculum is present in association with most of the PSA given that reptile hibernacula may be found in any ecosite other than very wet ones. For the purposes of this report, candidate SWH is present throughout the PSA, with the exception of Open aquatic (OA) and Transportation (CVI) communities.

To demonstrate confirmed SWH, a known hibernaculum must be used by a minimum of five individuals of a single snake species, or must be used by at least two snake species. SWH can also be confirmed by identifying the same congregations in the vicinity of a potential hibernaculum on sunny warm days in spring and fall. Listed snake species in the SWH criteria schedules are Eastern Gartersnake, Northern Watersnake, Northern Red-bellied Snake, Northern Brownsnake, Smooth Green Snake, and Nothern Ring-necked Snake. For Milksnake, Eastern Ribbonsnake, and Five-lined Skink, if one individual is identified, the site is confirmed SWH. Snake visual encounter surveys have not been completed.

3.4.1.5 Deer Yarding Areas

Confirmed SWH for deer yarding areas/deer wintering areas is present in the PSA. Deer yard/wintering areas were identified for the PSA in NHIC interactive mapping and in data sets provided by LIO.

3.4.2 Specialized Habitat for Wildlife

Some wildlife species require large areas of suitable habitat for their long-term survival. Many wildlife species require substantial areas of suitable habitat for successful breeding. Their populations decline when habitat becomes fragmented and reduced in size.

3.4.2.1 Turtle and Lizard Nesting Areas

Candidate SWH for turtle and lizard nesting areas is present adjacent to open water (OA) and marsh communities (G148N).

Candidate SWH requires exposed sand or gravel that turtles are able to dig in, and must be located in open, sunny areas. These characteristics were not observed or recorded during field surveys. The assessment of candidate SWH is based solely on the ELC community type.

To confirm SWH, studies must confirm the presence of five or more nesting Midland Painted Turtles, or one or more Northern Map Turtle or Snapping Turtle nesting. Nesting areas on the sides of municipal or provincial road embankments and shoulders are not SWH. Turtle nesting surveys were not completed.

Turtle eggshells were recorded incidentally at Aquatic Station RB-WC-09 (Jorgens Creek, east side of Highway 17), and at two locations on the south side of Paquette Road, just west of Highway 17, adjacent to a shallow marsh (ELC: G148N). The species of turtle(s) that laid the eggs is unknown.

The PSA does not provide habitat for lizards (i.e., Five-lined Skink).

3.4.2.2 Amphibian Breeding Habitat (Woodland)

Confirmed SWH for amphibian breeding habitat (woodland) is present at AMPH #9.

Confirmed SWH requires the presence of a wetland or pond > 500 m^2 within or adjacent (within 120 m) to a woodland (no minimum size). Studies must demonstrate the presence of one or more of the listed newt/salamander species, or two or more of the listed frog species with at least 20 individuals or two or more of the listed frog species with Call Level codes of 3. The listed species in the SWH criteria schedules are Eastern Newt, Blue-spotted Salamander, Spotted Salamander, Four-toed Salamander, Northern Two-lined Salamander, Spring Peeper, Wood Frog, and American Toad. The area of confirmed SWH is the wetland plus a 230 m radius of woodland area.

Station AMPH #9 is a marsh (G148N) adjacent to woodland. In 2022, amphibian surveys recorded Spring Peeper and Wood Frog both calling at Call Level 3.

3.4.3 Habitat for Species of Conservation Concern

Habitats of Species of Conservation Concern include wildlife species that are listed as Special Concern or rare, that are declining or are featured species in the SWH Ecoregion Criteria Schedule 5E. Habitats of Species of Conservation Concern do not include habitats of Endangered or Threatened Species as identified by the *ESA*.

3.4.3.1 Special Concern and Rare Wildlife Species

Species of Conservation Concern (SCC) include species that are designated as Special Concern under the *ESA* and species that are provincially rare in Ontario (S-rank of S1, S2, or S3). The habitats of SCC may be considered SWH when the habitat can be easily mapped, and where it covers an important life stage component for a species, such as specific nesting habitat or foraging habitat.

Eleven species of SCC were identified during background review, including three bird species, four plant species, and four insect species (all dragonflies). Breeding bird surveys were completed, during which none of the SCC bird species were recorded. Botanical surveys were completed, during which none of the SCC plant species were recorded. ELC mapping was completed, and suitable habitat was absent for one of the insect species (i.e., Harlequin Darner requires conifer swamps, fens or bogs, none of which were mapped in the PSA).

Candidate SWH was identified for three of the insect (dragonfly) species based solely on the presence of watercourses of an appropriate size. Candidate SWH requires suitable substrate, current, and water quality. The assessment of candidate SWH is based solely on watercourse size (small, medium, large). To confirm SWH for any of these species, they would need to be recorded in suitable habitat. Targeted dragonfly surveys were not completed.

Refer to the SCC table in **Appendix F – Table F-1.**

4.0 Summary

This Natural Environment Existing Conditions Report has been prepared in support of the Class EA for TF for the D6 Transmission Line Relocation Project.

The existing conditions in the PSA of the Preferred Route are summarized as follows:

- The majority of the PSA consists of woodland and wetland habitat.
- Major watercourses that are present include Chalk River, Petawawa River, Young Creek, Tucker Creek, Jorgens Creek, and Black Bay Creek.
- Fish and fish habitat is present within the PSA.
- No PSWs are present. However, unevaluated wetlands are present (i.e., have not been evaluated to determine if they are provincially significant). Wetlands were confirmed as part of field investigations. These wetlands were not evaluated for provincial significance.
- No ANSIs are present.
- Two SAR were incidentally recorded during field investigations:
  - Eastern Whip-poor-will (federally and provincially Threatened).
  - Monarch (federally Endangered and provincially Special Concern).
- Potential habitat for SAR (as defined in **Section 3.3**) is present for an additional 20 species.
- Two types of confirmed SWH are present: amphibian breeding habitat (woodland) and deer yarding areas. Six types of candidate SWH were also identified.

This report provides a summary of the natural environment existing conditions associated with the Project based on a review of existing literature and datasets, as well as the results from the natural environment field program. The assessments conducted as part of this report will be used to help identify potential Project impacts on the natural environment.

5.0 References

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Figures

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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

PROJECT OVERVIEW

FIGURE 1

- Preferred Route
- Local Study Area (500 m)

Route Alternatives

- Route A
- Route A Alternate Start
- Route B East of Highway
- Variation B Highway Crossing Deviation

Base Data

- Transmission Line Junction
- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Highway
- Road
- Abandoned Railway Track
- Watercourse
- Waterbody
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Chalk River Atomic Energy of Canada Property
- Municipal Boundary

SCALE 1:90,000

0 1 2 4 Kilometers

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

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PROJECT: 21-2314
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DATE: 2025-12-18

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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

NATURAL HERITAGE FEATURES

FIGURE 2

- Preferred Route
- Project Study Area (120 m)

Base Data

- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Abandoned Railway Track
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Chalk River Atomic Energy of Canada Property
- Highway
- Road
- Watercourse
- Waterbody
- Unevaluated Wetlands (MNRF)
- Provincially Significant Wetlands (MNRF)
- Woodlands (MNRF)
- ANSI, Life Science
- Municipal Boundary

SCALE 1:75,000

0 0.5 1 2 Kilometers

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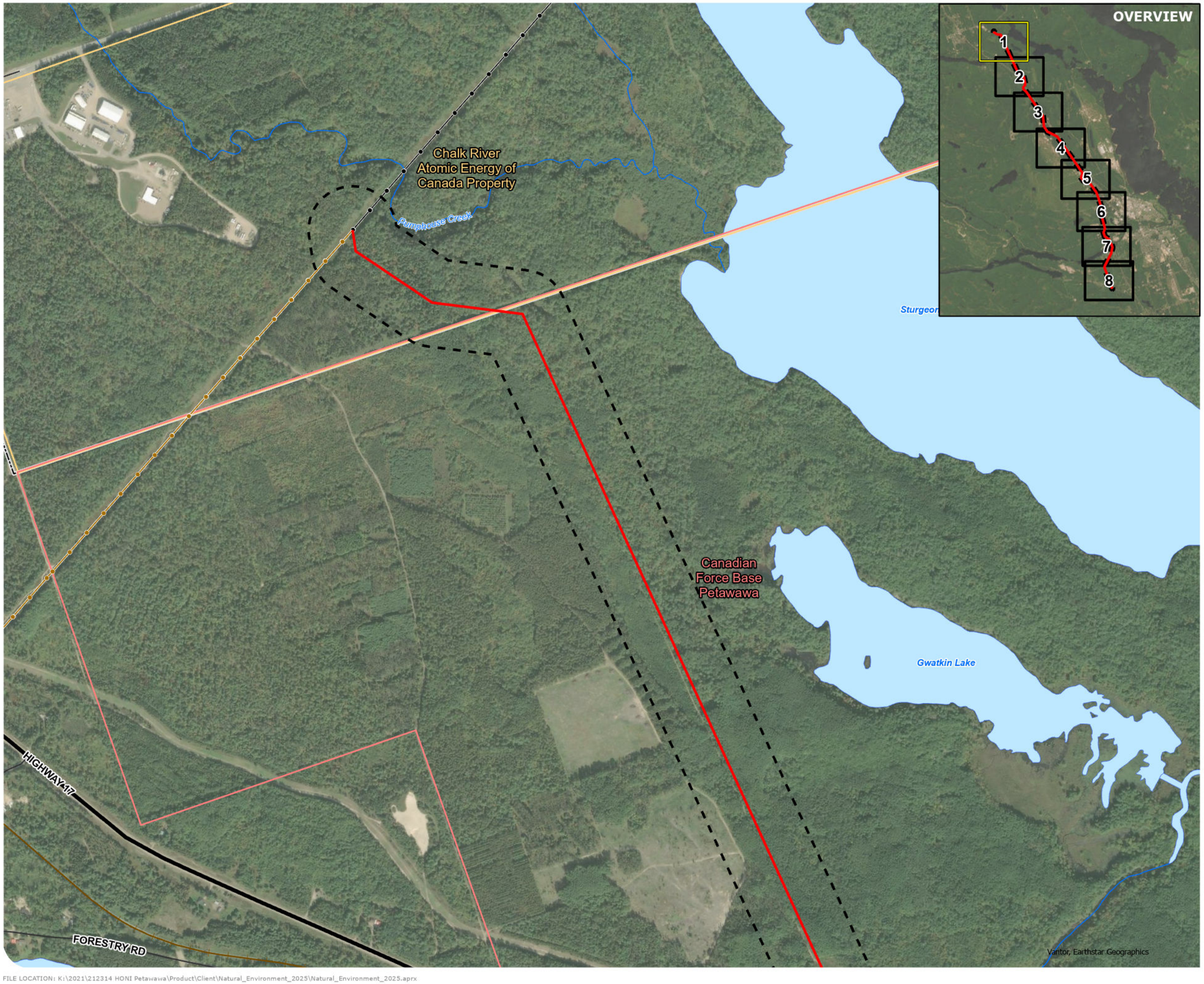
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Earthstar Geographics, County of Renfrew

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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 1 OF 8

- Preferred Route
- Project Study Area (120 m)

Base Data

- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Abandoned Railway Track
- Canadian Force Base Petawawa
- Chalk River Atomic Energy of Canada Property
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

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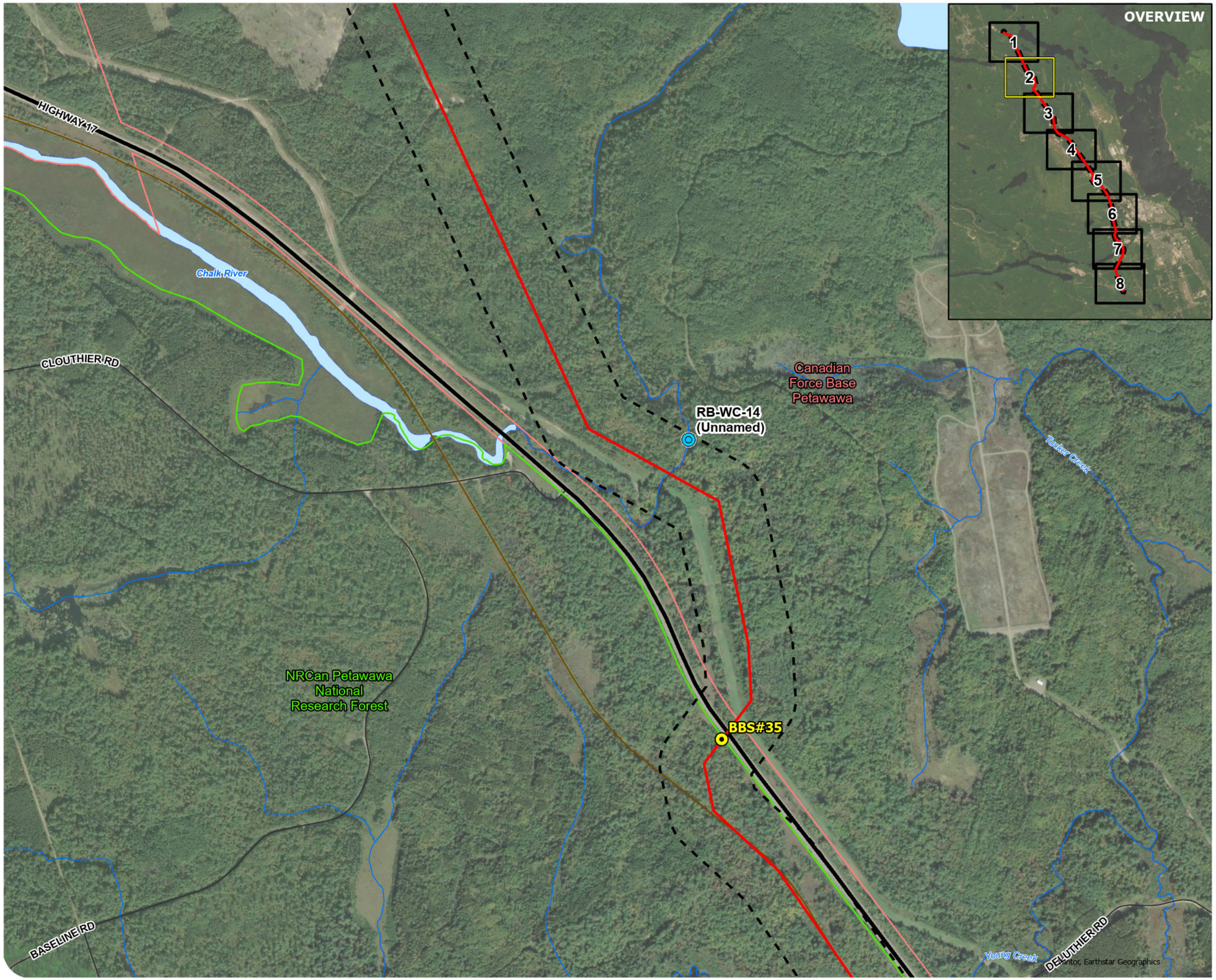
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 2 OF 8

- Preferred Route
- Project Study Area (120 m)
- Breeding Bird Survey Station (BBS)

