

AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

THE CURRENT VIEW OF THE FACILITY IS APPROXIMATE. FACILITY SIZE AND ORIENTATION WILL BE FURTHER REFINED DURING DETAILED ENGINEERING TO AVOID OVERLAP WITH EXISTING ROADS AND OTHER INFRASTRUCTURE, AND TO ALIGN WITH PROPERTY BOUNDARIES BASED ON DISCUSSIONS WITH POTENTIALLY AFFECTED LANDOWNERS.  
PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

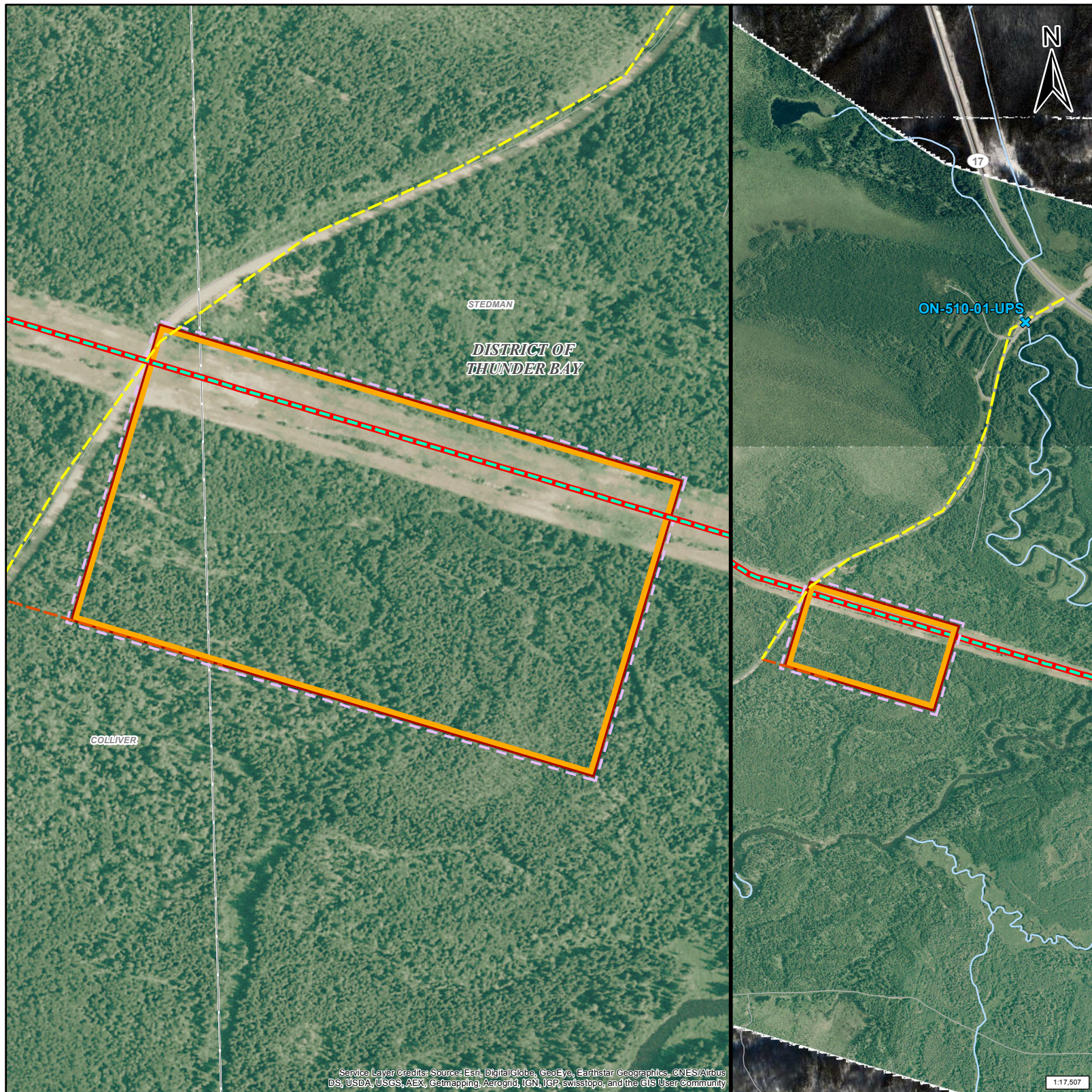
LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION
			PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
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			SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
			TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
			PROVINCIAL PARK / PARC PROVINCIAL

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED CROWN JAF/2 TO 3	324 Projet Oléoduc Énergie Est de TransCanada – section québécoise 6211-18-018
SOIL / SOL	DESCRIPTION / DESCRIPTION	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE.	
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.	
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL		NO SPECIAL MATERIAL HANDLING REQUIRED.	
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		NO VEGETATION OR WETLAND RESOURCES IDENTIFIED. TIMBER SALVAGE: TO BE DETERMINED	
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 21 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.	
FISHERIES / FAUNE AQUATIQUE		NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.	
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.	
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.	
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		POTENTIAL RISK FOR HIGH WATER EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN.	
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED	
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.	
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.	

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
<p>FSTy03 to 4 ← SLOPE CLASS / CLASSE DE PENTE</p> <p>↑ PHASE / PHASE</p> <p>↑ SOIL SERIES / SÉRIE DE SOLS</p>	<p>1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET.</p> <p>2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.</p> <p>3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.</p>

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 15	SATURNI / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 	ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.				DATE / DATE 20151123	Ontario Pump Station / Station de pompage
0 100 200 300 Metres / Mètres - 1:5,000 Original Page Size / Taille de page originale: 11 x 17				PREPARED FOR / PRÉPARE POUR 	30-Martin
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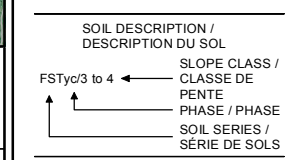
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LEGEND / LÉGENDE

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- WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
- WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES
- ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
- GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
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- CONVERSION PIPELINE / PIPELINE DE CONVERSION
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- PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION
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ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	THU/1
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL <sup>1</sup>	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL <sup>2</sup>	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	NO VEGETATION OR WETLAND RESOURCES IDENTIFIED. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE	ON-510-01-UPS: UNNAMED TRIBUTARY TO FIRESTEEL RIVER / FISH HABITAT / RAP: APRIL 1 TO JUNE 20.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