Base Data

- Abandoned Railway Track
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

0 100 200 400 Meters

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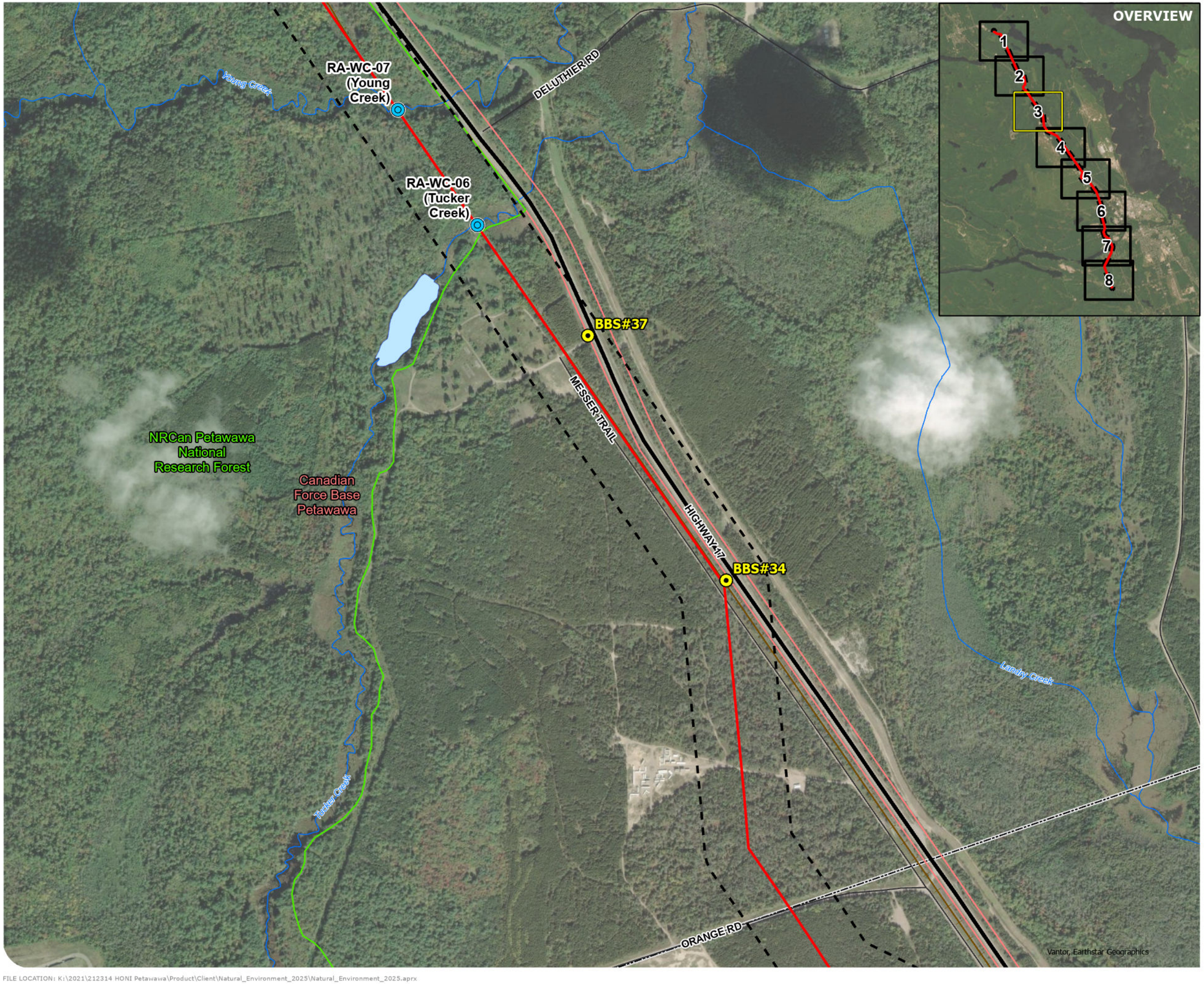
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 3 OF 8

- Preferred Route
- Project Study Area (120 m)
- Fish and Fish Habitat Assessment Survey Station
- Breeding Bird Survey Station (BBS)

Base Data

- Abandoned Railway Track
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

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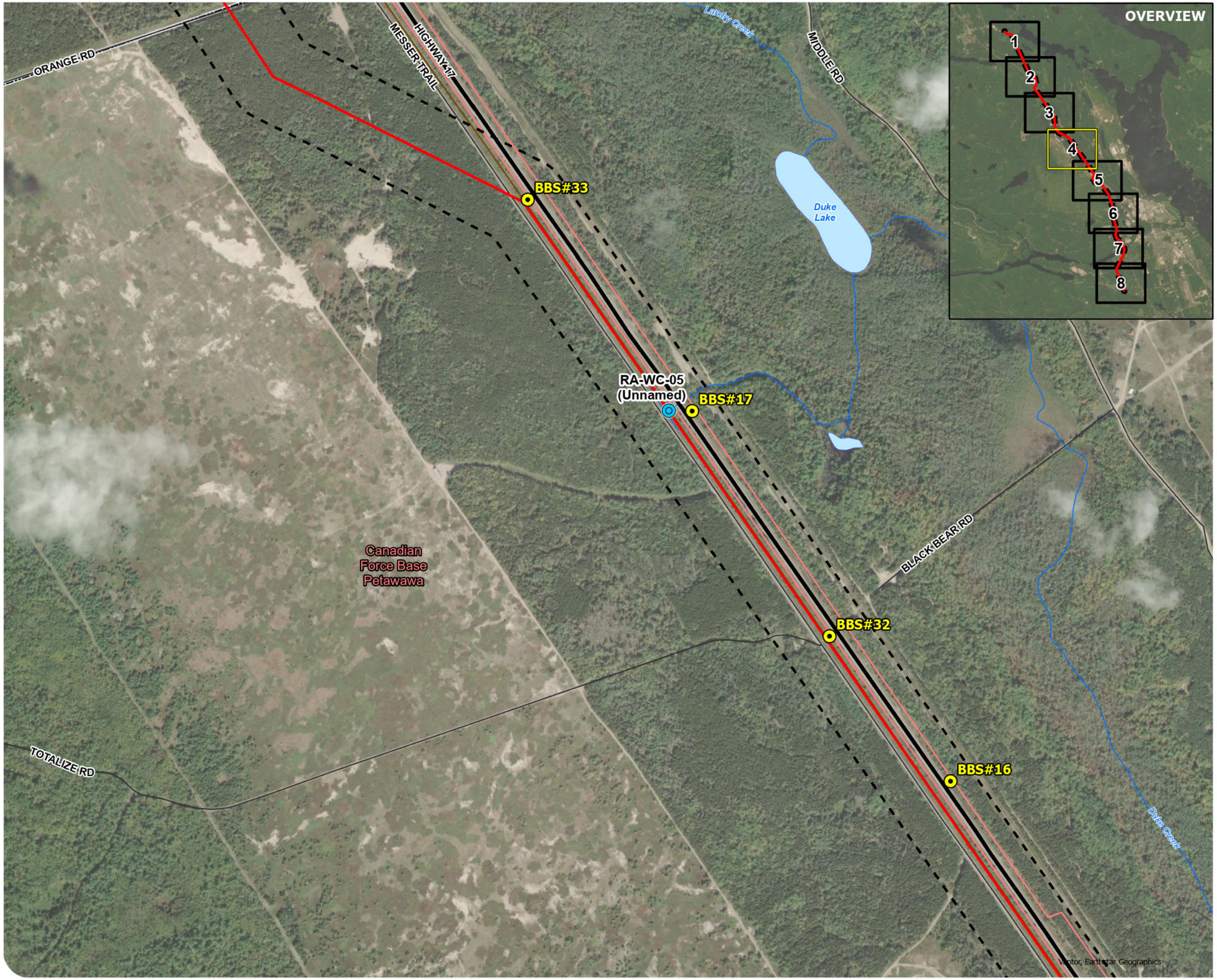
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 4 OF 8

- Preferred Route
- Project Study Area (120 m)
- Fish and Fish Habitat Assessment Survey Station
- Breeding Bird Survey Station (BBS)

Base Data

- Abandoned Railway Track
- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

0 100 200 400 Meters

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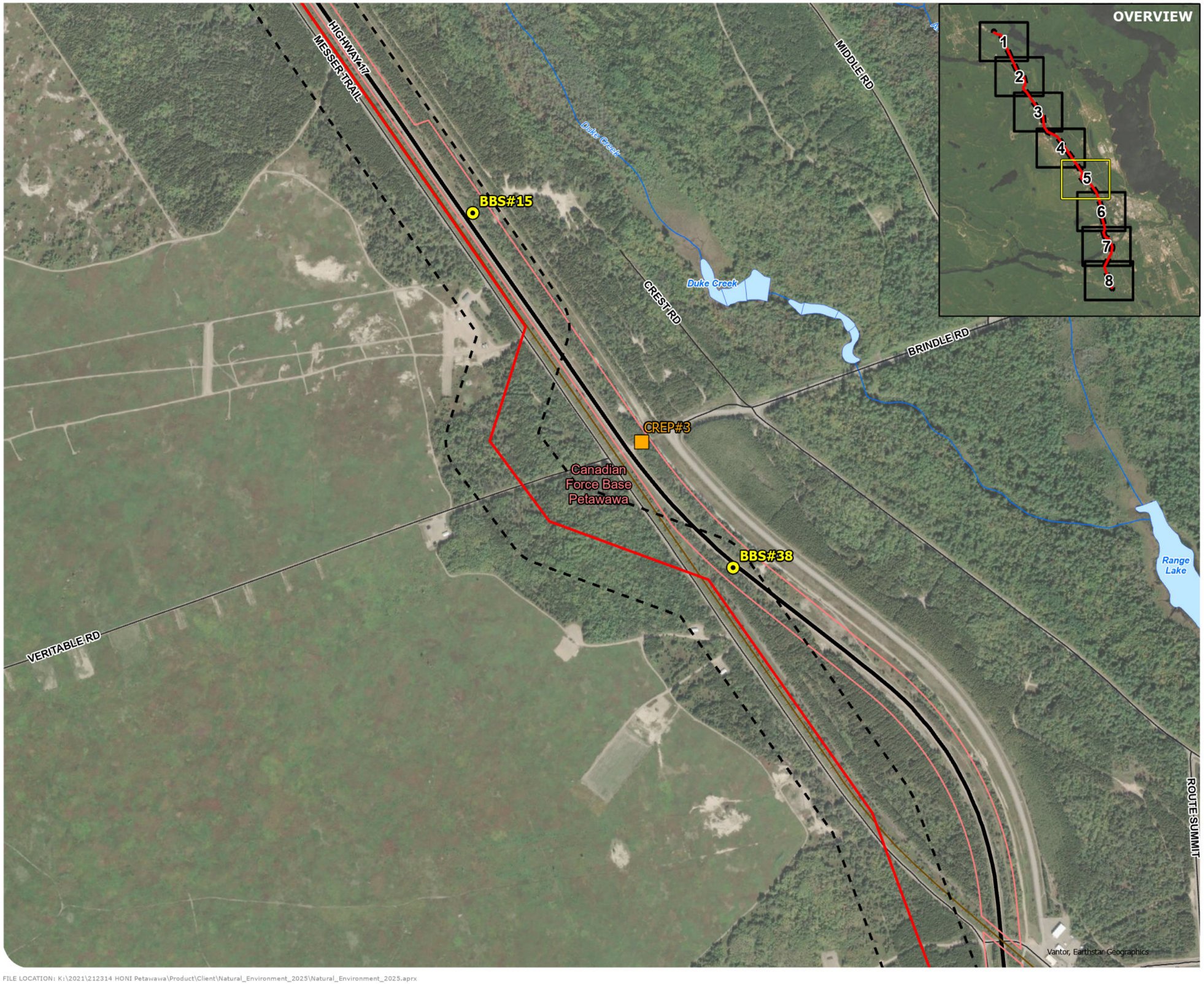
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 5 OF 8

- Preferred Route
- Project Study Area (120 m)
- Breeding Bird Survey Station (BBS)
- Eastern Whip-poor-will and Common Nighthawk Survey Station (CREP)

Base Data

- Abandoned Railway Track
- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

0 100 200 400 Meters

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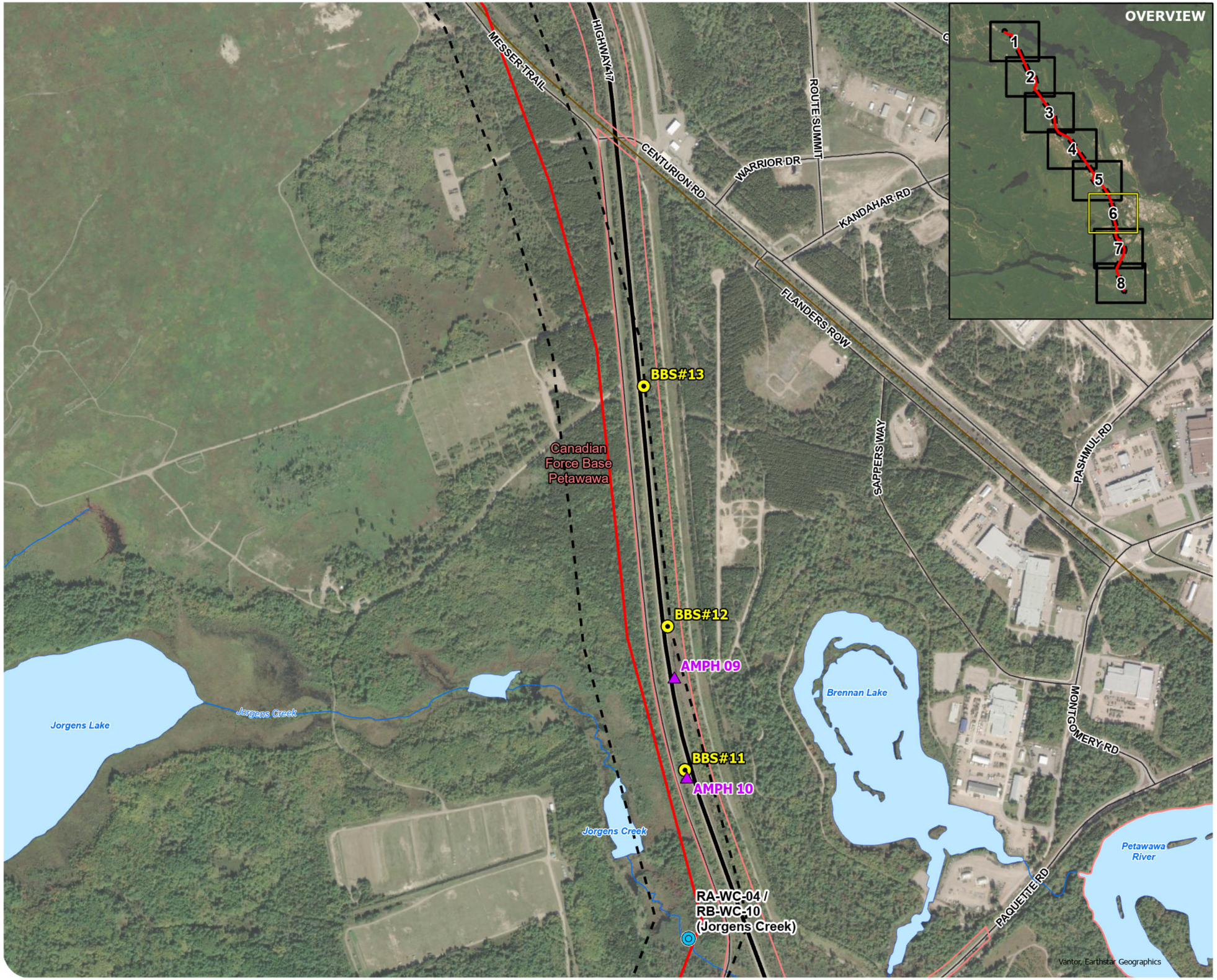
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 6 OF 8

- Preferred Route
- Project Study Area (120 m)
- Fish and Fish Habitat Assessment Survey Station
- Amphibian Call Count Station (AMPH)
- Breeding Bird Survey Station (BBS)

Base Data

- Abandoned Railway Track
- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

0 100 200 400 Meters

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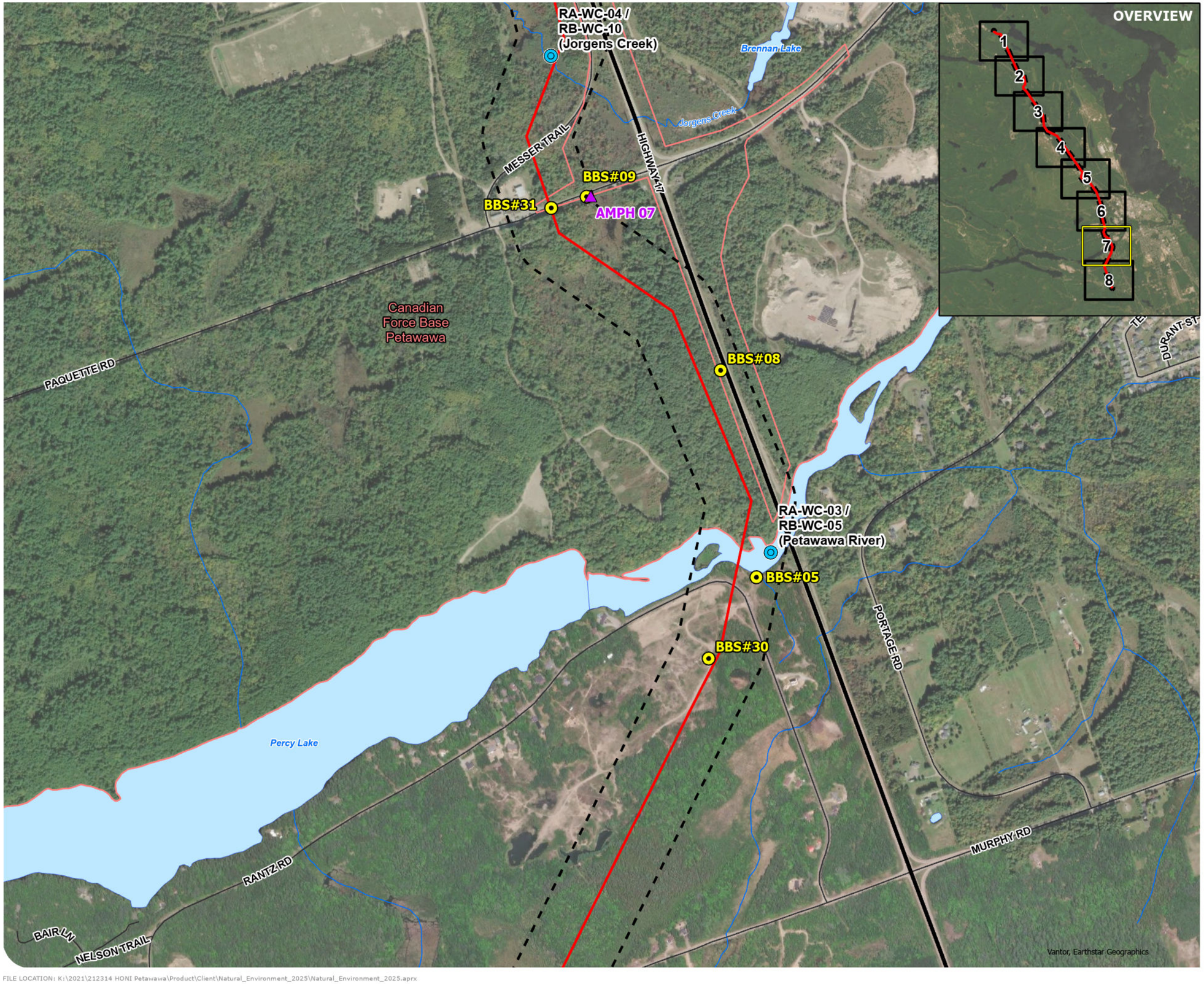
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 7 OF 8

- Preferred Route
- Project Study Area (120 m)
- Fish and Fish Habitat Assessment Survey Station
- Amphibian Call Count Station (AMPH)
- Breeding Bird Survey Station (BBS)

Base Data

- Canadian Force Base Petawawa
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

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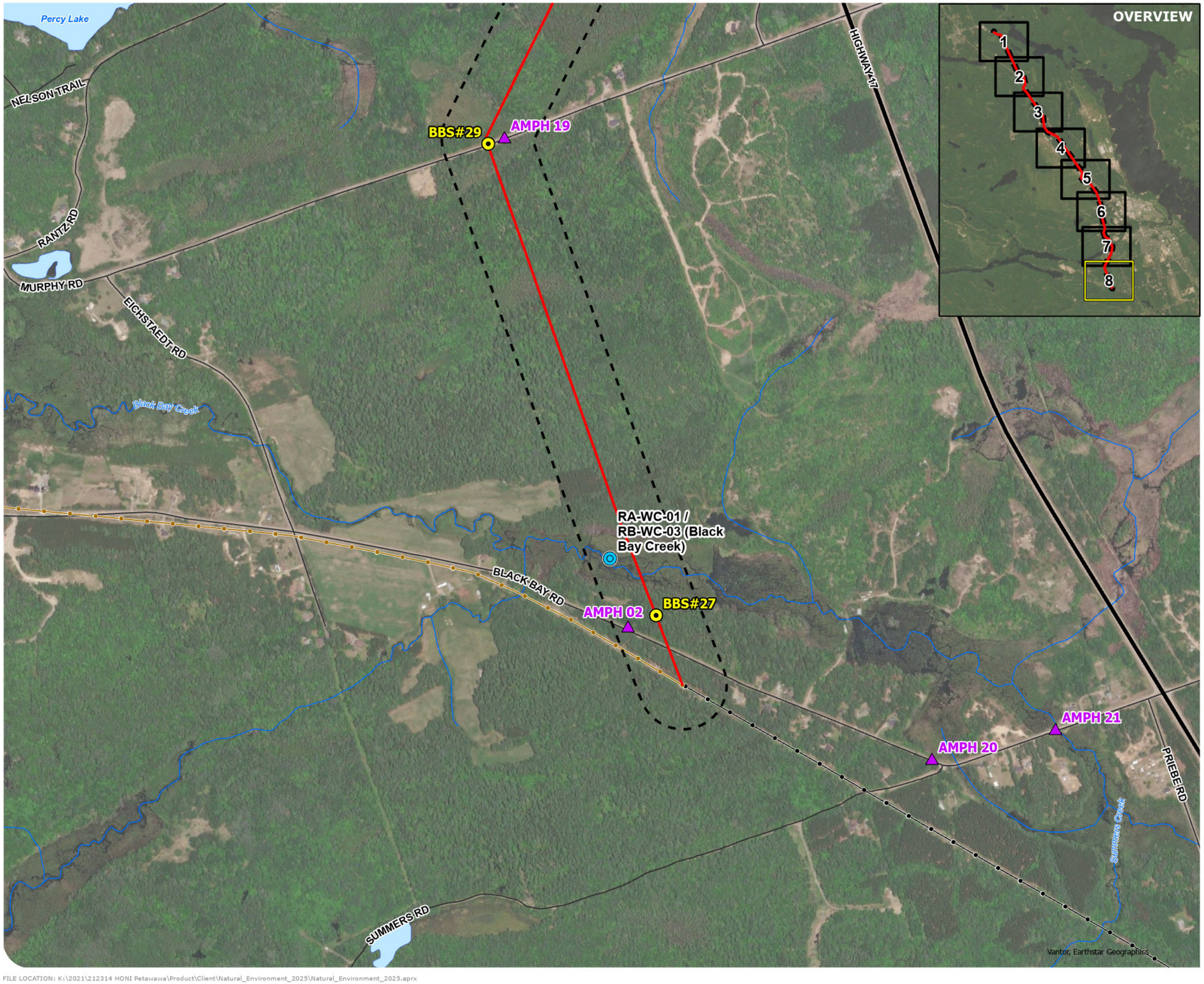
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SURVEY STATION LOCATIONS

FIGURE 3
MAP SHEET 8 OF 8

- Preferred Route
- Project Study Area (120 m)
- Fish and Fish Habitat Assessment Survey Station
- Amphibian Call Count Station (AMPH)
- Breeding Bird Survey Station (BBS)

Base Data

- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:10,000

0 100 200 400 Meters

N W E S

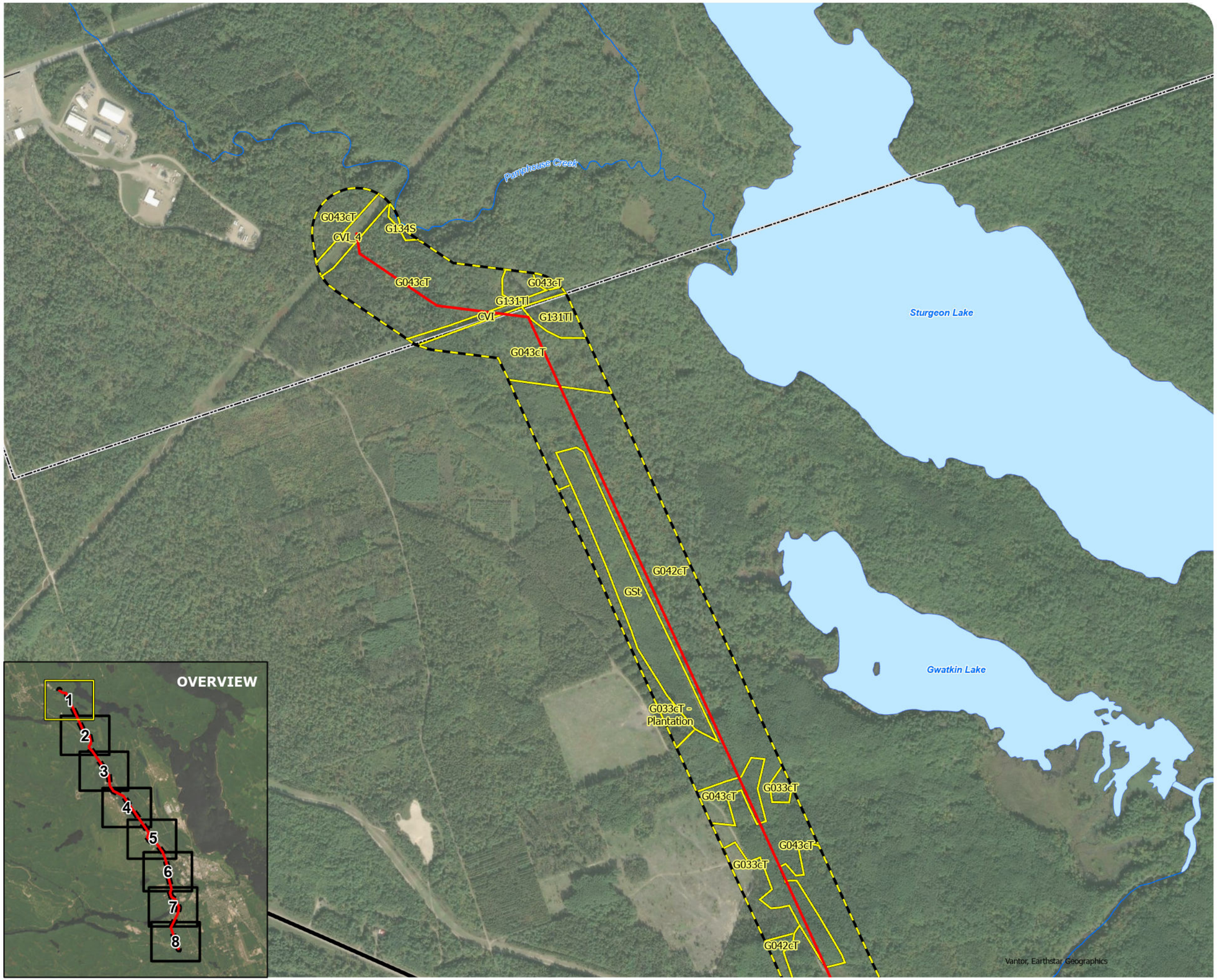
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 1 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CVI: Transportation and Utilities

CVI_4: Transportation and Utilities - Power Generation

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G042cT: Maple Hardwood (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

G131Tl: Maple Hardwood Swamp

G134S: Mineral Thicket Swamp

GSt: Shrub

SCALE 1:10,000

0 100 200 400 Meters

N W E S

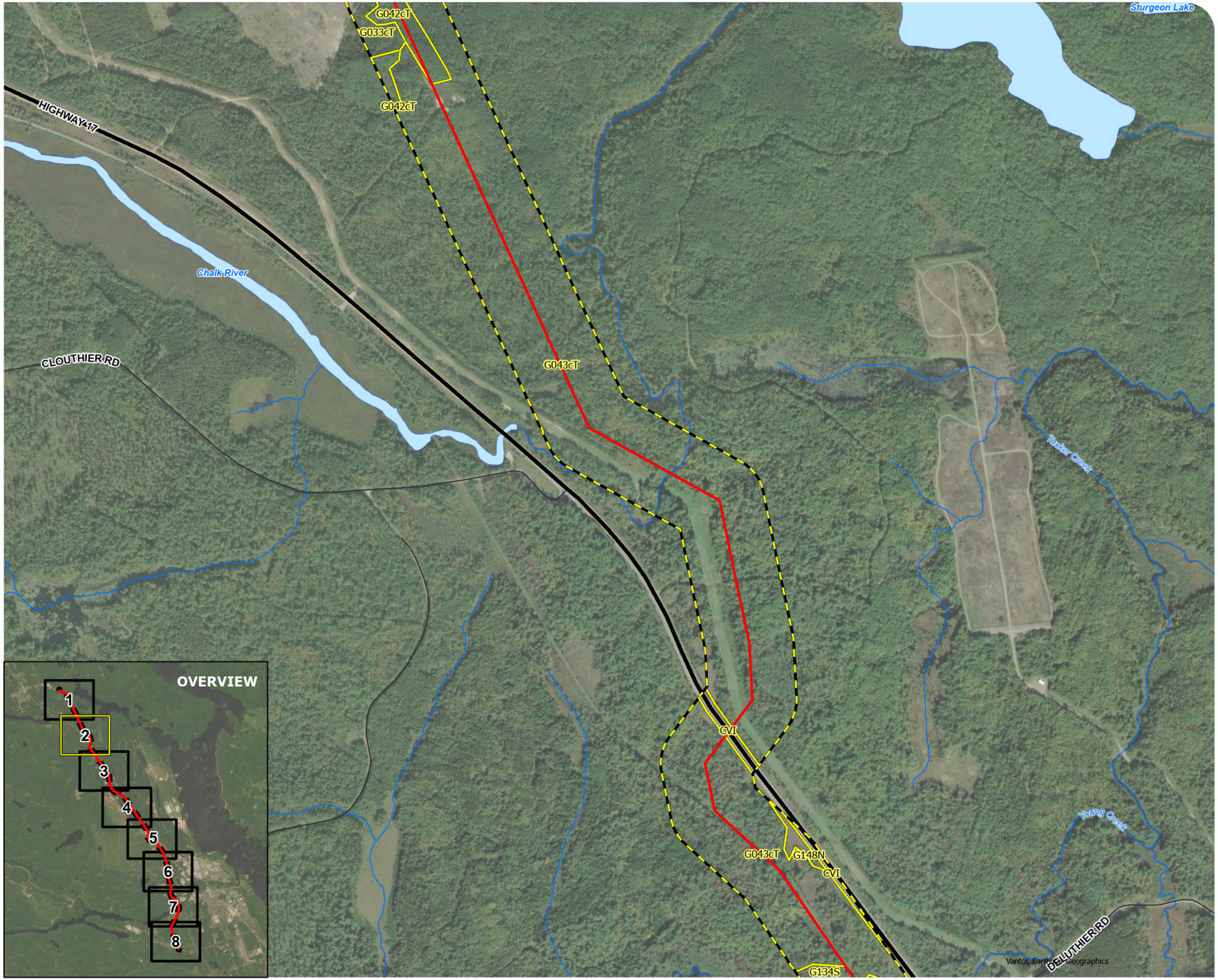
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HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 2 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G042cT: Maple Hardwood (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

G134S: Mineral Thicket Swamp

G148N: Mineral Shallow Marsh

SCALE 1:10,000

0 100 200 400 Meters

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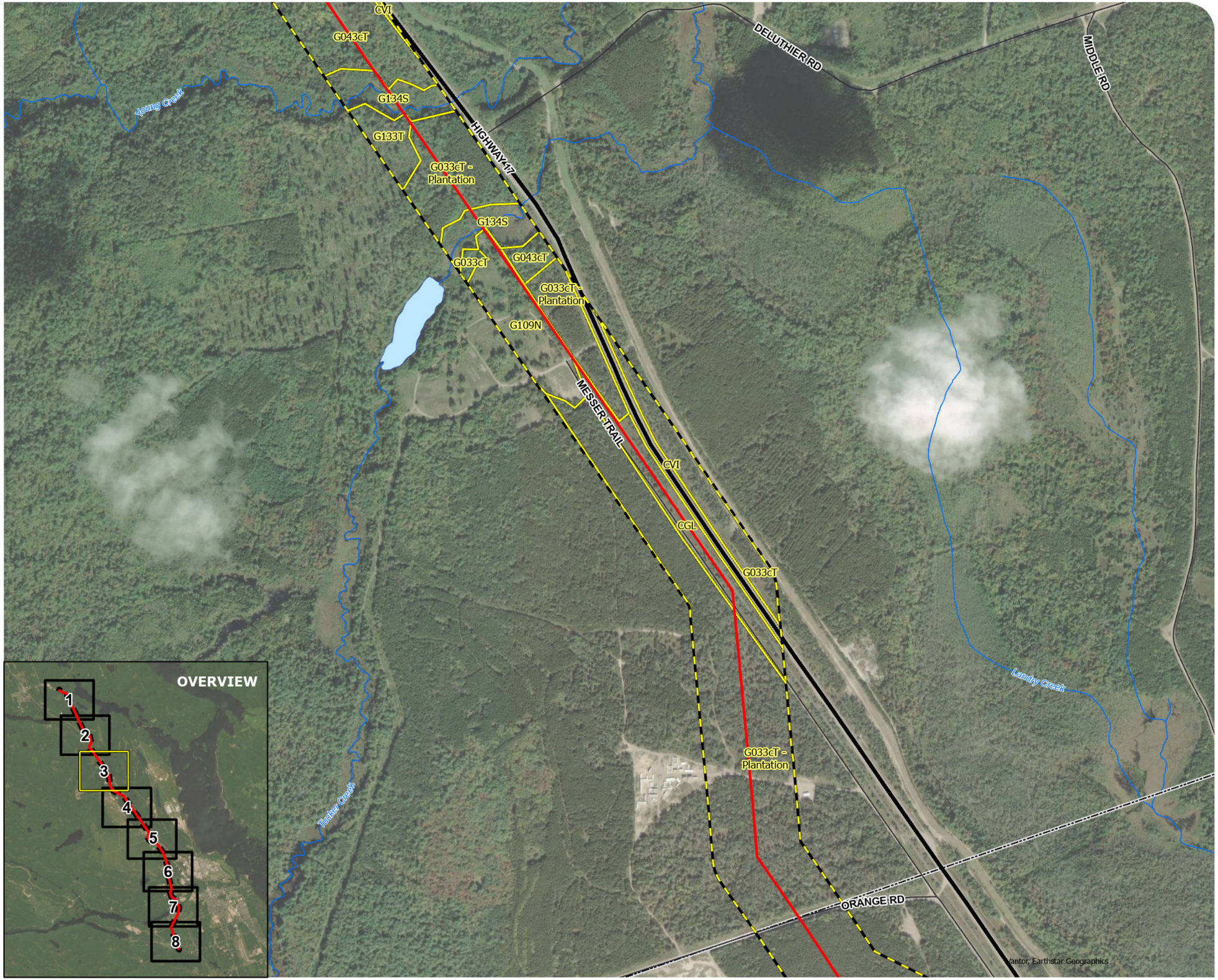
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HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 3 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CGL: Greenlands