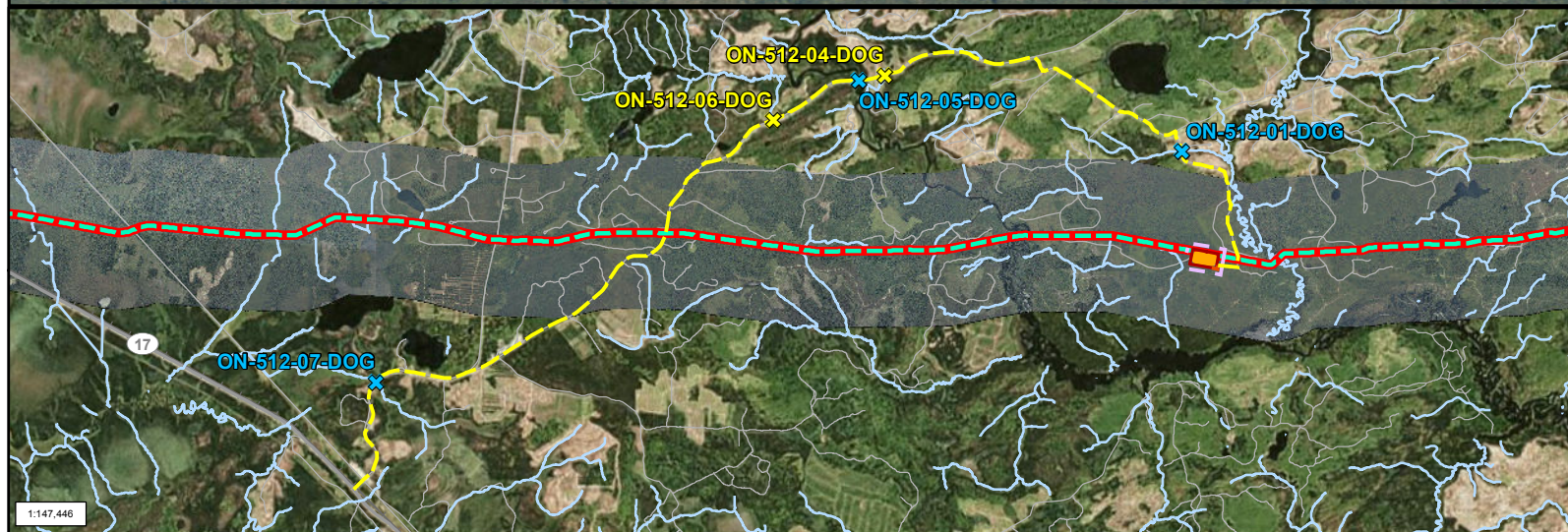
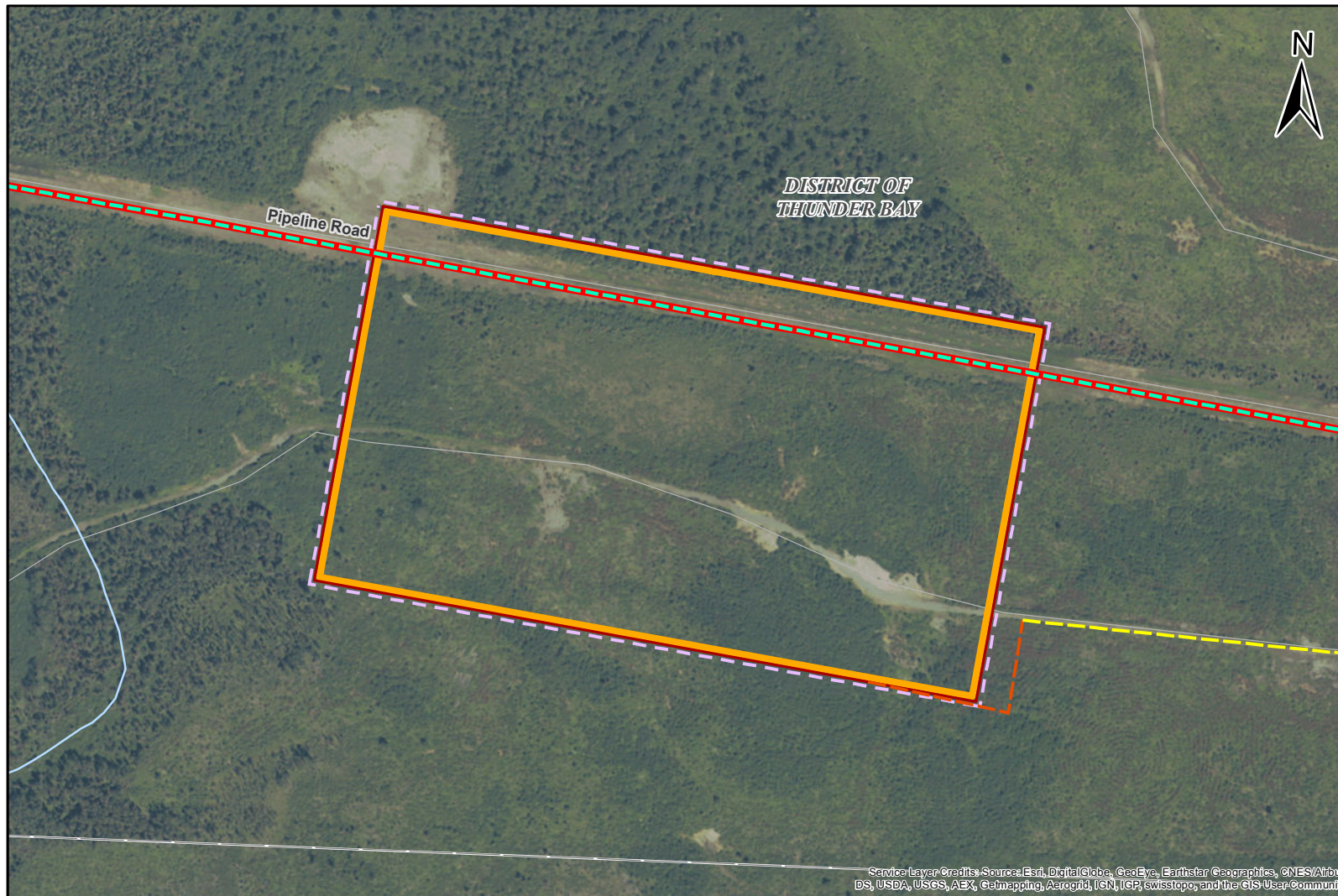


FOOTNOTES / NOTES:

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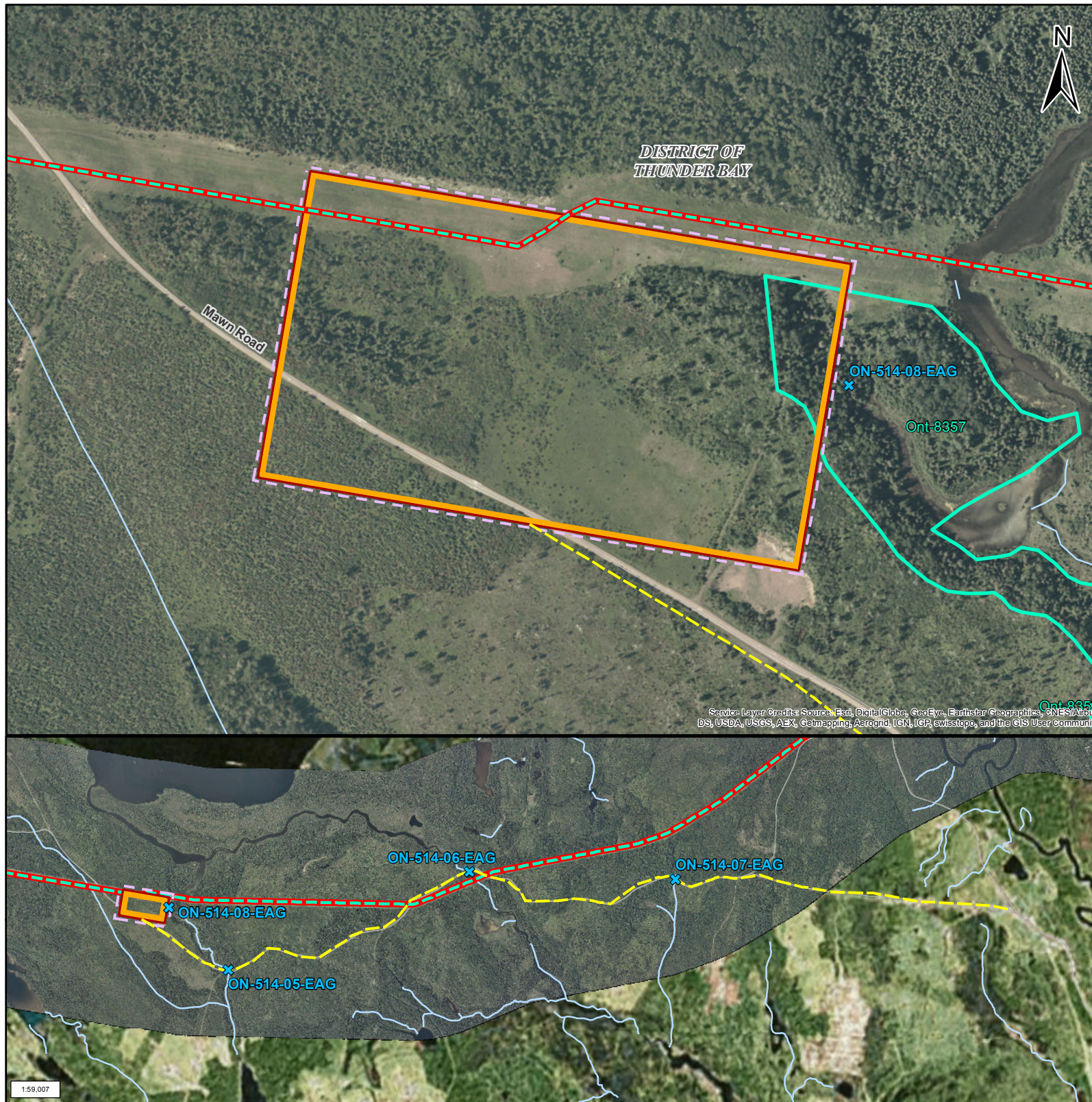
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	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
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			PROVINCIAL PARK / PARC PROVINCIAL

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED CROWN
SOIL / SOL	DESCRIPTION / DESCRIPTION	GLN/2 TO 5
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
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FISHERIES / FAUNE AQUATIQUE		ON-512-01-DOG: UNNAMED TRIBUTARY TO RIVIÈRE DES ÎLES / FISH HABITAT / RAP: APRIL 1 TO JUNE 20. ON-512-04-DOG: NO VISIBLE CHANNEL / NOT FISH HABITAT / NO RAP. ON-512-05-DOG: DOG RIVER / FISH HABITAT / RAP: APRIL 1 TO JUNE 20. ON-512-06-DOG: NO VISIBLE CHANNEL / NOT FISH HABITAT / NO RAP. ON-512-07-DOG: UNNAMED TRIBUTARY TO SAVANNE RIVER / FISH HABITAT / RAP: APRIL 1 TO JUNE 20.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		POTENTIAL RISK FOR HIGH WATER EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
<p>SLOPE CLASS / CLASSE DE PENTE</p> <p>PHASE / PHASE</p> <p>SOIL SERIES / SÉRIE DE SOLS</p> <p>FSTy03 to 4</p>	<p>1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET.</p> <p>2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.</p> <p>3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.</p>

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<p>ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST</p> <p>Environmental Figure / Figure des considérations environnementales</p> <p>Ontario Pump Station / Station de pompage</p> <p>32-Dog River</p> <p>Page / Page 7 of / de 30</p>				