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

G109N: Field

G133T: Hardwood Swamp

G134S: Mineral Thicket Swamp

SCALE 1:10,000

0 100 200 400 Meters

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MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
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MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

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ORANGE RD
HIGHWAY 17
MESSER TRAIL
MIDDLE RD
BLACK BEAR RD
Landry Creek
Duke Lake
Duke Creek
G033cT - Plantation
G033cT
CVI
CGL
G043cT
OVERVIEW
1
2
3
4
5
6
7
8
Vantor, Earthstar Geographics

HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 4 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CGL: Greenlands

CVI: Transportation and Utilities (TC Energy pipeline row)

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

SCALE 1:10,000

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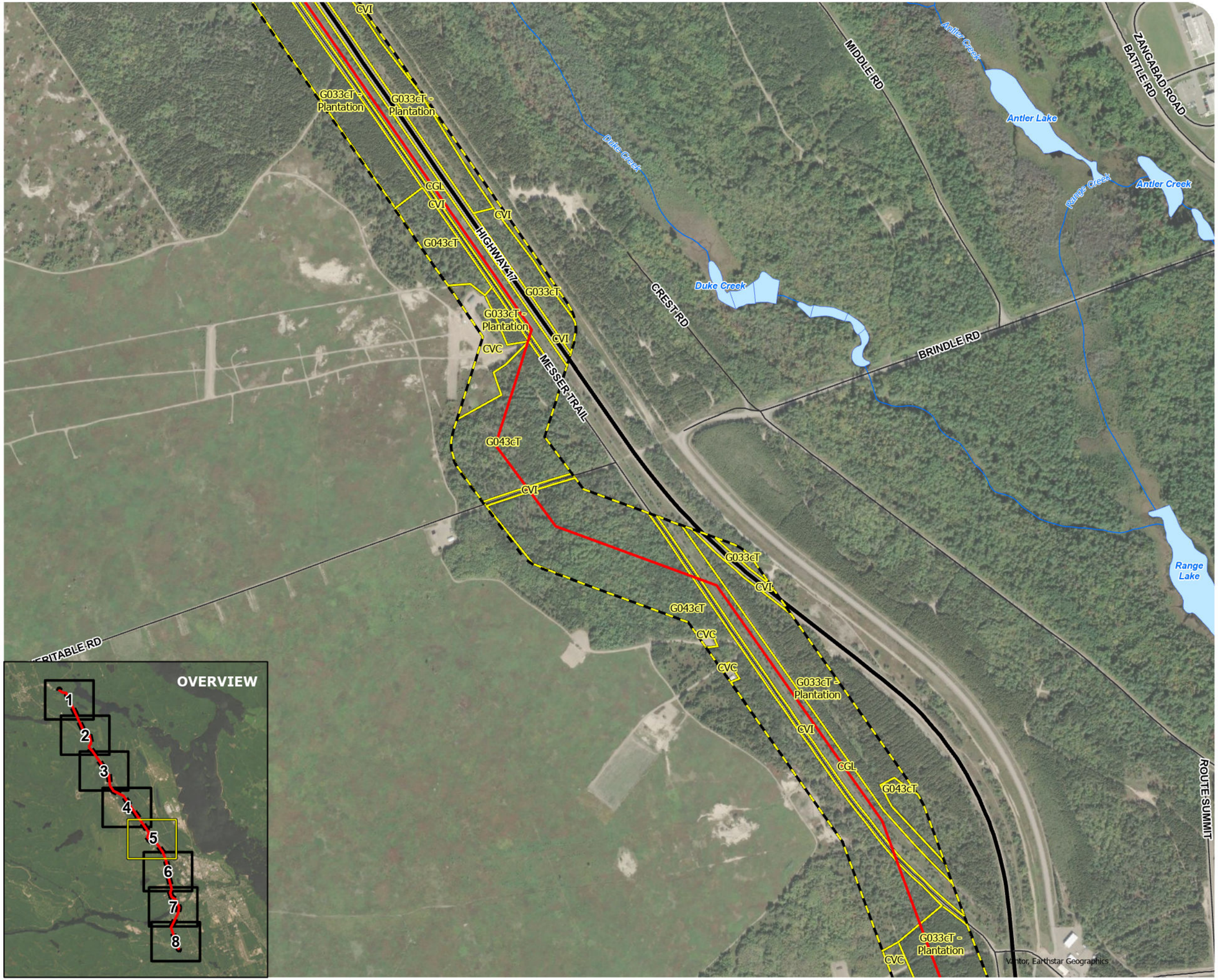
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NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 5 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CGL: Greenlands

CVC: Commercial and Institutional (Department of National Defence)

CVI: Transportation and Utilities (TC Energy pipeline row)

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

SCALE 1:10,000

0 100 200 400 Meters

N
W E
S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-18

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx

HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 6 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CGL: Greenlands

CVC: Commercial and Institutional (Department of National Defence)

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G042T: Maple Hardwood

G042cT: Maple Hardwood (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

G128T1: Hardwood Swamp

G131Tl: Maple Hardwood Swamp

G134S: Mineral Thicket Swamp

G148N: Mineral Shallow Marsh

SCALE 1:10,000

0 100 200 400 Meters

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

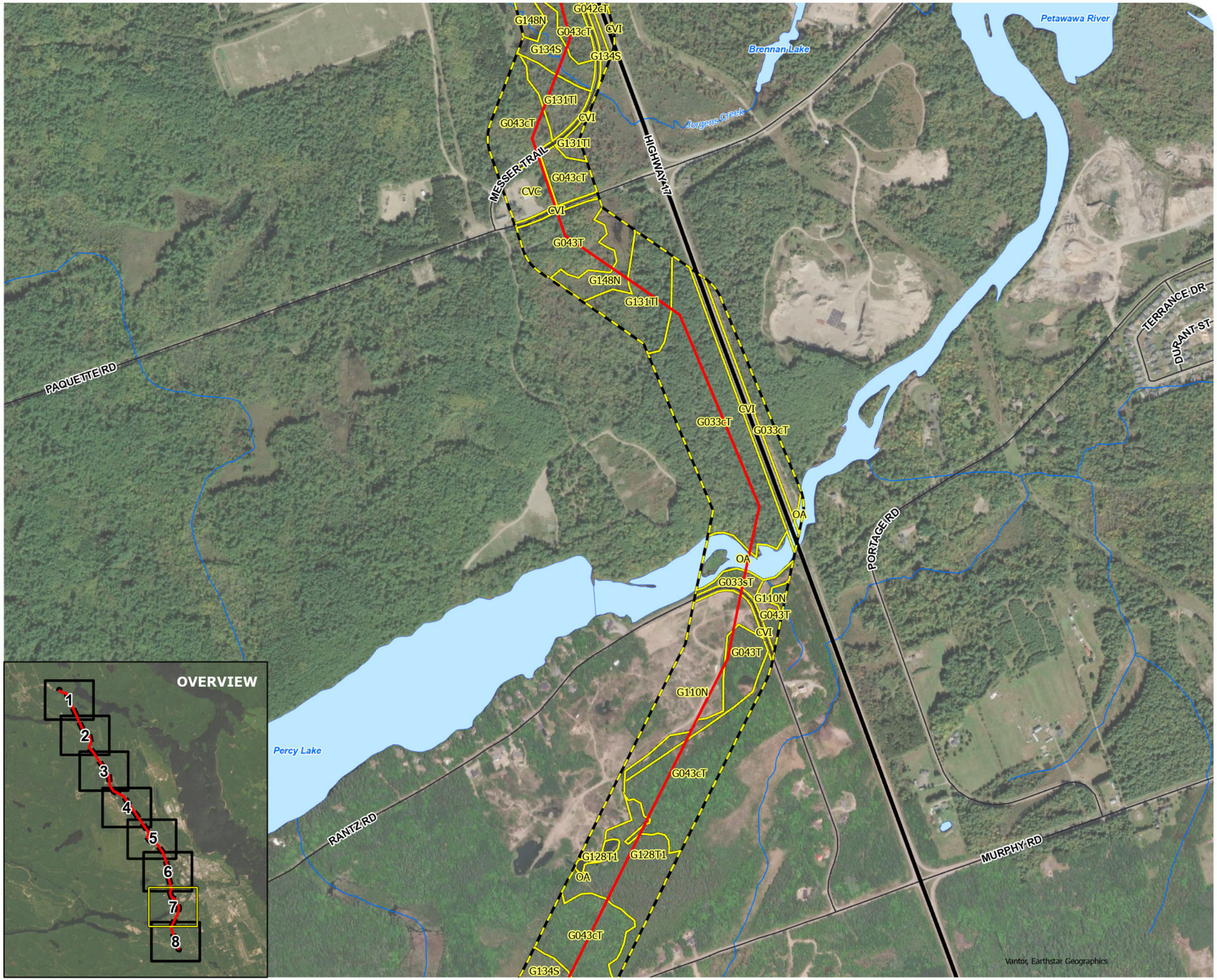
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MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-18

OVERVIEW

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx



HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 7 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CVC: Commercial and Institutional (Department of National Defence)

CVI: Transportation and Utilities

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033sT: Red Pine – White Pine Conifer (Sparse treed)

G042cT: Maple Hardwood (Closed Canopy)

G043T: Mixedwood

G043cT: Mixedwood (Closed Canopy)

G128T1: Hardwood Swamp

G131Tl: Maple Hardwood Swamp

G134S: Mineral Thicket Swamp

G148N: Mineral Shallow Marsh

OA: Open Water

SCALE 1:10,000

0 100 200 400 Meters

N
W E
S

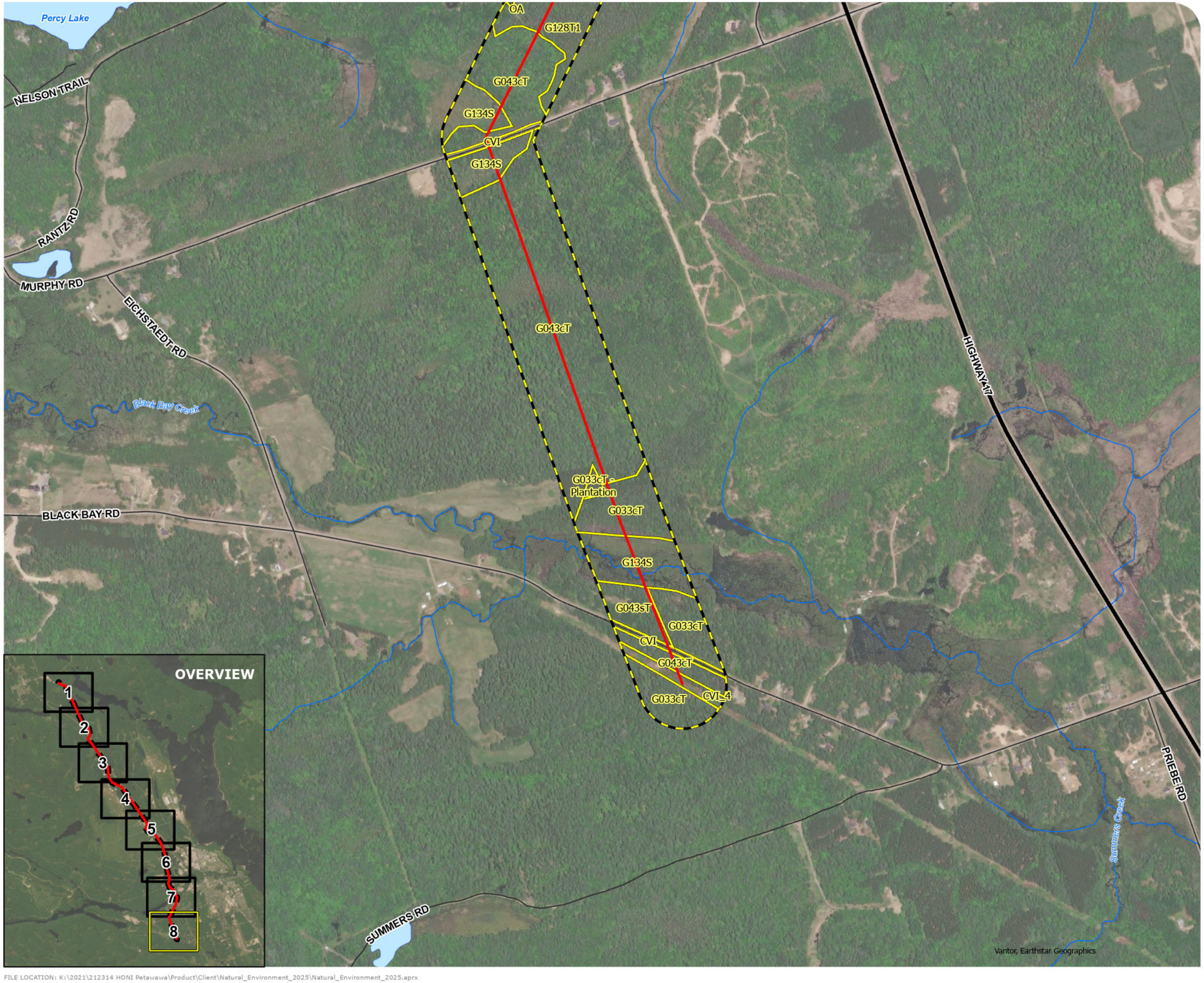
MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-18

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx



HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

ECOLOGICAL LAND CLASSIFICATION

FIGURE 4
MAP SHEET 8 OF 8

- Preferred Route
- Project Study Area (120 m)
- Highway
- Road
- Watercourse
- Waterbody
- ELC

CVI: Transportation and Utilities

CVI_4: Transportation and Utilities - Power Generation

G033cT: Red Pine – White Pine Conifer (Closed Canopy)

G033cT-Plantation: Red Pine – White Pine Conifer (Plantation) (Closed Canopy)

G043cT: Mixedwood (Closed Canopy)

G043sT: Mixedwood (Sparse treed)

G128T1: Hardwood Swamp

G134S: Mineral Thicket Swamp

OA: Open Water

SCALE 1:10,000

0 100 200 400 Meters

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-18

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx

HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SPECIES AT RISK

FIGURE 5

- Preferred Route
- Project Study Area (120 m)
- Common Nighthawk (Federal: Special Concern, Provincial: Special Concern)
- Eastern Whip-poor-will (Federal: Threatened, Provincial: Special Concern)

Base Data

- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Abandoned Railway Track
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Chalk River Atomic Energy of Canada Property
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

SCALE 1:75,000

0 0.5 1 2 Kilometers

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

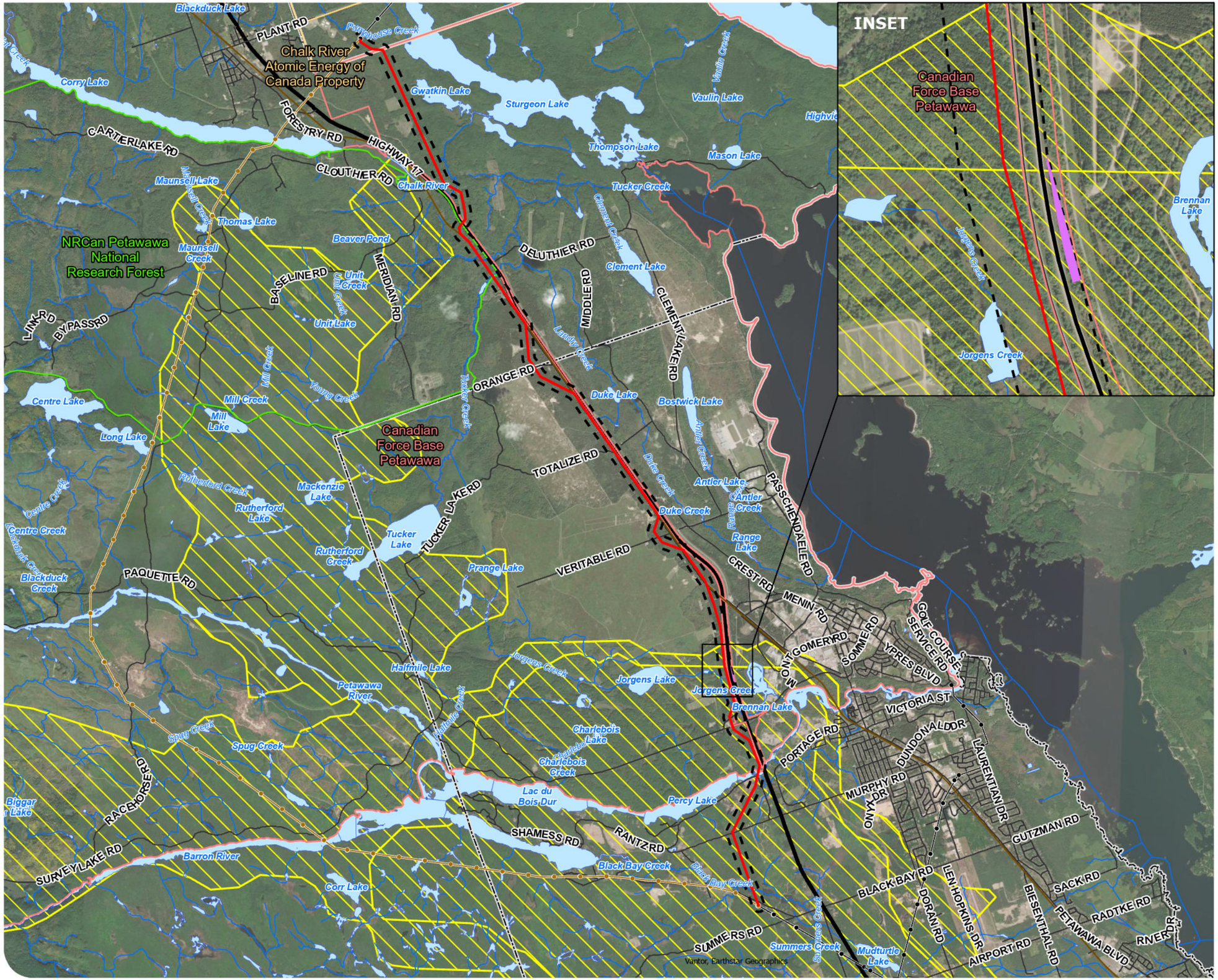
MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-19

Earthstar Geographics

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx



HYDRO ONE NETWORKS INC.