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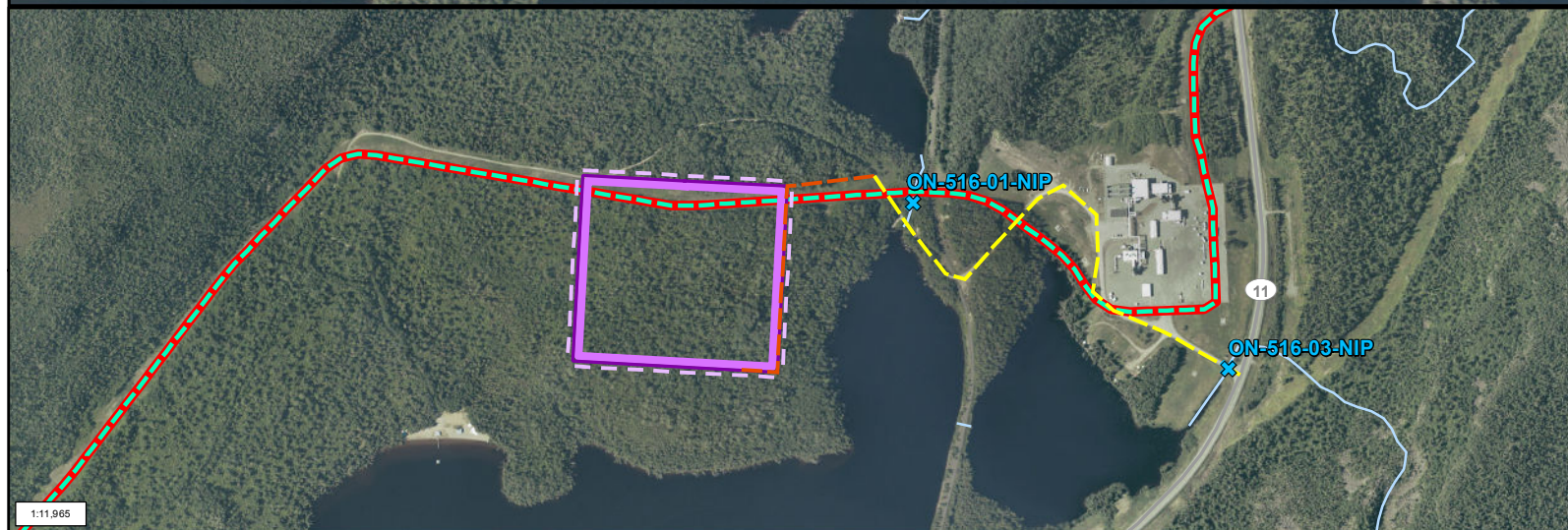
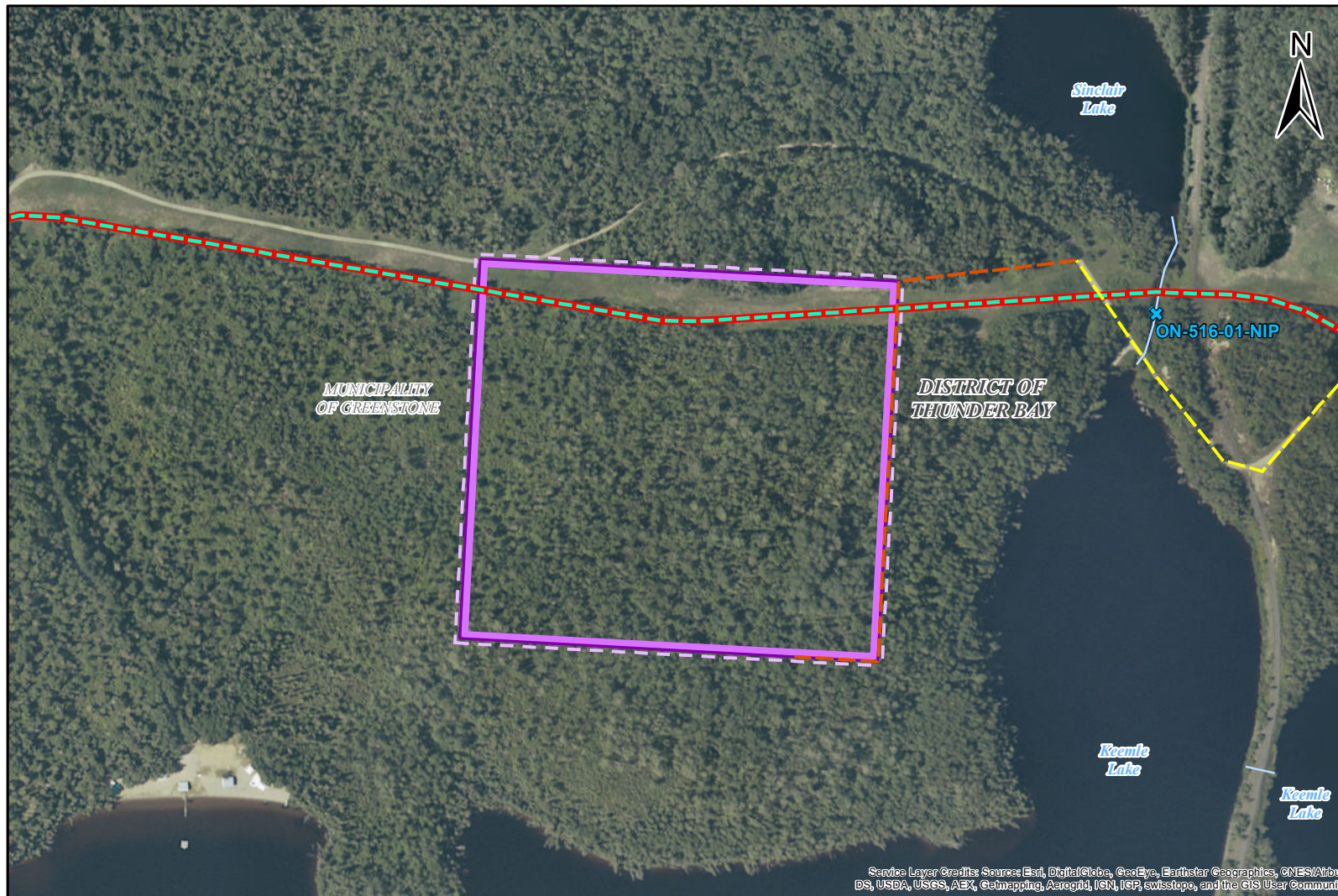
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ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED CROWN
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	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL <sup>1</sup>	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL <sup>2</sup>		NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		ONT-8357: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE		ON-514-05-EAG: UNNAMED TRIBUTARY TO SHILLABEER CREEK / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-514-06-EAG: UNNAMED TRIBUTARY TO FOG LAKE / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-514-07-EAG: UNNAMED TRIBUTARY TO FOG LAKE / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-514-08-EAG: UNNAMED TRIBUTARY TO FOG LAKE / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-614-08-EAG: NO IN-WATER OR NEAR-WATER WORK UNLESS OTHERWISE APPROVED BY APPROPRIATE REGULATORY AGENCY. MAINTAIN RIPARIAN BUFFER OF 30 M.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		POTENTIAL RISK FOR HIGH WATER EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL		FOOTNOTES / NOTES:	
FSTy3 to 4	SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS	1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTENUATION LIÉES AU PROJET. 2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS. 3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.	

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	GATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 	ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales Ontario Pump Station / Station de pompage 33-Eagle Head Page / Page 8 of / de 30
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 		
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AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

THE CURRENT VIEW OF THE FACILITY IS APPROXIMATE. FACILITY SIZE AND ORIENTATION WILL BE FURTHER REFINED DURING DETAILED ENGINEERING TO AVOID OVERLAP WITH EXISTING ROADS AND OTHER INFRASTRUCTURE, AND TO ALIGN WITH PROPERTY BOUNDARIES BASED ON DISCUSSIONS WITH POTENTIALLY AFFECTED LANDOWNERS.

PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

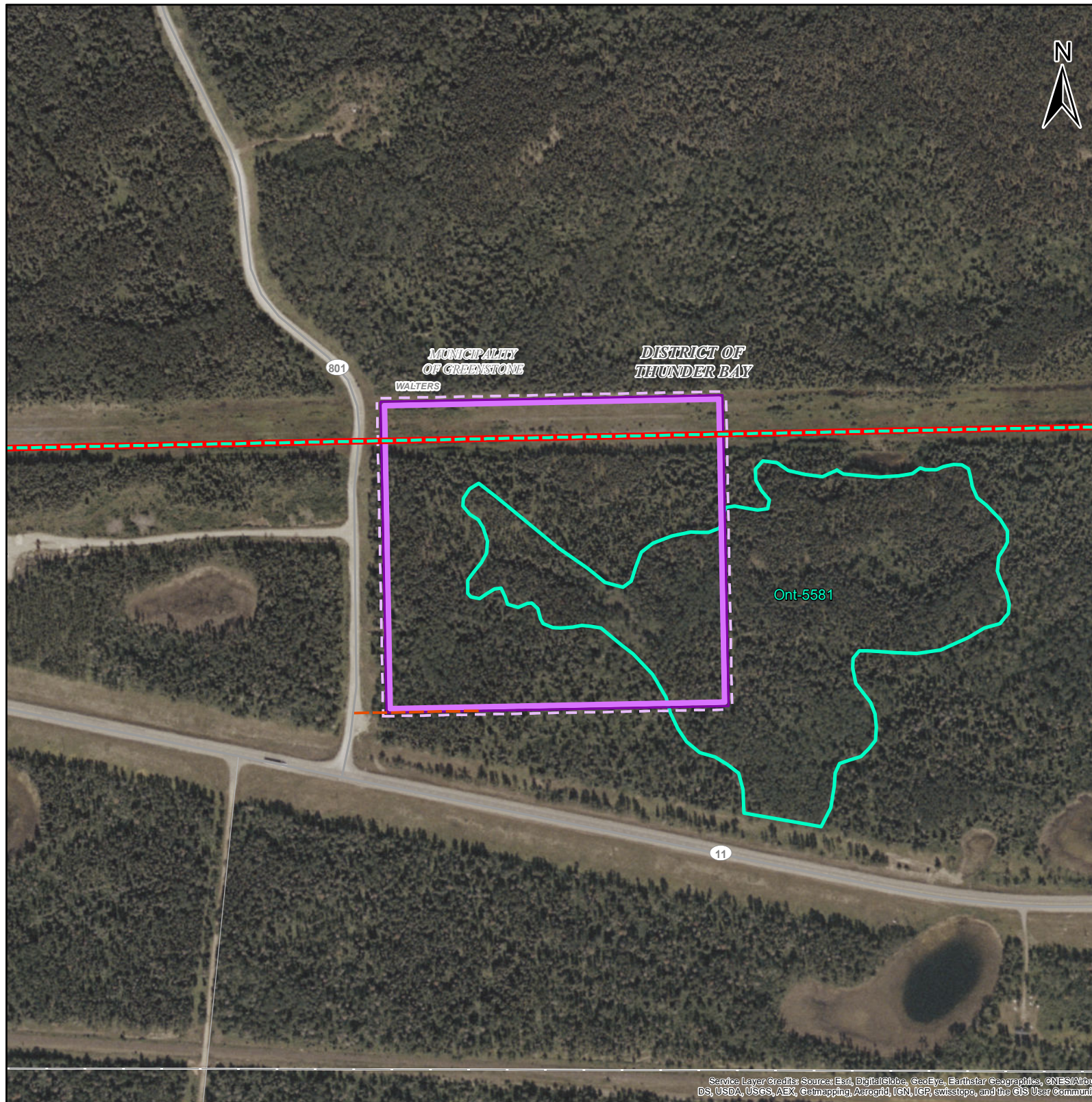
LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
			PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
			PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
			SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
			TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
			PROVINCIAL PARK / PARC PROVINCIAL
			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED CROWN
SOIL / SOL	DESCRIPTION / DESCRIPTION	WFP/3 TO 4
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
	SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
	VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	NO VEGETATION OR WETLAND RESOURCES IDENTIFIED. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.  LAKE SUPERIOR UPLANDS LINKAGE CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE.	
FISHERIES / FAUNE AQUATIQUE	ON-516-01-NIP: KEEMLE CREEK / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-516-03-NIP: UNNAMED TRIBUTARY TO KEEMLE LAKE / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15.	
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.	
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.	
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	POTENTIAL RISK FOR HIGH WIND EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN.	
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED	
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.	
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.	

SOIL DESCRIPTION / DESCRIPTION DU SOL		FOOTNOTES / NOTES:	
FSTy3 to 4	SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS	1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET. 2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS. 3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.	

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	SATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 	ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales Ontario Pump Station / Station de pompage 34-Nipigon Page / Page 9 of / de 30
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 		
<p>0 100 200 300 Metres / Mètres - 1:5,000 Original Page Size / Taille de page originale: 11 x 17</p>					





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AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
			PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
			PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
			SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
			TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
			PROVINCIAL PARK / PARC PROVINCIAL
			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED CROWN
DESCRIPTION / DESCRIPTION		WFPGLXL/2 TO 3
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL		1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL		NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		ONT-5581: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. NIPIGON CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE		NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL		FOOTNOTES / NOTES:	
FSTYor3 to 4	SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS	1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTENUATION LIÉES AU PROJET. 2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS. 3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.	

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	SATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 	

ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST

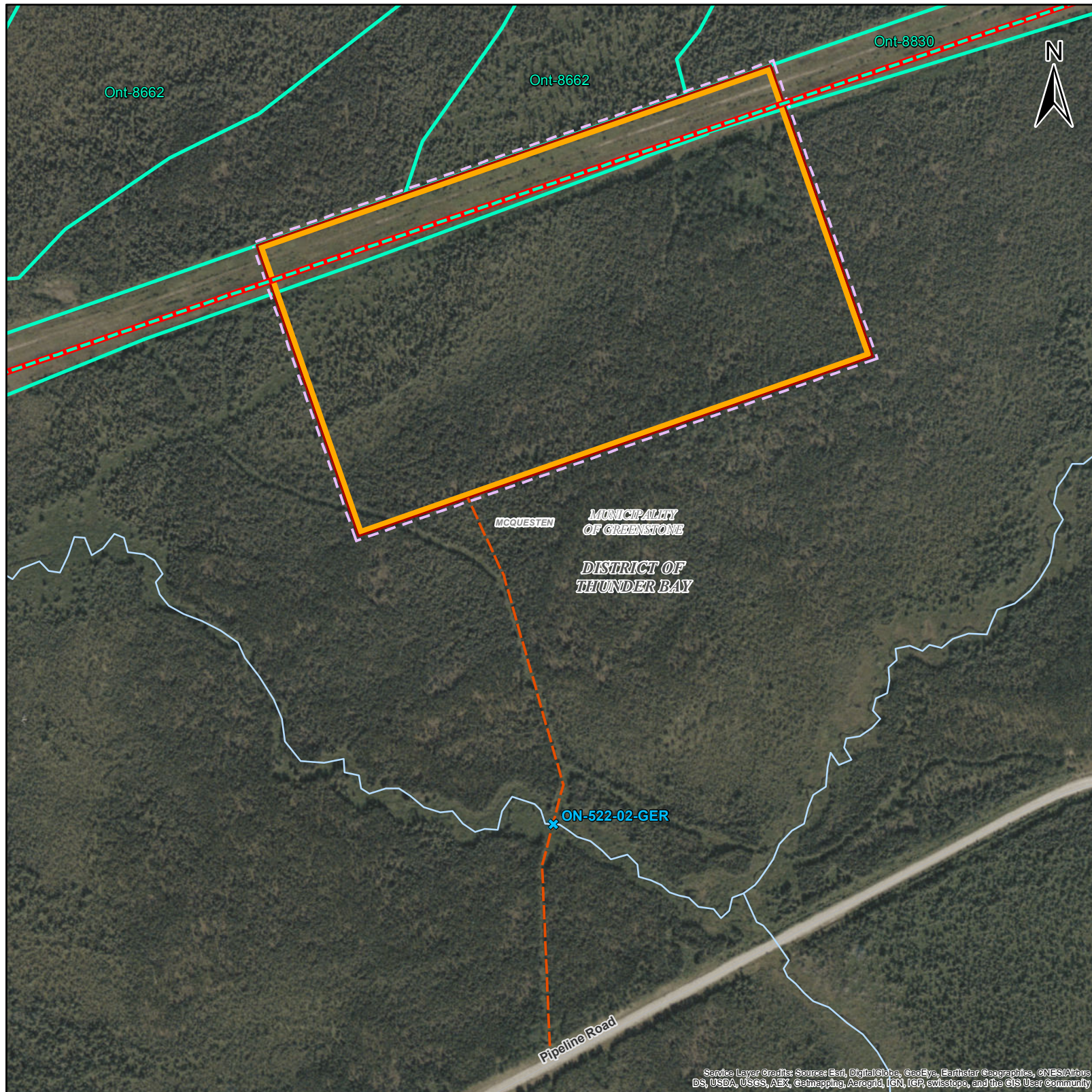
Environmental Figure / Figure des considérations environnementales

Ontario Pump Station / Station de pompage

35-Jellicoe

Page / Page 10 of / de 30





AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

LEGEND / LÉGENDE	
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
	WETLAND / MILIEU HUMIDE
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	CONVERSION PIPELINE / PIPELINE DE CONVERSION
	NEW PIPELINE / NOUVEAU PIPELINE
	PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	FRL/3 TO 4
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL <sup>1</sup>	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL <sup>2</sup>	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-8830 & ONT-8662: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. LAKE SUPERIOR UPLANDS LINKAGE CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE	ON-522-02-GER: UNNAMED TRIBUTARY TO ASHMORE CREEK / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
FSTyp3 to 4 SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS	1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET. 2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS. 3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	SATURNI / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Basis data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 	
 ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales Ontario Pump Station / Station de pompage 36-Geraldton Page / Page 11 of / de 30				





Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

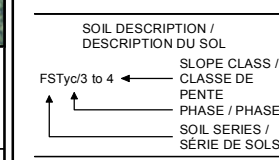
AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
			PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
			PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
			SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
			TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
			PROVINCIAL PARK / PARC PROVINCIAL
			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	FDK/2
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-8601 & ONT-8831: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. PAGWACHUAN CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE. BARS (BARN SWALLOW): OBTAIN A PERMIT (OR FOLLOW THE REGISTRY PROCESS) UNDER THE ONTARIO ENDANGERED SPECIES ACT (2007). COMPLY WITH ENDANGERED SPECIES ACT PERMITS AND RECOVERY STRATEGIES FOR BARN SWALLOW AS APPLICABLE
FISHERIES / FAUNE AQUATIQUE	NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	POTENTIAL RISK FOR HIGH WIND EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