NATURAL ENVIRONMENT
EXISTING CONDITIONS TECHNICAL REPORT

D6 TRANSMISSION LINE RELOCATION PROJECT

SIGNIFICANT WILDLIFE HABITAT

FIGURE 6

- Preferred Route
- Project Study Area (120 m)
- Amphibian Breeding Habitat (Woodland)
- Deer Yarding (Wintering) Areas (MNRF, 2025)

Base Data

- Existing Transmission Line to Be Decommissioned
- Existing Transmission Line
- Abandoned Railway Track
- NRCan Petawawa National Research Forest
- Canadian Force Base Petawawa
- Chalk River Atomic Energy of Canada Property
- Highway
- Road
- Watercourse
- Waterbody
- Municipal Boundary

Note: Please refer to the report for a discussion of Candidate SWH and Confirmed SWH.
Only Confirmed SWH is mapped

SCALE 1:75,000

0 0.5 1 2 Kilometers

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: -PR
MAP CHECKED BY: -LW
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N

DILLON CONSULTING

PROJECT: 21-2314
STATUS: DRAFT
DATE: 2025-12-08

FILE LOCATION: K:\2021\212314 HONI Petawawa\Product\Client\Natural_Environment_2025\Natural_Environment_2025.aprx

Appendix A

Fish and Fish Habitat Assessment Table

Table A-1: Fish and Fish Habitat Assessment Summary

Survey Station	Survey Site Identifier	Survey Coordinates	Aquatic Assessment Data											
			Watercourse Type	Substrate Type	Average Wetted Width (m)	Average Wetted Depth (m)	Average Bankfull Width (m)	In-stream Cover						
								Undercut Banks (%)	Boulders and Cobble (%)	Woody Debris (%)	Organic Debris (%)	Macrophytes (%)	In-stream Cover Total (%)	Comments
Young Creek	RA-WC-07	45.98022 -77.3842	Permanent	Sand (dominant), muck, clay, silt	10	1	20	10	0	60	5	10	85	• Multi-channel natural meandering stream. • Flows from a speckled alder swamp thicket and converges at culvert. White Meadowsweet and Grass species present as well. • Undercut banks in the channels. • Stream has substantial woody/ riparian shrub cover.
Petawawa River	RA-WC-03, RB-WC-05	45.887511 -77.3091182	Permanent	Sand (dominant), cobble (dominant), boulder, muck, clay	55	1	75	0	20	0	0	2	22	• Lots of cobbles and sand. • Large riffles and flats typical of a large permanent river.
Jorgens Creek	RB-WC-09	45.8987 -77.3136	Permanent	Sand (dominant), Silt	6	6	15	5	0	15	10	15	45	• Speckled Alder present.
Chalk River	RA-WC-08	45.993069 -77.3992	Permanent	Sand (dominant), Silt, Muck	10	1	20	10	0	60	5	10	85	• Wide, flat, slow-moving, Speckled Alder shorelines.

Survey Station	Survey Site Identifier	Survey Coordinates	Aquatic Assessment Data											
			Watercourse Type	Substrate Type	Average Wetted Width (m)	Average Wetted Depth (m)	Average Bankfull Width (m)	In-stream Cover						
								Undercut Banks (%)	Boulders and Cobble (%)	Woody Debris (%)	Organic Debris (%)	Macrophytes (%)	In-stream Cover Total (%)	Comments
Unnamed (Tucker Creek)	RA-WC-06	45.9777 - 77.38155	Permanent	Boulder, sand (dominant), muck	5	5	20	0	5	0	10	25	40	• Assessment conducted downstream of actual alignment crossing. Based on aerial imagery, the habitat observed at the assessment location would be similar to the actual alignment crossing upstream. The watercourse consisted of a slow meandering wetland which was contained in a natural channel. Wetland vegetation was a cattail and sedge species, white meadowsweet and speckled alder. It appears the entrance to the culvert is dammed due to beaver activity.
Unnamed	N/A	45.9514537 - 77.3548992	Ephemeral	Sand (dominant)	0	0	0	0	0	0	0	0	0	• Watercourse dry at time of assessment, little or no evidence of historic flow. • No distinct channel, sand dominant substrate. • Unknown if it provides fish habitat. • Assessment completed upstream due to access restrictions. Assessment may not reflect actual alignment watercourse conditions. Aerial imagery shows more water at alignment crossing.

Survey Station	Survey Site Identifier	Survey Coordinates	Aquatic Assessment Data											
			Watercourse Type	Substrate Type	Average Wetted Width (m)	Average Wetted Depth (m)	Average Bankfull Width (m)	In-stream Cover						
								Undercut Banks (%)	Boulders and Cobble (%)	Woody Debris (%)	Organic Debris (%)	Macrophytes (%)	In-stream Cover Total (%)	Comments
Unnamed	N/A	45.9514537, -77.3548992	Ephemeral	Sand (dominant)	0	0	0	0	0	0	0	0	0	• Watercourse dry at time of assessment, little or no evidence of historic flow. • No distinct channel, sand dominant substrate. • No fish habitat. • Assessment completed upstream due to access restrictions. Assessment may not reflect actual alignment watercourse conditions. Aerial imagery shows more water at alignment crossing.

Appendix B

Botanical Species List

Table B-1: Botanical Species identified within the Project Study Area

Scientific Name	Common Name	*SARA* Status[1]	*ESA* Status[2]	SRank[3]	CC[4]	CW[5]	Invasive Priority for Control[6]	Invasive Ranking[6]	Noxious[7]
Abies balsamea	Balsam Fir	---	---	S5	5	-3	---	---	---
Acer rubrum	Red Maple	---	---	S5	4	0	---	---	---
Acer saccharum	Sugar Maple	---	---	S5	4	3	---	---	---
Acer x freemanii	Freeman's Maple	---	---	SNA	---	---	---	---	---
Achillea millefolium	Common Yarrow	---	---	SE	---	3	---	---	---
Alnus incana	Speckled Alder	---	---	S5	6	-5	---	---	---
Amaranthus sp.	Amaranth species	---	---	---	---	---	---	---	---
Ambrosia artemisiifolia	Annual Ragweed	---	---	S5	0	3	---	---	Y
Anaphalis margaritacea	Pearly Everlasting	---	---	S5	3	5	---	---	---
Andropogon gerardii	Big Bluestem	---	---	S4	7	1	---	---	---
Antennaria howellii ssp. howellii	Howell's Pussytoes	---	---	SU	2	5	---	---	---
Apocynum androsaemifolium	Spreading Dogbane	---	---	S5	3	5	---	---	---
Aralia nudicaulis	Wild Sarsaparilla	---	---	S5	4	3	---	---	---
Aruncus dioicus	Common Goatsbeard	---	---	SNA	---	3	---	---	---
Asclepias syriaca	Common Milkweed	---	---	S5	0	5	---	---	---
Athyrium filix-femina var. angustum	Northeastern Lady Fern	---	---	S5	4	0	---	---	---
Berteroa incana	Hoary False-alyssum	---	---	SNA	---	5	---	---	---
Betula papyrifera	Paper Birch	---	---	S5	2	2	---	---	---
Bromus inermis	Awnless Brome	---	---	SNA	---	5	C3	**4**	---
Calamagrostis canadensis	Bluejoint Reedgrass	---	---	S5	4	-5	---	---	---
Carex aquatilis var. aquatilis	Water Sedge	---	---	S5	7	-5	---	---	---
Carex vulpinoidea	Fox Sedge	---	---	S5	3	-5	---	---	---
Centaurea jacea	Brown Knapweed	---	---	SNA	---	5	---	---	Y
Chamaedaphne calyculata	Leatherleaf	---	---	S5	9	-5	---	---	---
Cichorium intybus	Chicory	---	---	SNA	---	5	---	---	---
Cirsium arvense	Canada Thistle	---	---	SNA	---	3	C3	6	Y
Cirsium vulgare	Bull Thistle	---	---	SNA	---	4	---	---	Y
Cladonia stellaris	A Lichen	---	---	S5	---	---	---	---	---

Scientific Name	Common Name	*SARA* Status[1]	*ESA* Status[2]	SRank[3]	CC[4]	CW[5]	Invasive Priority for Control[6]	Invasive Ranking[6]	Noxious[7]
Clematis virginiana	Virginia Virgin's-bower	---	---	S5	3	0	---	---	---
Clintonia borealis	Blue Bead-lily	---	---	S5	7	-1	---	---	---
Comarum palustre	Marsh Cinquefoil	---	---	S5	7	-5	---	---	---
Comptonia peregrina	Sweet Fern	---	---	S5	7	5	---	---	---
Cornus alternifolia	Alternate-leaved Dogwood	---	---	S5	6	5	---	---	---
Cornus canadensis	Bunchberry	---	---	S5	7	0	---	---	---
Cornus sericea ssp sericea	Red-osier Dogwood	---	---	S5	2	-3	---	---	---
Dactylis glomerata	Orchard Grass	---	---	SNA	---	3	C3	4	---
Daucus carota	Wild Carrot	---	---	SNA	---	5	C4	3	---
Dendrolycopodium obscurum	Flat-branched Tree-clubmoss/Ground-pine	---	---	S4	6	3	---	---	---
Dichanthelium depauperatum	Starved Panicgrass	---	---	S4	6	5	---	---	---
Digitaria sp.	Crabgrass species	---	---	---	---	---	---	---	---
Echium vulgare	Common Viper's-bugloss	---	---	SNA	---	5	---	---	---
Elymus repens	Creeping Wildrye	---	---	SNA	---	3	C3	6	---
Equisetum arvense	Field Horsetail	---	---	S5	0	0	---	---	---
Equisetum sylvaticum	Woodland Horsetail	---	---	S5	7	-3	---	---	---
Erigeron philadelphicus	Philadelphia Fleabane	---	---	S5	1	-3	---	---	---
Euthamia graminifolia	Grass-leaved Goldenrod	---	---	S5	2	-2	---	---	---
Eutrochium maculatum var. maculatum	Spotted Joe Pye Weed	---	---	S5	3	-5	---	---	---
Fagus grandifolia	American Beech	---	---	S4	6	3	---	---	---
Fragaria virginiana	Wild Strawberry	---	---	S5	2	1	---	---	---
Fraxinus pennsylvanica	Green Ash	---	---	S4	3	-3	---	---	---
Gaultheria procumbens	Eastern Teaberry	---	---	S5	6	3	---	---	---
Hieracium aurantiacum	Orange Hawkweed	---	---	SNA	---	5	C3	4	---
Hieracium caespitosum ssp. caespitosum	Yellow or Field Hawkweed	---	---	SE5	---	5	C3	4	---
Hypericum perforatum	Common St. John's-wort	---	---	SNA	---	5	---	---	---
Ilex verticillata	Black Holly	---	---	S5	5	-4	---	---	---
Iris versicolor	Harlequin Blue Flag	---	---	S5	5	-5	---	---	---

Scientific Name	Common Name	*SARA* Status[1]	*ESA* Status[2]	SRank[3]	CC[4]	CW[5]	Invasive Priority for Control[6]	Invasive Ranking[6]	Noxious[7]
Kalmia angustifolia	Sheep Laurel	---	---	S5	9	0	---	---	---
Larix laricina	American Larch	---	---	S5	7	-3	---	---	---
Leucanthemum vulgare	Oxeye Daisy	---	---	SNA	---	5	C4	3	---
Liatris sp.	Blazing Star species	---	---	---	---	---	---	---	---
Linaria vulgaris	Butter-and-eggs	---	---	SNA	---	5	---	---	---
Lotus corniculatus	Garden Bird's-foot Trefoil	---	---	SNA	---	1	---	---	---
Lysimachia quadrifolia	Whorled Loosestrife	---	---	S4	8	5	---	---	---
Lythrum salicaria	Purple Loosestrife	---	---	SNA	---	-5	C1	9	---
Maianthemum canadense	Wild Lily-of-the-valley	---	---	S5	5	0	---	---	---
Maianthemum racemosum	False Solomon's-seal	---	---	S5	4	3	---	---	---
Malus sp.	Apple species	---	---	---	---	---	---	---	---
Matteuccia struthiopteris	Ostrich Fern	---	---	S5	5	-3	---	---	---
Medicago lupulina	Black Medic	---	---	SNA	---	1	---	---	---
Melilotus albus	White Sweet-clover	---	---	SNA	---	3	C1	9	---
Mitella diphylla	Two-leaf Bishop's-cap	---	---	S5	5	2	---	---	---
Myrica gale	Sweet Bayberry	---	---	S5	6	-5	---	---	---
Oenothera perennis	Perennial Evening Primrose	---	---	S5	6	0	---	---	---
Onoclea sensibilis	Sensitive Fern	---	---	S5	4	-3	---	---	---
Osmunda claytoniana	Interrupted Fern	---	---	S5	7	-1	---	---	---
Ostrya virginiana	Eastern Hop-hornbeam	---	---	S5	4	4	---	---	---
Persicaria lapathifolia	Pale Smartweed	---	---	S5	2	-4	---	---	---
Phalaris arundinacea	Reed Canary Grass	---	---	S5	0	-4	---	9	---
Picea abies	Norway Spruce	---	---	SNA	---	5	---	---	---
Picea glauca	White Spruce	---	---	S5	6	3	---	---	---
Pinus banksiana	Jack Pine	---	---	S5	9	3	---	---	---
Pinus resinosa	Red Pine	---	---	S5	8	3	---	---	---
Pinus strobus	Eastern White Pine	---	---	S5	4	3	---	---	---
Pinus sylvestris	Scotch Pine	---	---	SNA	---	5	C3	2	---

Scientific Name	Common Name	*SARA* Status[1]	*ESA* Status[2]	SRank[3]	CC[4]	CW[5]	Invasive Priority for Control[6]	Invasive Ranking[6]	Noxious[7]
Plantago major	Common Plantain	---	---	S5	---	-1	---	---	---
Pleurozium schreberi	A Moss	---	---	S5	N/A	N/A	---	N/A	N/A
Poa pratensis ssp. pratensis	Kentucky Bluegrass	---	---	S5	0	1	---	6	---
Poaceae sp.	Grass species	---	---	---	---	---	---	---	---
Populus balsamifera	Balsam Poplar	---	---	S5	4	-3	---	---	---
Populus grandidentata	Large-tooth Aspen	---	---	S5	5	3	---	---	---
Populus tremuloides	Trembling Aspen	---	---	S5	2	0	---	---	---
Prenanthes altissima	Tall Rattlesnake-root	---	---	S5	5	3	---	---	---
Prunella vulgaris ssp. vulgaris	Self-heal	---	---	SNA	---	0	---	---	---
Prunus pensylvanica	Pin Cherry	---	---	S5	3	4	---	---	---
Prunus serotina	Wild Black Cherry	---	---	S5	3	3	---	---	---
Prunus virginiana	Choke Cherry	---	---	S5	2	1	---	---	---
Pteridium aquilinum	Bracken Fern	---	---	S5	2	3	---	---	---
Quercus macrocarpa	Bur Oak	---	---	S5	5	1	---	---	---
Quercus rubra	Northern Red Oak	---	---	S5	6	3	---	---	---
Rhododendron groenlandicum	Common Labrador Tea	---	---	S5	9	-5	---	---	---
Rhus hirta	Staghorn Sumac	---	---	S5	1	5	---	---	---
Robinia pseudoacacia	Black Locust	---	---	SNA	---	4	C3	4	---
Rubus allegheniensis	Alleghany Blackberry or Common Blackberry	---	---	S5	2	2	---	---	---
Rubus idaeus ssp. idaeus	Common Red Raspberry	---	---	SNA	---	5	---	---	---
Rubus pubescens	Dewberry or Dwarf Raspberry	---	---	S5	4	-4	---	---	---
Rumex acetosella	Sheep Sorrel	---	---	SNA	---	0	---	---	---
Rumex crispus	Curly Dock	---	---	SNA	---	-1	---	---	---
Salix cinerea	European Gray Willow	---	---	SNA	---	5	---	---	---
Salix planifolia	Tea-leaved Willow	---	---	S5	---	---	---	---	---
Salix pyrifolia	Balsam Willow	---	---	S5	10	-4	---	---	---
Schoenoplectus tabernaemontani	Soft-stemmed Bulrush	---	---	S5	5	-5	---	---	---
Securigera varia	Common Crown-vetch	---	---	SNA	---	5	C2	4	---

Scientific Name	Common Name	*SARA* Status[1]	*ESA* Status[2]	SRank[3]	CC[4]	CW[5]	Invasive Priority for Control[6]	Invasive Ranking[6]	Noxious[7]
Silene latifolia	White Campion	---	---	SNA	---	5	---	---	---
Silene vulgaris	Maiden's Tears	---	---	SNA	---	5	---	---	---
Solidago altissima ssp. altissima	Eastern Late Goldenrod	---	---	S5	1	3	---	---	---
Solidago canadensis var. canadensis	Canada Goldenrod	---	---	S5	1	3	---	---	---
Solidago flexicaulis	Zigzag Goldenrod	---	---	S5	6	3	---	---	---
Solidago nemoralis ssp. nemoralis	Gray-stemmed Goldenrod	---	---	S5	2	5	---	---	---
Sorbus americana	American Mountain-ash	---	---	S5	8	-1	---	---	---
Sparganium americanum	American Burreed	---	---	S4?	6	-5	---	---	---
Spiraea alba	White Meadowsweet	---	---	S5	3	-4	---	---	---
Symphyotrichum ciliolatum	Lindley's Aster	---	---	S5	6	4	---	---	---
Symphyotrichum novae-angliae	New England Aster	---	---	S5	2	-3	---	---	---
Taraxacum officinale	Common Dandelion	---	---	SNA	---	3	---	---	---
Thalictrum pubescens	Tall Meadow-rue	---	---	S5	5	-2	---	---	---
Thuja occidentalis	Eastern White Cedar	---	---	S5	4	-3	---	---	---
Tilia americana	American Basswood	---	---	S5	4	3	---	---	---
Toxicodendron rydbergii	Rydberg's Poison Ivy	---	---	S5	0	0	---	---	Y
Tragopogon dubius	Yellow Goat's-beard	---	---	SNA	---	5	---	---	---
Triadenum fraseri	Fraser's St. John's-wort	---	---	S5	7	-5	---	---	---
Trichophorum alpinum	Alpine Club-rush	---	---	S5	9	-5	---	---	---
Trientalis borealis	Northern Starflower	---	---	S5	6	-1	---	---	---
Trifolium pratense	Red Clover	---	---	SNA	---	2	---	---	---
Typha angustifolia	Narrow-leaved Cattail	---	---	SNA	3	-5	C3	6	---
Typha latifolia	Broad-leaved Cattail	---	---	S5	3	-5	---	---	---
Ulmus americana	American Elm	---	---	S5	3	-2	---	---	---
Vaccinium myrtilloides	Velvetleaf Blueberry	---	---	S5	7	-2	---	---	---
Verbascum thapsus	Common Mullein	---	---	SNA	---	5	---	---	---
Verbena hastata	Blue Vervain	---	---	S5	4	-4	---	---	---
Vicia cracca	Tufted Vetch	---	---	SNA	---	5	---	---	---

[1] Status identified by the Committee on the Status of Endangered Wildlife in Canada under the federal *Species at Risk Act*, 2002.
[2] Species at risk in Ontario List under the provincial *Endangered Species Act*, 2007.
[3] Provincial Conservation Ranking (SRank) where S5 = secure, S4 = apparently secure, S3 = vulnerable, S2 = imperiled, S1 = critically imperiled, SX = extirpated, SH = possibly extirpated, SNA = A conservation status rank is not applicable because the species is not a suitable target for conservation activities, SE = exotic, SU = unranked, B = breeding, N = non-breeding, and ? = some uncertainty with the classification due to insufficient information.
[4] Coefficient of Conservatism (CC) (Floristic Quality Assessment System for Southern Ontario 1995). Each native taxon is assigned a rank of 0 to 10 ("coefficient of conservatism") based on its degree of fidelity to a range of synecological parameters. Species found in a wide variety of plant communities, including disturbed sites, are assigned ranks of 0 to 3. Species that are typically associated with a specific plant community, but tolerate moderate disturbance, are assigned ranks of 4 to 6. Rankings of 7 to 8 were applied to those species associated with a plant community in an advanced successional stage that has undergone minor disturbance. Those species with high degrees of fidelity to a narrow range of synecological parameters are assigned a value of 9 to 10.
[5] Coefficient of Wetness (CW) (Floristic Quality Assessment System for Southern Ontario 1995). The wetness index gives an indication of where plant species are typically found. A wetness value (coefficient of wetness) between -5 and 5. A value of -5 was assigned to Obligate Wetland (OBL) species and a value of 5 to Obligate Upland species (UPL), with intermediate values assigned to the remaining categories. The wetland categories and their corresponding values are as follows:

- OBL (-5) Obligate Wetland - Occurs almost always in wetlands under natural conditions (estimated > 99% probability).
- FACW+ (-4) Facultative Wetland - Usually occurs in wetlands, but occasionally found in non-wetlands (estimated 67-99% probability).
- FACW (-3).
- FACW- (-2).
- FAC + (-1) Facultative - Equally likely to occur in wetlands or non-wetlands (estimated 34-66% probability).
- FAC 0.
- FAC- (1).
- FACU+ (2) Facultative Upland - Occasionally occurs in wetlands, but usually occurs in non-wetlands (estimated 1-33 % probability).
- FACU (3).
- FACU- (4).
- UPL (5) Obligate Upland - Occurs almost never in wetlands under natural conditions (estimated <1 % probability).

[6] Invasive Priority for Control List (Urban Forest Associates, 2014) – see report text for Categories. Invasive Ranking – source unknown.
[7] Species listed on the Noxious Weeds List for Ontario, under the *Weed Control Act.*

Appendix C

Breeding Bird Survey Table

Table C-1: Breeding Bird Survey Results (2022)

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
BBS5					
Corvus brachyrhynchos	American Crow	---	---	S5B	S, X
Setophaga coronata	Yellow-rumped Warbler	---	---	S5B	S
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Melospiza melodia	Song Sparrow	---	---	S5B	S
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Cyanocitta cristata	Blue Jay	---	---	S5	F/O
BBS8					
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Cyanocitta cristata	Blue Jay	---	---	S5	S
BBS9					
Setophaga ruticilla	American Redstart	---	---	S5B	S
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Empidonax alnorum	Alder Flycatcher	---	---	S5B	S, X
Geothlypis trichas	Common Yellowthroat	---	---	S5B	N/A
Cyanocitta cristata	Blue Jay	---	---	S5	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Carduelis tristis	American Goldfinch	---	---	S5B	S
Melospiza melodia	Song Sparrow	---	---	S5B	S
Melospiza georgiana	Swamp Sparrow	---	---	S5B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
BBS11					
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Catharus fuscescens	Veery	---	---	S4B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Setophaga magnolia	Magnolia Warbler	---	---	S5B	S
BBS12					
Melospiza melodia	Song Sparrow	---	---	S5B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Catharus fuscescens	Veery	---	---	S4B	S
Cyanocitta cristata	Blue Jay	---	---	S5	F/O, S
BBS13					
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
Passerina cyanea	Indigo Bunting	---	---	S4B	S
Vireo solitarius	Blue-headed Vireo	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Corvus brachyrhynchos	American Crow	---	---	S5B	F/O, X
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
BBS15					
Accipiter cooperii	Cooper's Hawk	---	---	S4	X
Setophaga pinus	Pine Warbler	---	---	S5B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
BBS16					
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Catharus guttatus	Hermit Thrush	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
BBS17					
Cyanocitta cristata	Blue Jay	---	---	S5	S
Passerina cyanea	Indigo Bunting	---	---	S4B	S
Melospiza melodia	Song Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	N/A
Seiurus aurocapilla	Ovenbird	---	---	S4B	S

Table C-2: Breeding Bird Survey Results (2025)

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
BBS5					
Spinus tristis	American Goldfinch	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Corvus brachyrhynchos	American Crow	---	---	S5B	S
Turdus migratorius	American Robin	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Empidonax alnorum	Alder Flycatcher	---	---	S5B	H
Setophaga ruticilla	American Redstart	---	---	S5B	S
BBS8					
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
BBS11					
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S
BBS27					
Zenaida macroura	Mourning Dove	---	---	S5	
Spinus tristis	American Goldfinch	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Bonasa umbellus	Ruffed Grouse	---	---	S4	A
Melospiza georgiana	Swamp Sparrow	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
Turdus migratorius	American Robin	---	---	S5B	S
Cyanocitta cristata	Blue Jay	---	---	S5	S
Corvus brachyrhynchos	American Crow	---	---	S5B	S
Junco hyemalis	Dark-eyed Junco	---	---	S5B	S
Melospiza melodia	Song Sparrow	---	---	S5B	S
BBS29					
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
Leiothlypis ruficapilla	Nashville Warbler	---	---	S5B	S
Cyanocitta cristata	Blue Jay	---	---	S5	S
Troglodytes hiemalis	Winter Wren	---	---	S5B	S
Empidonax alnorum	Alder Flycatcher	---	---	S5B	S
Turdus migratorius	American Robin	---	---	S5B	S
Sayornis phoebe	Eastern Phoebe	---	---	S5B	S
Setophaga americana	Northern Parula	---	---	S4B	S
Parkesia noveboracensis	Northern Waterthrush	---	---	S5B	S
Catharus fuscescens	Veery	---	---	S4B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Empidonax minimus	Least Flycatcher	---	---	S4B	S
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Toxostoma rufum	Brown Thrasher	---	---	S4B	S
BBS30					
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Melospiza melodia	Song Sparrow	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Corvus brachyrhynchos	American Crow	---	---	S5B	S
Turdus migratorius	American Robin	---	---	S5B	S
Tyrannus tyrannus	Eastern Kingbird	---	---	S4B	S
Passerina cyanea	Indigo Bunting	---	---	S4B	S
Spinus tristis	American Goldfinch	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
BBS31					
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Agelaius phoeniceus	Red-winged Blackbird	---	---	S4	S
Spinus tristis	American Goldfinch	---	---	S5B	S
Corvus corax	Common Raven	---	---	S5	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S
Setophaga coronata	Yellow-rumped Warbler	---	---	S5B	S
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Dryobates villosus	Hairy Woodpecker	---	---	S5	H
Cyanocitta cristata	Blue Jay	---	---	S5	SS
Quiscalus quiscula	Common Grackle	---	---	S5B	S
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
BBS32					
Poecile atricapillus	Black-capped Chickadee	---	---	S5	S
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
BBS33					
Leiothlypis ruficapilla	Nashville Warbler	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Spinus tristis	American Goldfinch	---	---	S5B	S
Cyanocitta cristata	Blue Jay	---	---	S5	S
BBS34					
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Leiothlypis ruficapilla	Nashville Warbler	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Sayornis phoebe	Eastern Phoebe	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Setophaga petechia	Yellow Warbler	---	---	S5B	S
BBS35					
Setophaga caerulescens	Black-throated Blue Warbler	---	---	S5B	S
Zonotrichia albicollis	White-throated Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Setophaga virens	Black-throated Green Warbler	---	---	S5B	S
Geothlypis trichas	Common Yellowthroat	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Setophaga coronata	Yellow-rumped Warbler	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Setophaga magnolia	Magnolia Warbler	---	---	S5B	S
Colaptes auratus	Northern Flicker	---	---	S4B	S
Cyanocitta cristata	Blue Jay	---	---	S5	S
BBS37					
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Vireo olivaceus	Red-eyed Vireo	---	---	S5B	S
Turdus migratorius	American Robin	---	---	S5B	S
Seiurus aurocapilla	Ovenbird	---	---	S4B	S
Vireo solitarius	Blue-headed Vireo	---	---	S5B	S

Scientific Name	Common Name	SARA[1]	ESA[2]	SRank[3]	Breeding Evidence[4]
Setophaga fusca	Blackburnian Warbler	---	---	S5B	S
BBS38					
Leiothlypis ruficapilla	Nashville Warbler	---	---	S5B	S
Setophaga pensylvanica	Chestnut-sided Warbler	---	---	S5B	S
Spizella passerina	Chipping Sparrow	---	---	S5B	S
Bombycilla cedrorum	Cedar Waxwing	---	---	S5B	S
Turdus migratorius	American Robin	---	---	S5B	S
Melospiza melodia	Song Sparrow	---	---	S5B	S

Notes:

[1]Federal Species at risk Act, 2002.

[2]Provincial Endangered Species Act, 2007.

[3]Provincial Conservation Ranking (SRank) where S5 = secure, S4 = apparently secure SNA = A conservation status rank is not applicable because the species is not a suitable target for conservation activities, B = breeding, and N = non-breeding.

[4]Breeding Bird Codes from Breeding Bird Atlas of Ontario (Birds Canada, 2021)

Observed

X Species observed during its breeding season, but NOT in suitable nesting habitat (no breeding evidence found).

F/O Flyover

Possible

H Species observed in suitable nesting habitat during its breeding season

S Singing male or adult producing other sounds associated with breeding (e.g., calls or drumming) in suitable nesting habitat during the species' breeding season

Probable

P Pair observed in suitable nesting habitat during the species' breeding season

T Presumed territory based on the presence of an adult bird (usually singing, but not necessarily so), in the same suitable nesting habitat patch on at least two visits, one week or more apart, during the species' breeding season

V Bird Visiting a probable nest site in suitable nesting habitat during the species' breeding season

A Agitated behavior or alarm calls of an adult in suitable nesting habitat during the species' breeding season

Confirmed

NB Nest building, including the carrying of nesting material, by all species except wrens and woodpeckers

AE Adult Entering, occupying, or leaving a nest site (visible or not) or whose behavior suggests the presence of an occupied nest.

CF Adult Carrying Food for young

Appendix D

Amphibian Call Count Survey Table

Table D-1: Amphibian Calling Surveys

Station	Round 1 (April 26, 2022)	Round 2 (May 25, 2022)	Round 1 (April 30, 2025)	Round 2 (May 20, 2025)	Round 3 (June 26, 2025)
AMPH #2	Spring Peeper (3) – distance greater than 100 m	Spring Peeper (1-1)	Spring Peeper (3)	Spring Peeper (3)	Bull Frog (1-3) Green Frog (1-2)
AMPH #7	Spring Peeper (3)	Spring Peeper (1-5) Gray Tree Frog (1-2) – distance greater than 100 m	Spring Peeper (3)	Spring Peeper (3)	None heard
AMPH #8	Spring Peeper (3) – distance greater than 100 m	Gray Tree Frog (1-1) – distance greater than 100 m	-	-	-
AMPH #9	Spring Peeper (3) Wood Frog (3)	Spring Peeper (1-1) – distance greater than 100 m Gray Tree Frog (1-2)	-	-	-
AMPH #10	Spring Peeper (1-1) Wood Frog (1-1)	Gray Tree Frog (1-1) – distance greater than 100 m	Spring Peeper (3)	Spring Peeper (3)	None heard
AMPH #13	Spring Peeper (3) – distance greater than 100 m	Spring Peeper (1-5) Gray Tree Frog (1-1) – distance greater than 100 m	Spring Peeper (3)	Spring Peeper (1-2)	Green Frog (1-2)
AMPH #14	Spring Peeper (1-1)	Spring Peeper (1-1) – distance greater than 100 m Gray Tree Frog (1-1) – distance greater than 100 m	Spring Peeper (3)	Spring Peeper (2-3)	Green Frog (1-1)
AMPH #19	-	-	Spring Peeper (3)	Spring Peeper (1-3)	None heard
AMPH #20	-	-	Spring Peeper (3)	Spring Peeper (3) Wood Frog (1-1)	Green Frog (1-3) Bull Frog (1-3)
AMPH #21	-	-	Spring Peeper (3)	Spring Peeper (3) Wood Frog (1-1)	Green Frog (1-1)

Call Level Codes

1. Individuals can be counted; calls not simultaneous.
2. Calls distinguishable, some simultaneous calling.
3. Full chorus; calls continuous and overlapping.