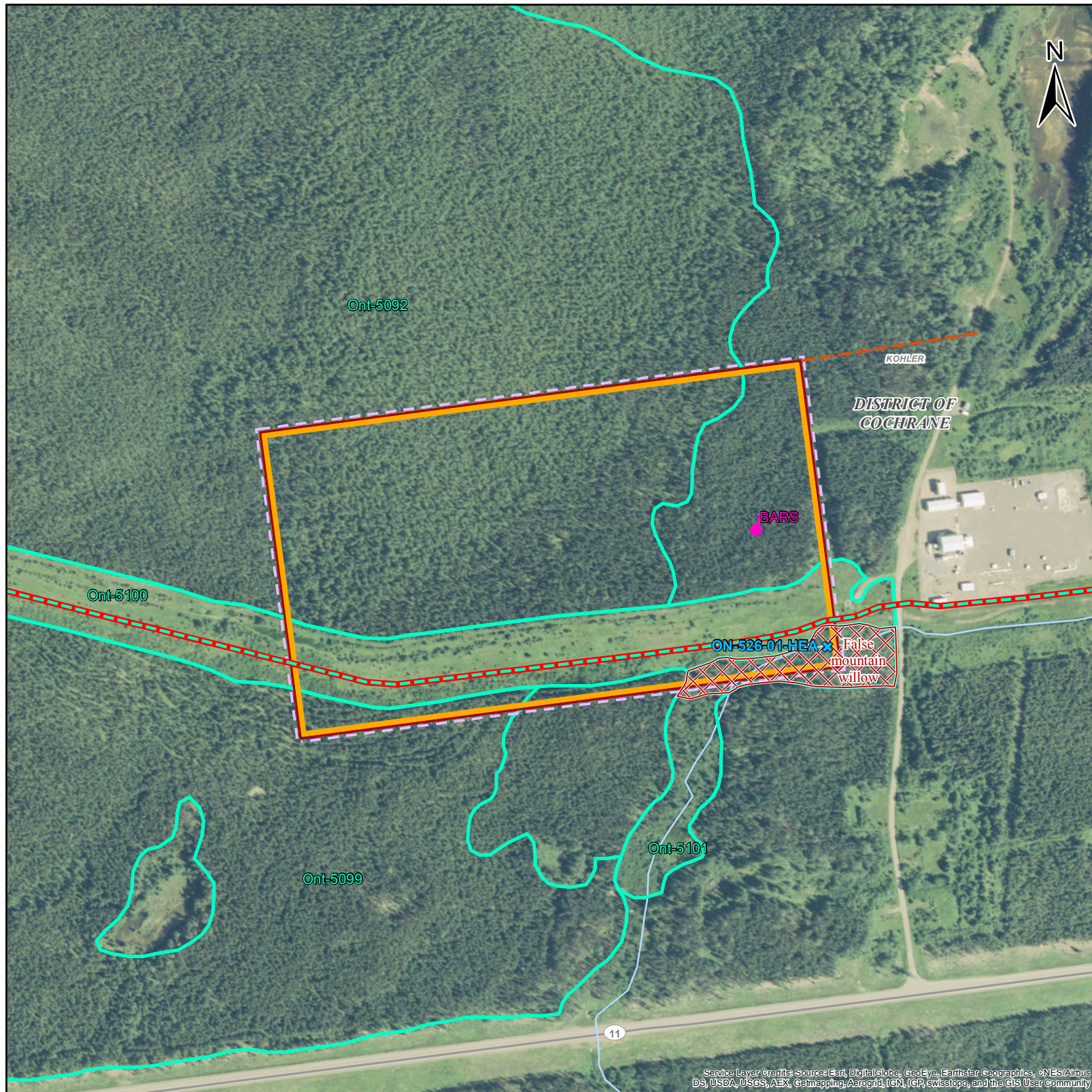


FOOTNOTES / NOTES:

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- SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.
- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	GATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
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AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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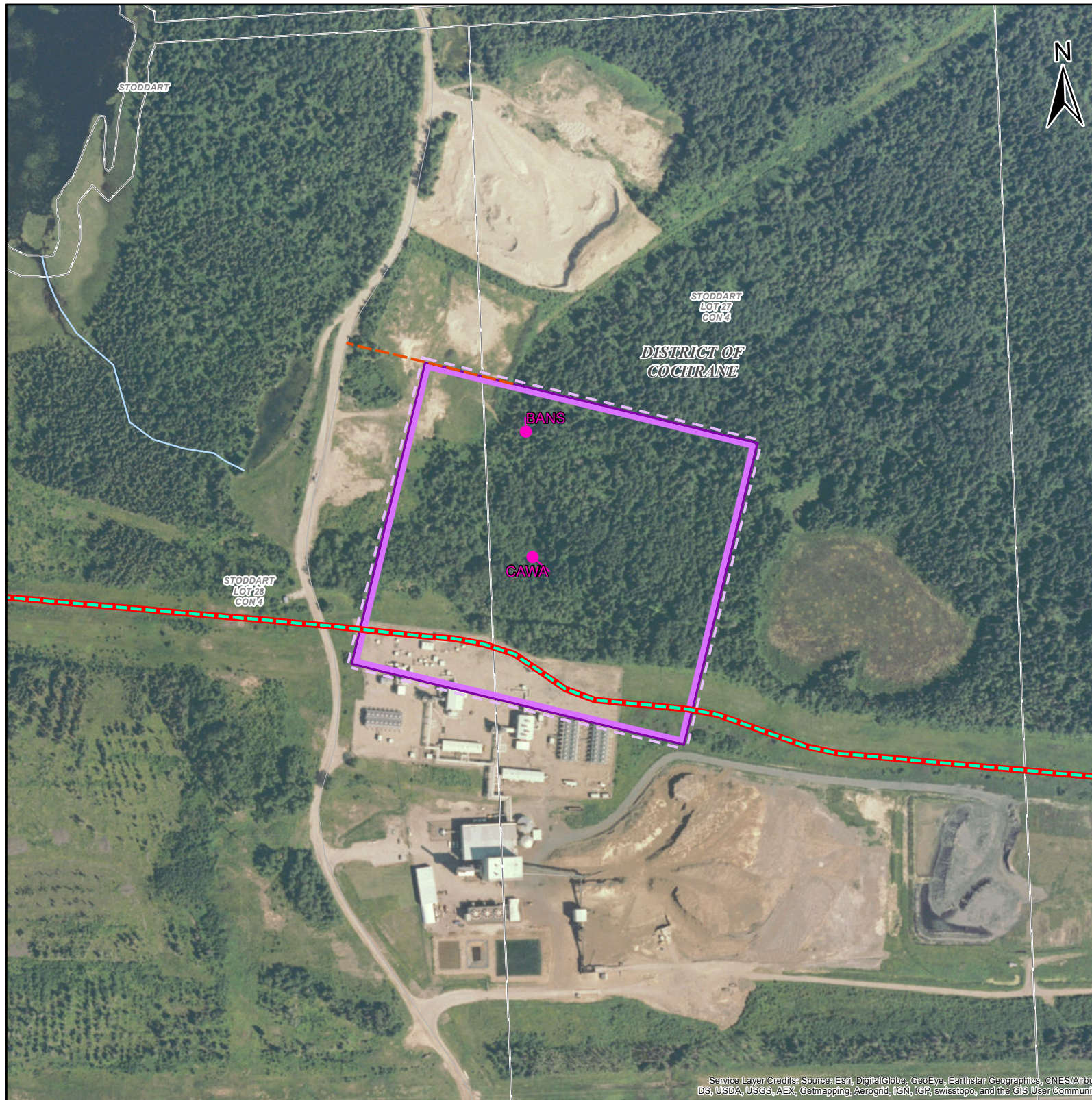
LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ		SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ		TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL		PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	VTA/2
SOIL / SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-5092, ONT-5099, ONT-5100 & ONT-5101: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED IF ECMC SPECIES ARE PRESENT CONSULT WITH REGULATORS TO DEVELOP MITIGATION OPTIONS SUCH AS SEED COLLECTION, PROPAGATING OR TRANSPLANTING SEEDS, OR LIVE PLANTS PRIOR TO CONSTRUCTION. OBTAIN PERMITS AND COMPLETE MITIGATION FOR UNAVOIDABLE DIRECT LOSSES OF ECMC PRIOR TO CONSTRUCTION, AS APPLICABLE.
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. PAGWACHUAN CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE. BARS (BARN SWALLOW): OBTAIN A PERMIT (OR FOLLOW THE REGISTRY PROCESS) UNDER THE ONTARIO ENDANGERED SPECIES ACT (2007). COMPLY WITH ENDANGERED SPECIES ACT PERMITS AND RECOVERY STRATEGIES FOR BARN SWALLOW AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE	ON-526-01-HEA: UNNAMED TRIBUTARY TO FRASER RIVER / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 15. ON-526-01-HEA: NO IN-WATER OR NEAR-WATER WORK UNLESS OTHERWISE APPROVED BY APPROPRIATE REGULATORY AGENCY. MAINTAIN RIPARIAN BUFFER OF 30 M.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
FSTyr3 to 4 SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS	1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET. 2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS. 3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 16	SATURNI / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
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ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales Ontario Pump Station / Station de pompage 38-Hearst Page / Page 13 of / de 30				





Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

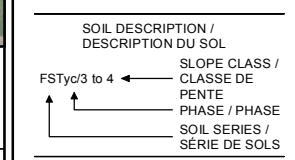
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LEGEND / LÉGENDE	
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
	WETLAND / MILIEU HUMIDE
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	CONVERSION PIPELINE / PIPELINE DE CONVERSION
	NEW PIPELINE / NOUVEAU PIPELINE
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL
	PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED PRIVATE
SOIL / SOL	DESCRIPTION / DESCRIPTION	SCO3
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL		NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		NO VEGETATION OR WETLAND RESOURCES IDENTIFIED. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. BANS (BANK SWALLOW): OBTAIN A PERMIT (OR FOLLOW THE REGISTRY PROCESS) UNDER THE ONTARIO ENDANGERED SPECIES ACT (2007). COMPLY WITH ENDANGERED SPECIES ACT PERMITS AND RECOVERY STRATEGIES FOR BANK SWALLOW AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE		NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

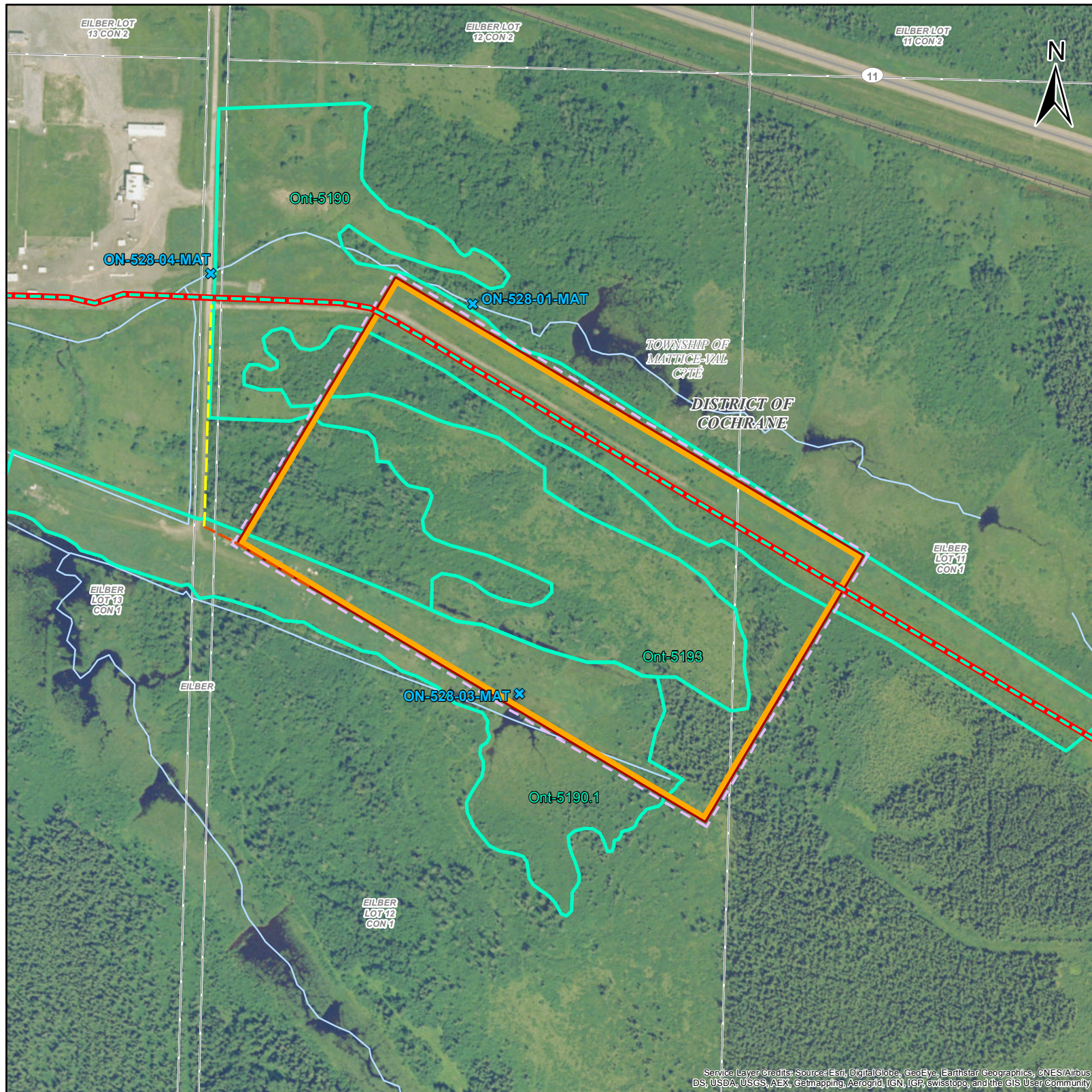


FOOTNOTES / NOTES:

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- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

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AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

THE CURRENT VIEW OF THE FACILITY IS APPROXIMATE. FACILITY SIZE AND ORIENTATION WILL BE FURTHER REFINED DURING DETAILED ENGINEERING TO AVOID OVERLAP WITH EXISTING ROADS AND OTHER INFRASTRUCTURE, AND TO ALIGN WITH PROPERTY BOUNDARIES BASED ON DISCUSSIONS WITH POTENTIALLY AFFECTED LANDOWNERS.

PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

LEGEND / LÉGENDE	
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
	WILDLIFE FEATURE / ÉLÉMENTS FAUNIQUES
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
	WETLAND / MILIEU HUMIDE
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	CONVERSION PIPELINE / PIPELINE DE CONVERSION
	NEW PIPELINE / NOUVEAU PIPELINE
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED PRIVATE
DESCRIPTION / DESCRIPTION	SHD/1
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-5190, ONT-5190.1 & ONT-5193: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE	ON-528-01-MAT: HAMILTON CREEK / FISH HABITAT / RAP: APRIL 1 TO JUNE 20. ON-528-03-MAT: UNNAMED TRIBUTARY TO HAMILTON CREEK / FISH HABITAT / RAP: TBD. ON-528-04-MAT: HAMILTON CREEK / FISH HABITAT / RAP: APRIL 1 TO JUNE 20. ON-528-01-MAT, ON-528-03-MAT: NO IN-WATER OR NEAR-WATER WORK UNLESS OTHERWISE APPROVED BY APPROPRIATE REGULATORY AGENCY. MAINTAIN RIPARIAN BUFFER OF 30 M.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

RESOURCES AND CONSTRUCTION MITIGATION MEASURES / RESSOURCES ET MESURES D'ATTENUATION EN PÉRIODE DE CONSTRUCTION

SOIL DESCRIPTION / DESCRIPTION DU SOL

SLOPE CLASS / CLASSE DE PENTE

PHASE / PHASE

SOIL SERIES / SÉRIE DE SOLS

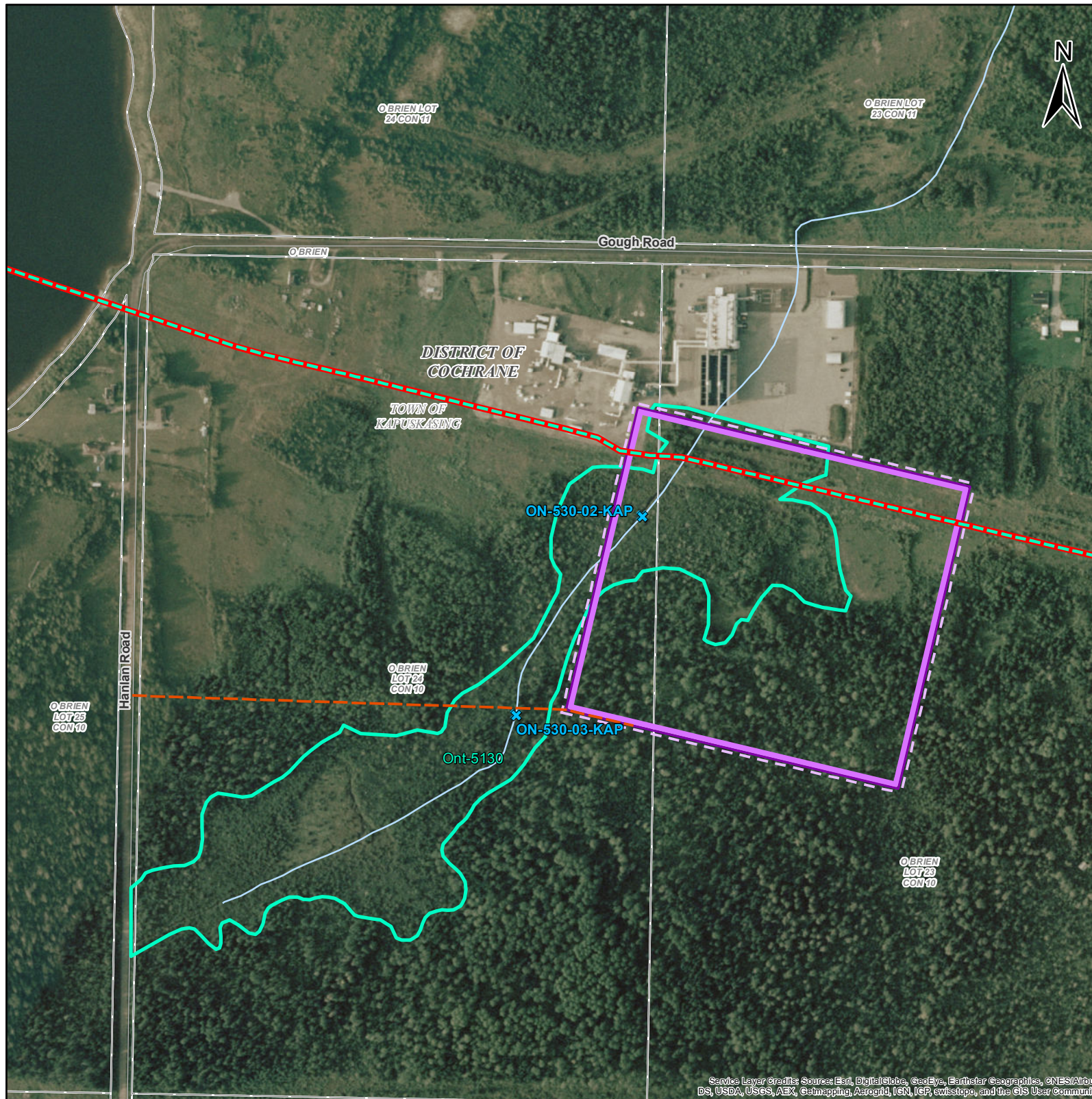
FOOTNOTES / NOTES:

- REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTENUATION LIÉES AU PROJET.
- SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.
- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 17	GATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 	

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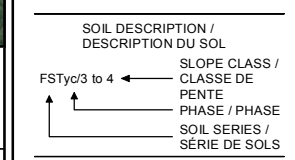
AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

LEGEND / LÉGENDE	
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
	WETLAND / MILIEU HUMIDE
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	CONVERSION PIPELINE / PIPELINE DE CONVERSION
	NEW PIPELINE / NOUVEAU PIPELINE
	PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED PRIVATE
SOIL / SOL	DESCRIPTION / DESCRIPTION	SHD/2 TO 3
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL		NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		ONT-5130: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE		ON-530-02-KAP: UNNAMED TRIBUTARY TO KAPUSKASING RIVER / FISH HABITAT / RAP: MAY 15 TO JULY 15. ON-530-03-KAP: UNNAMED TRIBUTARY TO KAPUSKASING RIVER / FISH HABITAT / RAP: MAY 15 TO JULY 15. ON-530-02-KAP: NO IN-WATER OR NEAR-WATER WORK UNLESS OTHERWISE APPROVED BY APPROPRIATE REGULATORY AGENCY. MAINTAIN RIPARIAN BUFFER OF 30 M.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.



FOOTNOTES / NOTES:

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- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 17	GATUMI / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 	

ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST

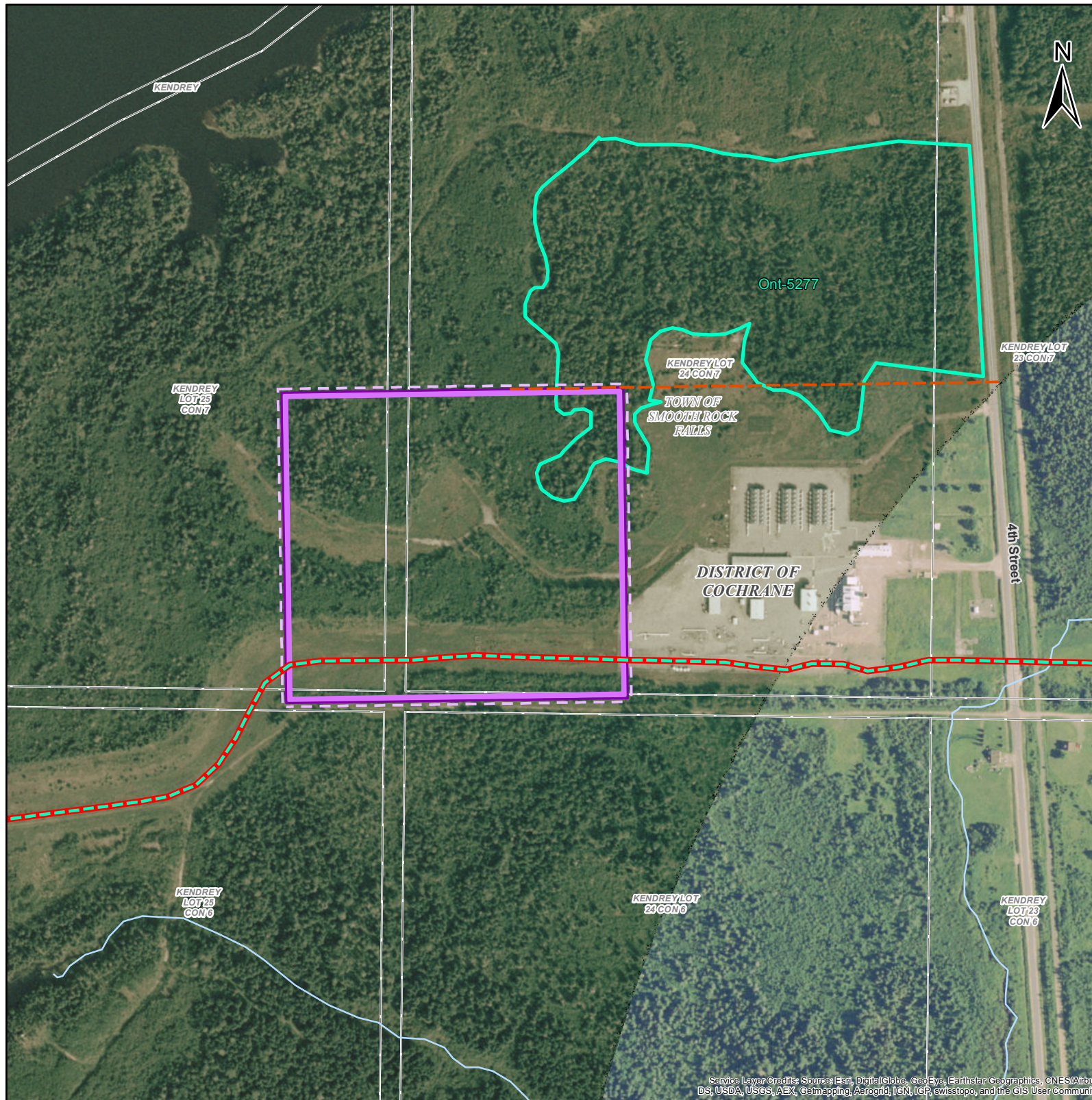
Environmental Figure / Figure des considérations environnementales

Ontario Pump Station / Station de pompage

41-Kapuskasing

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AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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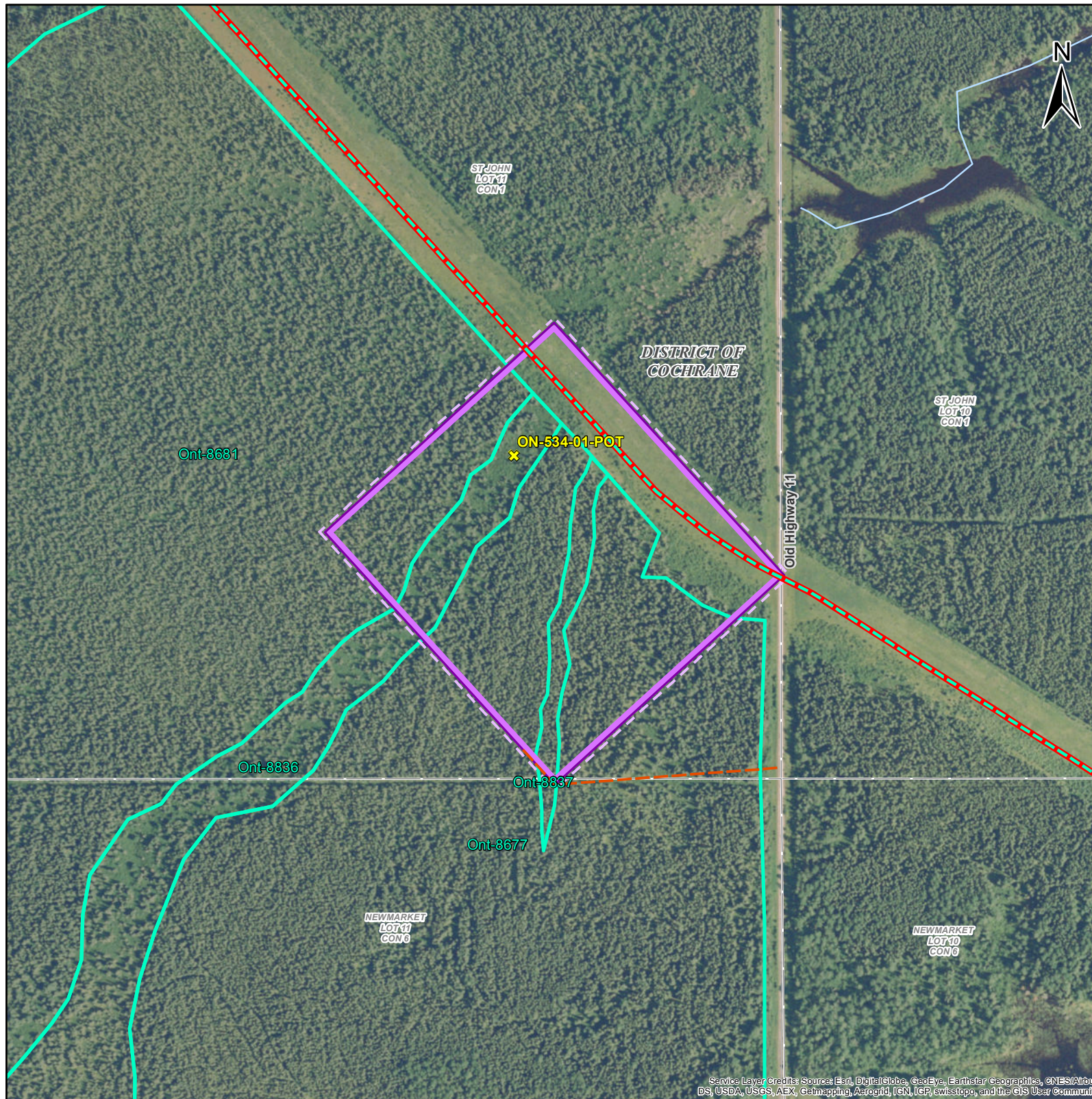
LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
			PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
			PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
			SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
			TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
			PROVINCIAL PARK / PARC PROVINCIAL
			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED PRIVATE
DESCRIPTION / DESCRIPTION	SHD/1
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-5277: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. KESAGAMI CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE	NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
<p>SLOPE CLASS / CLASSE DE PENTE PHASE / PHASE SOIL SERIES / SÉRIE DE SOLS</p> <p>FSTy3 to 4</p>	<p>1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET.</p> <p>2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.</p> <p>3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.</p>