Note: In the parentheses, the first number refers to the Call Level Code, and the second number refers to the Abundance. Call Level of '3' is a full chorus and does not include an abundance.

Appendix E

Species at Risk Table

Table E-1: SAR Screening and Results of Field Investigations

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Birds									
Riparia riparia	Bank Swallow	THR	THR	S4B	OBBA	Sand, clay or gravel river banks or steep riverbank cliffs; lakeshore bluffs of easily crumbled sand or gravel; gravel pits, road-cuts, grassland or cultivated fields that are close to water; nesting sites are limiting factor for species presence.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Hirundo rustica	Barn Swallow	THR	SC	S4B	OBBA, NHIC	Farmlands or rural areas; cliffs, caves, rock niches; buildings or other man-made structures for nesting; open country near body of water.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Dolichonyx oryzivorus	Bobolink	THR	THR	S4B	OBBA, NHIC, HONI	Large, open expansive grasslands with dense ground cover; hayfields, meadows or fallow fields; marshes; requires tracts of grassland >50 ha.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Cardellina canadensis	Canada Warbler	THR	SC	S4B	OBBA, NHIC	An interior forest species; dense, mixed coniferous, deciduous forests with closed canopy, wet bottomlands of cedar or alder; shrubby undergrowth in cool moist mature woodlands; riparian habitat usually requires at least 30 ha.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Chaetura pelagica	Chimney Swift	THR	THR	S4B,S4N	OBBA	Commonly found in urban areas near buildings and man-made structures with vertical faces, of which are used as surfaces for nest-building. Nests and roosts are most common in chimneys with preference for larger chimneys with open tops. This species will also nest and roost in hollow trees and crevices of rock cliffs. Nesting and roosting sites are situated near areas of water with an abundance of insects for feeding.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Chordeiles minor	Common Nighthawk	SC	SC	S4B	OBBA	Open ground; clearings in dense forests; ploughed fields; gravel beaches or barren areas with rocky soils; open woodlands; flat gravel roofs.	**Yes**	**Recorded**	Recorded during targeted surveys at station CREP 3 on June 14, 2022.

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Sturnella magna	Eastern Meadowlark	THR	THR	S4B	OBBA, NHIC	Open, grassy meadows, farmland, pastures, hayfields or grasslands with elevated singing perches; cultivated land and weedy areas with trees; old orchards with adjacent, open grassy areas >10 ha in size.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Caprimulgus vociferus	Eastern Whip-poor-will	THR	THR	S4B	NHIC, HONI	Semi-open forests and adjacent clearings	**Yes**	**Recorded**	Four male Eastern Whip-poor Will were heard calling at station CREP 3 on June 14, 2022. An Eastern Whip-poor-will was recorded incidentally during amphibian calling surveys at station AMPH 10 on June 26, 2025
Contopus virens	Eastern Wood-pewee	SC	SC	S4B	OBBA, NHIC	Open, deciduous, mixed or coniferous forest; predominated by oak with little understory; forest clearing, edges; farm woodlots, parks.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Aquila chrysaetos	Golden Eagle	---	END	S2B	NHIC	Remote, undisturbed areas within the Hudson Bay Lowland (Far North). Nests are typically built on ledges of steep cliffs/riverbanks or in large trees.	No	N/A	
Vermivora chrysoptera	Golden-winged Warbler	THR	SC	S4B	OBBA	Prefer to nest in areas with young shrubs surrounded by mature forest – locations that have recently been disturbed, such as field edges, hydro or utility right-of-ways, or logged areas	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Ammodramus savannarum	Grasshopper Sparrow	SC	SC	S4B	OBBA	Well-drained grassland or prairie with low cover of grasses, taller weeds on sandy soil; hayfields or weedy fallow fields; uplands with ground vegetation of various densities; perches for singing; requires tracts of grassland > 10 ha.	No	N/A	
Setophaga kirtlandii	Kirtland's Warbler	END	END	S1B	NHIC	Young, dense stands of Jack Pine (and sometimes Red Pine) that are 5–20 years old and typically located on well-drained sandy soils. Nests are built on the ground, concealed by low branches and shrubs. Two known nesting sites in	**Yes**	Not recorded during breeding bird surveys, or incidentally	2007 breeding record from CFB Petawawa (MNR, 2025)

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Ixobrychus exilis	Least Bittern	THR	THR	S4B	iNaturalist	Deep marshes, swamps, bogs; marshy borders of lakes, ponds, streams, ditches; dense emergent vegetation of cattail, bulrush, sedge; nests in cattails; intolerant of loss of habitat and human disturbance.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Contopus cooperi	Olive-sided Flycatcher	THR	SC	S4B	NHIC	The Olive-sided flycatcher is most often found along natural forest edges and openings. It will use forests that have been logged or burned, if there are ample tall snags and trees to use for foraging perches. Olive-sided flycatchers' breeding habitat usually consists of coniferous or mixed forest adjacent to rivers or wetlands. In Ontario, Olive-sided flycatchers commonly nest in conifers such as White and Black Spruce, Jack Pine and Balsam Fir.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Falco peregrinus	Peregrine Falcon	SC	SC	S3B	NHIC	Rock cliffs, crags, especially situated near water; tall buildings in urban centres; threatened by chemical contamination; reintroduction efforts have been attempted in numerous locations throughout Ontario.	**Yes**	Not recorded during breeding bird surveys, or incidentally	There is a March 2023 iNaturalist record of this species flying over the Petawawa River
Hylocichla mustelina	Wood Thrush	THR	SC	S4B	OBBA, NHIC	Carolinian and Great Lakes-St. Lawrence forest zones; undisturbed moist mature deciduous or mixed forest with deciduous sapling growth; near pond or swamp; hardwood forest edges; must have some trees higher than 12m.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Fish									
Acipenser fulvescens pop. 3	Lake Sturgeon (Great Lakes - Upper St. Lawrence River population)	---	END	S2	NHIC, HONI	Large rivers and lakes (benthic, or bottom-dwelling fish). Prefer relatively shallow areas (2–3 m) in lakes with moderate water flow. Spawns in fast-flowing sections of large rivers with a substrate of coarse gravel, cobble, or rubble. Spawning occurs below natural or man-made barriers (e.g., dams).	**Yes**	No targeted surveys, not recorded incidentally	

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Moxostoma carinatum	River Redhorse	SC	SC	S2	HONI	Medium to large rivers with substantial flows and clear water. Adults typically occupy deeper, slower-moving pools and runs outside of spawning season. Known from the Ottawa River.	**Yes**	No targeted surveys, not recorded incidentally	
Herpetofauna (Reptiles and Amphibians)									
Emydoidea blandingii	Blanding's Turtle	THR	THR	S3	OHA, NHIC, HONI	Shallow water marshes, bogs, ponds or swamps, or coves in larger lakes with soft muddy bottoms and aquatic vegetation; basks on logs, stumps, or banks; surrounding natural habitat is important in summer as they frequently move from aquatic habitat to terrestrial habitats; hibernates in bogs; not readily observed.	**Yes**	No targeted surveys, not recorded incidentally	
Glyptemys insculpta	Wood Turtle	THR	END	S2	MNR Regulated Species	The Wood Turtle is Ontario's most terrestrial freshwater turtle, relying on a corridor that includes both aquatic and adjacent upland habitats.	**Yes**	No targeted surveys, not recorded incidentally	
Plestiodon fasciatus pop. 2	Common Five-lined Skink (Southern Shield population)	SC	SC	S3	OHA	This population is found along the southern edge of the Canadian Shield	No	**N/A**	
Sternotherus odoratus	Eastern Musk Turtle	SC	SC	S3	OHA	Aquatic, except when laying eggs; shallow slow moving water of lakes, streams, marshes and ponds; hibernate in underwater mud, in banks or in muskrat lodges; eggs are laid in debris or under stumps or fallen logs at waters edge; often share nest sites; sometimes congregate at hibernation sites; not readily observed.	**Yes**	No targeted surveys, not recorded incidentally	
Thamnophis sauritus	Eastern Ribbonsnake (Great Lakes population)	SC	SC	S3	OHA	Sunny grassy areas with low dense vegetation near bodies of shallow permanent quiet water; wet meadows, grassy marshes or sphagnum bogs; borders of ponds, lakes or streams; hibernates in groups.	**Yes**	No targeted surveys, not recorded incidentally	
Chrysemys picta marginata	Midland Painted Turtle	SC	---	S4	iNaturalist	The species are found in soft bottomed ponds, marshes, lakes and slow-moving creeks. They are often found basking along shorelines, logs and rocks.	**Yes**	No targeted surveys, not recorded incidentally	

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Lampropeltis triangulum	Milksnake	SC	Not at Risk	S3	NHIC	Farmlands, meadows, hardwood or aspen stands; pine forest with brushy or woody cover; river bottoms or bog woods; hides under logs, stones, or boards or in outbuildings; often uses communal nest sites.	**Yes**	No targeted surveys, not recorded incidentally	
Graptemys geographica	Northern Map Turtle	SC	SC	S3	OHA	This species is found in rivers and lakeshores, with a preference for slow moving currents, muddy bottoms, and abundant aquatic vegetation. Through spring and summer, it needs suitable basking sites on emergent rocks and fallen trees, with an unobstructed view from which it can drop immediately into the water if startled. Northern Map Turtle require high-quality water that supports the female's mollusc prey. In winter, individuals hibernate on the bottom of deep, slow-moving sections of river.	**Yes**	No targeted surveys, not recorded incidentally	
Chelydra serpentina	Snapping Turtle	SC	SC	S3	OHA, NHIC	Permanent, semi-permanent fresh water; marshes, swamps or bogs; rivers and streams with soft muddy banks or bottoms; often uses soft soil or clean dry sand on south-facing slopes for nest sites; may nest at some distance from water; often hibernate together in groups in mud under water; home range size ~28 ha.	**Yes**	No targeted surveys, not recorded incidentally	
Pseudacris triseriata pop. 1	Western Chorus Frog (Great Lakes / St. Lawrence - Canadian Shield Population)	THR	---	S3	OHA	The species is often found along forest opening and woodland ponds. They are also found in wet meadows, shallow marshes, swamps, and ephemeral ponds. Breeding habitat requires fishless ponds with at least 10 cm of depth. This often includes ditches, and ephemeral ponds.	**Yes**	Not recorded during amphibian calling surveys, or incidentally	
Insects									
Hemileuca sp. 1	Bogbean Buckmoth	END	END	S1	MNR Regulated Species	Open, calcareous fens (a type of wetland fed by mineralized groundwater) and low shrub fens.	No	N/A	

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Bombus terricola	Yellow-banded Bumble Bee	SC	SC	S5	NHIC	Generalist forager in open habitat.	**Yes**	No targeted surveys, not recorded incidentally	
Danaus plexippus	Monarch	END	SC	S2N,S4B	OBA	Caterpillars feed on milkweed plants and are confined to meadows and open areas where milkweed grows. Adult butterflies can be found in more diverse habitats where they feed on nectar from a variety of wildflowers. Monarchs spend the winter in Oyamel Fir forests found in central Mexico.	**Yes**	**Recorded**	Monarch was recorded incidentally to ELC surveys completed September 27 and 28, 2021. No details on the location, life stage (adult, caterpillar), or abundance were recorded. Based on the time of the year, it is likely that this record represents a migrating individual.
Gomphus quadricolor	Rapids Clubtail	END	END	S1	OOA	Clear, cool, medium-to-large rivers featuring an interspersion of gravel/cobble riffles (rapids) and quiet, muddy pools.	No	N/A	
Coccinella transversoguttata	Transverse Ladybird Beetle	---	END	S1	NHIC	The Transverse Lady Beetle is a habitat generalist, meaning its habitat is defined more by the availability of its aphid prey than by a specific environment type.	**Yes**	No targeted surveys, not recorded incidentally	Only one known Ontario record (near Sault Ste Marie) since 1990
Mammals									
Canis lupus lycaon	Algonquin Wolf	SC	THR	S4	NHIC	Large, unfragmented forests (territories up to 500 km^2), primarily the Great Lakes–St. Lawrence Forest region (deciduous and mixed forests). Highest concentration and most stable population is found in Algonquin Provincial Park and surrounding protected areas (Killarney, Kawartha Highlands).	No	N/A	
Myotis leibii	Eastern Small-footed Myotis	---	END	S2S3	MWH	Roosts in caves, mine shafts, crevices or buildings that are in or near woodland; hibernates in cold dry caves or mines; maternity colonies in caves or buildings; hunts in forests.	**Yes**	No targeted surveys, not recorded incidentally	

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Myotis lucifugus	Little Brown Myotis	END	END	S4	MWH	Uses caves, quarries, tunnels, hollow trees or buildings for roosting; winters in humid caves; maternity sites in dark warm areas such as attics and barns; feeds primarily in wetlands, forest edges.	**Yes**	No targeted surveys, not recorded incidentally	
Myotis septentrionalis	Northern Myotis	END	END	S3	MWH	Hibernates during winter in mines or caves; during summer males roost alone and females form maternity colonies of up to 60 adults; roosts in houses, manmade structures but prefers hollow trees or under loose bark; hunts within forests, below canopy.	**Yes**	No targeted surveys, not recorded incidentally	
Pipistrellus subflavus	Tri-colored Bat	END	END	S3?	MWH	Can be found in a variety of forested habitats. They form day roosts and maternity colonies in older forest and occasionally in barns or other structures, and overwinter in caves. They forage over water and along streams in the forest.	**Yes**	No targeted surveys, not recorded incidentally	
Lasinonycteris noctivagans	Silver-haired Bat	---	END	S3	MWH	Forested areas near water such as rivers, streams and ponds. They roost in trees, mines, caves and buildings.	**Yes**	No targeted surveys, not recorded incidentally	
Lasiurus borealis	Eastern Red Bat	---	END	S3	MWH	Coniferous and mixed forests and they prefer to roost in trees.	**Yes**	No targeted surveys, not recorded incidentally	
Lasiurus cinereus	Hoary Bat	---	END	S3	MWH	Forests, wetlands, and open areas. They roost near the tops of trees and hunt in clearings near water sources.	**Yes**	No targeted surveys, not recorded incidentally	
Molluscs									
Obovaria olivaria	Hickorynut	---	END	S1?	HONI	Hickorynuts live on the sandy beds in large, wide, deep rivers – usually more than two or three metres deep – with a moderate to strong current.	**Yes**	No targeted surveys, not recorded incidentally	Occurrence records for Lake Sturgeon exist for the Petawawa River (NHIC, 2025). As Lake Sturgeon are considered the host for Hickorynut molluscs larvae, the Petawawa River may provide habitat for this species as well.

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Notes
Plants									
Fraxinus nigra	Black Ash	---	END	S4	iNaturalist	Usually grows alone or in small groups in deciduous forests. It prefers moist, well-drained soil and is often found along streams. It is also found on well-drained gravel sites and rarely on dry rocky soil. This species does not do well in the shade, and often grows in sunny openings and near forest edges.	**Yes**	Not recorded during botanical surveys, or incidentally	
Juglans cinerea	Butternut	END	END	S2?	iNaturalist	Usually grows alone or in small groups in deciduous forests. It prefers moist, well-drained soil and is often found along streams. It is also found on well-drained gravel sites and rarely on dry rocky soil. This species does not do well in the shade, and often grows in sunny openings and near forest edges.	**Yes**	Not recorded during botanical surveys, or incidentally	
Physconia subpallida	Pale-bellied Frost Lichen	END	END	S2	MNR Regulated Species	Mature to old-growth deciduous forests with a sparsely vegetated understory, high humidity, and moderate to high shade. Grows almost exclusively on the bark of Hop Hornbeam (*Ostrya virginiana*—also known as Ironwood), which has bark with high pH and high moisture-holding capacity. Limited to small, isolated populations in Southeastern Ontario (e.g., Frontenac, Lanark, Renfrew counties).	No	N/A	
Panax quinquefolius	American Ginseng	END	THR	S2	Critical Habitaat mapping	Native populations are found in rich, moist deciduous woods, particularly on calcareous rocky shaded slopes.	No	Not recorded during botanical surveys, or incidentally	

[1] Federal *Species at Risk Act*, 2002.
[2] Provincial *Endangered Species Act*, 2007.
[3] Provincial Conservation Ranking (SRank) where S4 = Apparently Secure, S3=Vulnerable, S2 = Imperiled, S1 = Critically Imperiled, B = Breeding Habitat, ? = Some uncertainty with the classification due to insufficient information; SH = Possibly Extirpated; --- = species is known to occur in this nation or state/province.
[4] NHIC = Natural Heritage Information Centre (MNDMNRF, 2018), OBBA – Ontario Breeding Bird Atlas (Bird Studies Canada, 2017), MWH = Mammals of the Western Hemisphere (Patterson et al, 2007), OHA – Ontario Reptile and Amphibian Atlas (Ontario Nature, 2013), MNDMNRF Regulated Habitat - MNDMNRF Regulated Habitat (O. Reg. 242/08), OOA -Odonata by Municipality, HONI – Environmental Due Diligence Report.
[5] Availability of potential suitable habitat based on the presence of natural features identified within the Project Study Area.

Appendix F

Species of Conservation Concern Table

Table F-1: SCC and SCC Habitat Table

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Note
Birds									
Haliaeetus leucocephalus	Bald Eagle	---	SC	S2N,S4B	OBBA, NHIC	Require large continuous area of deciduous or mixed woods around large lakes, rivers; require area of 255 ha for nesting, shelter, feeding, roosting; prefer open woods with 30 to 50% canopy cover; nest in tall trees 50 to 200 km from shore; require tall, dead, partially dead trees within 400 m of nest for perching; sensitive to toxic chemicals.	**Yes**	Not recorded during breeding bird surveys, or incidentally	
Calcarius lapponicus	Lapland Longspur	---	---	S3B	NHIC	Summer breeding habitat is High Arctic Tundra in Northern Canada (including the Hudson Bay Lowlands of Ontario). Prefers wet tundra, sedge meadows, grassy tussocks, and vegetated stream/pond edges.	No	N/A	
Buteo lagopus	Rough-legged Hawk	---	---	S1B,S4N	NHIC	Breeding habitat is High Arctic Tundra and Subarctic Tundra in northern Canada (north of the tree line). Nests are bulky stick structures built on cliff ledges, bluffs, or, less often, on large trees or rocky outcrops.	No	N/A	
Fish									
none									
Herptofauna (Reptiles and Amphibians)									
none									
Insects									
Gomphaeschna furcillata	Harlequin Darner	---	---	S3	NHIC	Conifer swamps, fens, and bogs (especially cedar, alder, or cypress swamps). Larvae require these quiet, acidic or neutral wetland pools for development.	**Yes**	No targeted surveys, not recorded incidentally	No suitable habitat identified during field investigations
Helocordulia uhleri	Uhler's Sundragon	---	---	S3	NHIC	Clean, rocky, small to medium-sized forest streams and creeks with sandy and/or gravelly substrate and a moderate current.	**Yes**	No targeted surveys, not recorded incidentally	**Candidate SWH –** Potential habitat may be present, though this cannot be confirmed since detailed mapping of watercourses and assessment of their substrate/current/water quality was not completed.
Neurocordulia michaeli	Broad-tailed Shadowdragon	---	---	S2S3	NHIC	Clean, clear, medium-to-large rivers with strong, moderate currents and a substrate of coarse cobbles and gravel.	**Yes**	No targeted surveys, not recorded incidentally	**Candidate SWH –** Potential habitat may be present, though this cannot be confirmed since detailed mapping of watercourses and assessment of their substrate/current/water quality was not completed.
Ophiogomphus anomalus	Extra-striped Snaketail	---	---	S3	NHIC	Clear, cold, fast-flowing, medium-to-large rivers with very high water quality and a substrate of sand, gravel, and cobble.	**Yes**	No targeted surveys, not recorded incidentally	**Candidate SWH –** Potential habitat may be present, though this cannot be confirmed since detailed mapping of watercourses and assessment of their substrate/current/water quality was not completed.
Plants									

Scientific Name	Common Name	SARA Status[1]	ESA Status[2]	SRank[3]	Information Source[4]	Habitat	Potential Habitat (Background Review)[5]	Results of Field Investigations	Note
Ceratophyllum echinatum	Prickly Hornwort	---	---	S3?	NHIC	Quiet or slow-moving freshwater systems. Prefers acidic, softwater lakes, ponds, slow streams, and swamp/marsh pools.	No	N/A	
Cyperus houghtonii	Houghton's Flatsedge	---	---	S3	NHIC	Sandy beaches, lake/river shores, natural blowouts (wind-eroded areas), rocky balds/ledges, and anthropogenic habitats such as roadsides, railroads, old fields, and gravel pits.	**Yes**	Not recorded	
Platanthera flava	Tubercled Orchid	---	---	S3	NHIC	Wet meadows, swales, alluvial floodplains, and wet shorelines of rivers and lakes. Requires habitats maintained by natural disturbance (e.g., seasonal flooding, ice scour) to prevent heavy shade	**Yes**	Not recorded	
Rorippa aquatica	Lakecress	---	---	S3?	NHIC	Quiet, shallow water along lake margins, pools, and backwater areas of slowly moving streams/rivers.	**Yes**	Not recorded	

[1] Federal *Species at Risk Act*, 2002.
[2]Provincial *Endangered Species Act*, 2007.
[3]Provincial Conservation Ranking (SRank) where S3=Vulnerable, S2 = Imperiled, S1 = Critically Imperiled, B = Breeding Habitat, N = Non-Breeding Habitat,? = Some uncertainty with the classification due to insufficient information.
[4]NHIC = Natural Heritage Information Centre (MNDMNRF, 2018), OBBA – Ontario Breeding Bird Atlas (Bird Studies Canada, 2017), OHA – Ontario Reptile and Amphibian Atlas (Ontario Nature, 2013), OBA – Ontario Lepidoptera by Municipality, HONI – Hydro One Environmental Due Diligence Report
[5]Availability of potential suitable habitat based on the presence of natural features identified within the Project Study Area.

Appendix G

Site Photographs

Description	Photograph
Photograph 1 **September 27, 2021** Fish and Fish Habitat Station RA-RA-WC-03_RB-WC-05 This station is along Petawawa River. This photo is looking east towards the Highway 17 bridge over the Petawawa River.	
Photograph 2 **September 28, 2021** Fish and Fish Habitat Station RB-WC-09 This station is along Jorgens Creek, upstream of Brennan Lake. This photo is looking east.	

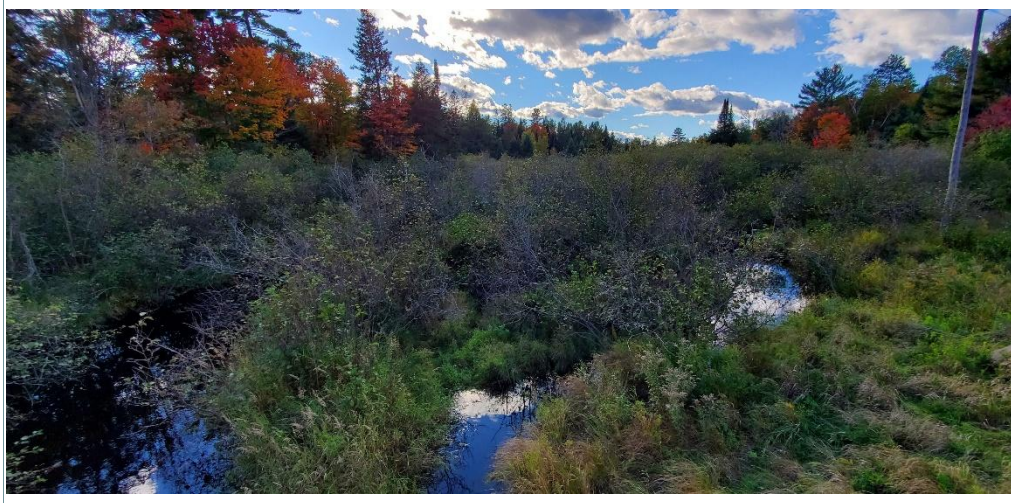
Description	Photograph
Photograph 3 **September 28, 2021** Fish and Fish Habitat Station RA-WC-08 This station is along Chalk River. This photo is looking east towards the Highway 17 bridge.	
Photograph 4 **September 28, 2021** Fish and Fish Habitat Station RA-WC-07 This station is along Young Creek. This photo is looking west.	

Description	Photograph
Photograph 5 **September 29, 2021** Fish and Fish Habitat Station – Unnamed ephemeral feature This station is along a tributary of Duke Lake. It is an ephemeral feature that was dry during the assessment. This photo is looking west towards the culvert under Highway 17.	
Photograph 6 **September 29, 2021** Fish and Fish Habitat Station RA-WC-06 This station is along Tucker Creek. This photo is looking west from the box culvert under Highway 17.	

Description	Photograph
Photograph 7 **September 27, 2021** **G033cT** *Red Pine – White Pine Conifer (Closed Canopy)*	
Photograph 8 **September 27, 2021** **G033cT – Plantation** *Red Pine – White Pine Conifer* (Plantation) (Closed Canopy)	

Description	Photograph
Photograph 9 **September 28, 2021** **G043T** *Mixedwood*	
Photograph 10 **September 28, 2021** **G043cT** *Mixedwood (Closed Canopy)*	

Description	Photograph
Photograph 11 **September 28, 2021** **G128TI** *Intermediate Conifer Swamp*	
Photograph 12 **September 27, 2021** **G131TI** *Maple Hardwood Swamp* *South side of Paquette Road, west of Highway 17. Looking south from Paquette Road.*	

Description	Photograph
Photograph 13 **September 28, 2021** **G134S** *Mineral Thicket Swamp*	
Photograph 14 September 27, 2021 **G148N** *Mineral Shallow Marsh* *South side of Paquette Road, west of Highway 17. Looking south from Paquette Road.*	

Description	Photograph
Photograph 15 **September 29, 2021** **G110N** *Meadow*	
Photograph 16 **September 27, 2021** **OA** Open Aquatic Petawawa River, looking north, located west of the Highway 17 bridge	

Description	Photograph
Photograph 17 **September 27, 2021** **G043sT** Mixedwood (Sparse treed)	

Appendix C Electric and Magnetic Fields Information Sheet

Health & Safety

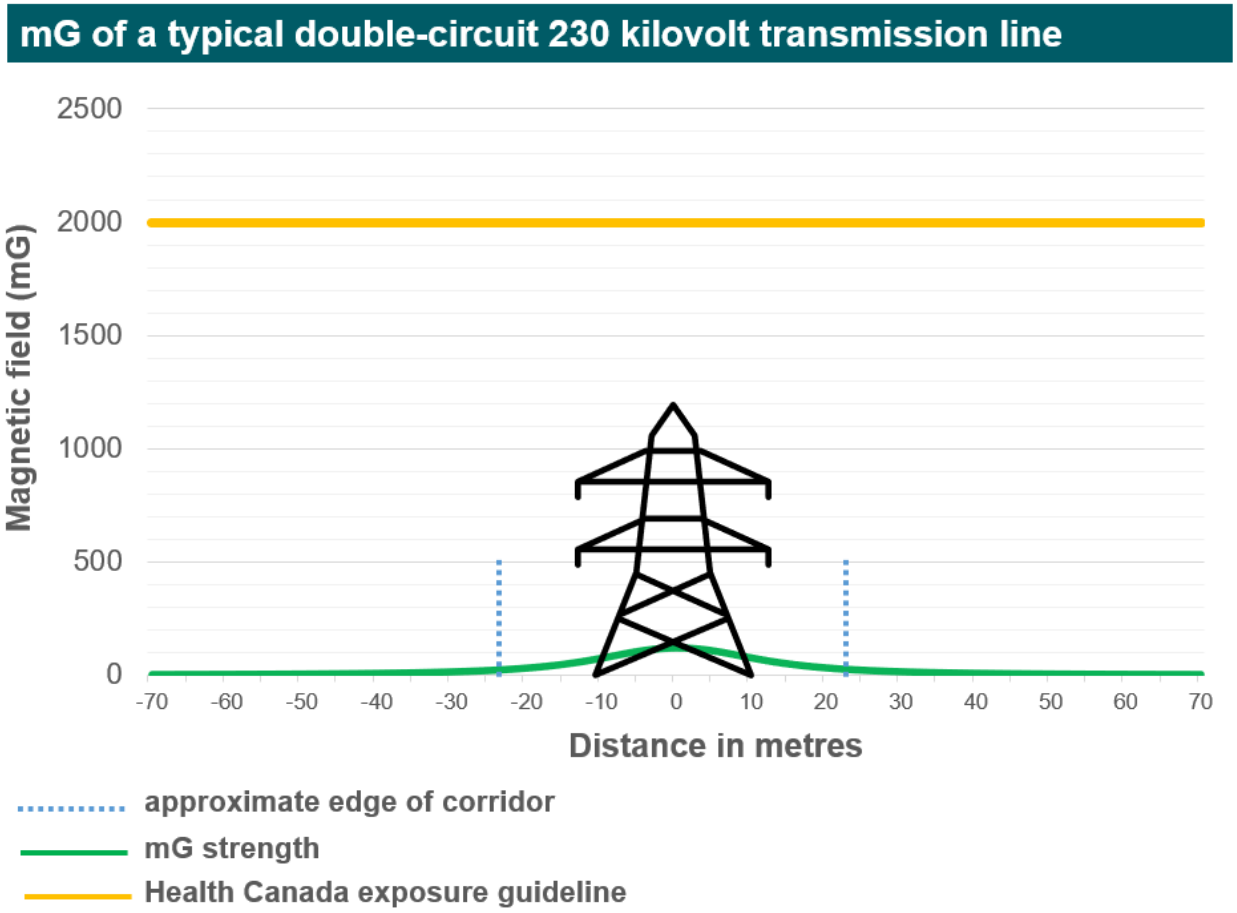
Health & safety background

- Everything is rooted in safety at Hydro One.
- Hydro One has a dedicated team that regularly monitors global studies around electric and magnetic fields (EMF) and ensures that our infrastructure is built and maintained following best practices and industry standards.
- We look to **Health Canada**, the **World Health Organization** and the **International Commission on Non-Ionizing Radiation Protection** (ICNIRP), for guidance on EMF and our approach.
- Based on global studies which have and continue to be regularly monitored, these organizations indicate that members of the public do not need to take precautions to protect from fields produced by extremely low frequencies such as transmission lines.

Key facts

- Electricity produces fields which are referred to as EMFs. **EMFs are invisible forces found everywhere electricity is used** including household appliances, power cords, and wires.
- They are strongest when close to their source. As you move away from the source, the **strength of the fields fades rapidly**.
- In North America, all electricity including transmission lines, operate at 60 hertz, which is considered to be extremely low frequency.
- World Health Organization (WHO) states that “despite extensive research, to date there is **no evidence** to conclude that exposure to low level electromagnetic fields is harmful to human health.”
- Health Canada states that members of the public do not need to take precautions to protect from fields produced by electricity (extremely low frequency) because exposures are far below the limits recommended by the ICNIRP guidelines (The International Commission on Non-Ionizing Radiation Protection)
- ICNIRP’s guidelines indicate that general exposure at low frequency, such as transmission lines, should **not exceed a level of 2000 milligauss** (mG).
- To help further put this into context, household appliances such as a **vacuum operates at 300 mG**, a microwave at 200 mG and a washing machine at 20 mG.

Below is an example chart that shows a double-circuit 230kV transmission line. The green line represents magnetic field modelling as it extends from under the wires and to the edge of the right-of-way. This modelling is compared against Health Canada's recommended limit of 2000 mG (yellow horizontal line). The tower represents the middle of the transmission line.



Common household sources of magnetic fields

Appliance	Median mG
Electric Ovens	9 mG at 6 inches
Coffee Makers	7 mG at 6 inches
Refrigerators	2 mG at 6 inches
Vacuum Cleaner	300 mG at 6 inches
Microwave	200 mG at 6 inches
Portable Heater	100 mG at 6 inches
Washing Machines	20 mG at 6 inches

EMF and the Natural Environment

The World Health Organization has studied EMF effects on species and the natural environment.

Their findings include:

- **little or no evidence** of significant environmental impact to aquatic ecosystems
- **no effects** to plants at the levels normally found in the environment, nor even at field levels directly under power lines up to 765 kV
- **no adverse effects** found on cattle grazing below power lines

Additional resources

- https://www.hydroone.com/power-outages-and-safety/corporate-health-and-safety/electric-and-magnetic-fields
- https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/power-lines-electrical-appliances.html
- https://www.who.int/news-room/questions-and-answers/item/radiation-electromagnetic-fields
- https://www.icnirp.org/cms/upload/publications/ICNIRPLFgdl.pdf
- https://www.jeic-emf.jp/documents/pdf/fact_sheet_Effects%20of%20EMF%20on%20the%20environment.pdf

We are committed to understanding and addressing any health concerns individuals may have. In the meantime, if you have any questions, please contact Hydro One's Community Relation's team:

1-877-345-6799
Community.Relations@HydroOne.com
HydroOne.com/Orleans