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 17	GATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE 20151123	PREPARED FOR / PRÉPARE POUR 	
<p>ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST</p> <p>Environmental Figure / Figure des considérations environnementales</p> <p>Ontario Pump Station / Station de pompage</p> <p>42-Smooth Rock Falls</p> <p>Page / Page 17 of / de 30</p>				





ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	FOR/1 TO 2
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-8677, ONT-8681, ONT-8836 & ONT-8837: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN. KESAGAMI CARIBOU RANGE - CONSULT WITH APPROPRIATE AGENCIES FOR WORK WITHIN CARIBOU RANGES; COMPLY WITH ANY RECOVERY STRATEGIES AND PERMITS AS APPLICABLE.
FISHERIES / FAUNE AQUATIQUE	ON-534-01-POT: NO VISIBLE CHANNEL / NOT FISH HABITAT / NO RAP.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	NO SPECIAL CONSTRUCTION CONSIDERATIONS FOR THIS SITE. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	TO BE DETERMINED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

RESOURCES AND CONSTRUCTION MITIGATION MEASURES / RESSOURCES ET MESURES D'ATTÉNUATION EN PÉRIODE DE CONSTRUCTION

SOIL DESCRIPTION /  
DESCRIPTION DU SOL  
SLOPE CLASS /  
CLASSE DE  
PENTE  
PHASE / PHASE  
SOIL SERIES /  
SÉRIE DE SOLS

FOOTNOTES / NOTES:

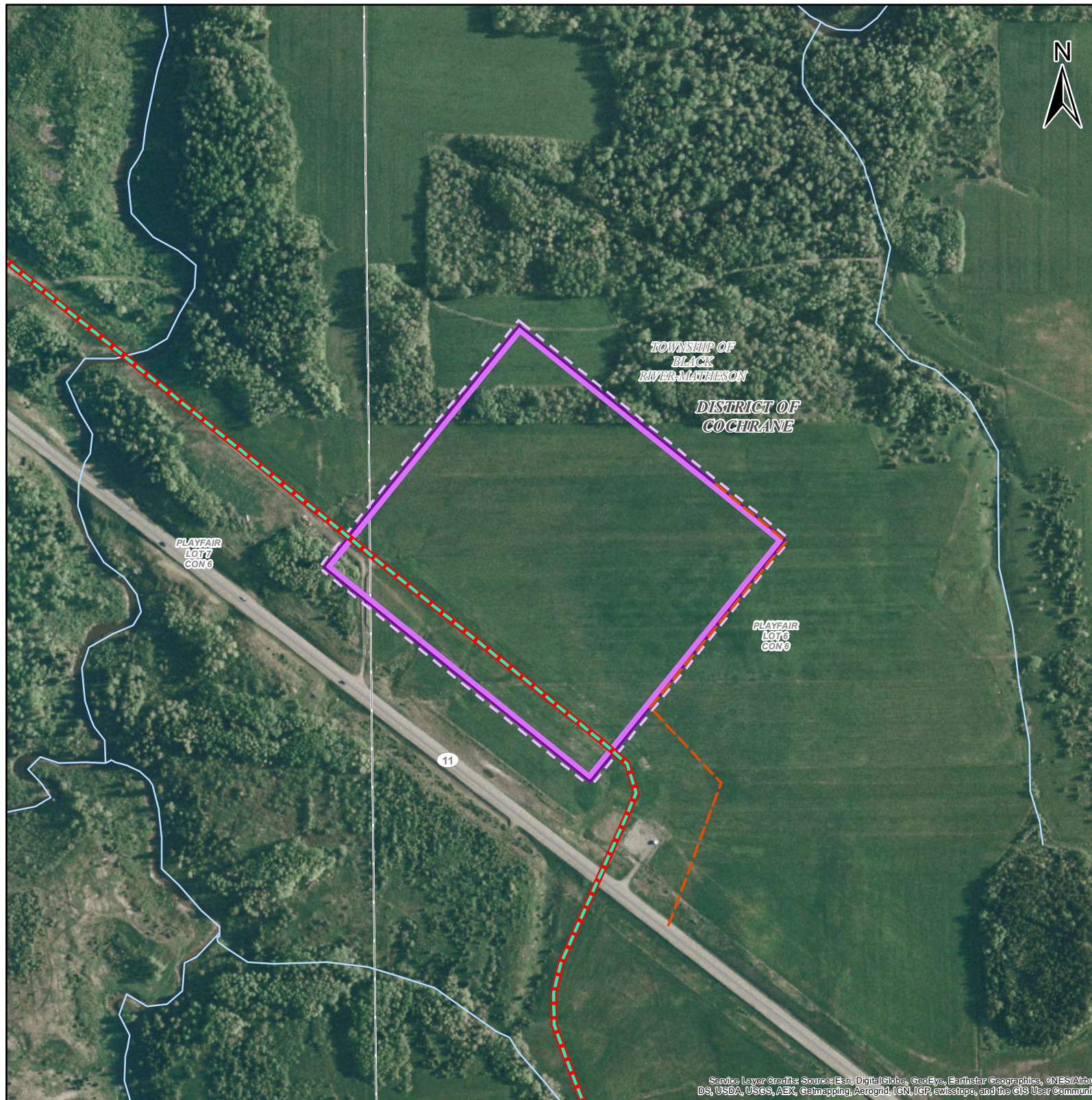
- REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTÉNUATION LIÉES AU PROJET.
- SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS. / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.
- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

LEGEND / LÉGENDE

WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON	WETLAND / MILIEU HUMIDE	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION	CONVERSION PIPELINE / PIPELINE DE CONVERSION	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES	NEW PIPELINE / NOUVEAU PIPELINE	PROVINCIAL PARK / PARC PROVINCIAL
	PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION	

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE <b>1</b>	PROJECTION / PROJECTION <b>UTM ZONE 17</b>	SATUM / SYSTÈME GÉODÉSIQUE <b>NAD 83</b>	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE <b>20151123</b>	PREPARED FOR / PRÉPARE POUR 	
0 100 200 300 Metres / Mètres - 1:5,000 Original Page Size / Taille de page originale: 11 x 17		ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST Environmental Figure / Figure des considérations environnementales Ontario Pump Station / Station de pompage 43-Potter Page / Page 18 of / de 30		





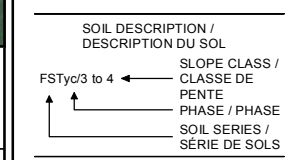
AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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PERMANENT ACCESS ROAD TO THE FACILITY IS PRELIMINARY AND WILL BE REFINED DURING DETAILED ENGINEERING DESIGN.

LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	WILDLIFE FEATURE / ÉLÉMENTS FAUNIQUES		SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
	WETLAND / MILIEU HUMIDE		PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT		PROVINCIAL PARK / PARC PROVINCIAL
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU		

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		HAY / TAME PASTURE PRIVATE
SOIL / SOL	DESCRIPTION / DESCRIPTION	HST/1 TO 2
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIP TO DEPTH / 25 CM 2. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 3. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 4. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
	SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
	VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	NO VEGETATION OR WETLAND RESOURCES IDENTIFIED. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 27 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.	
FISHERIES / FAUNE AQUATIQUE	NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.	
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.	
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.	
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	POTENTIAL RISK FOR HIGH WIND EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN.	
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	NO ACCESS CONTROL REQUIRED	
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.	
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.	

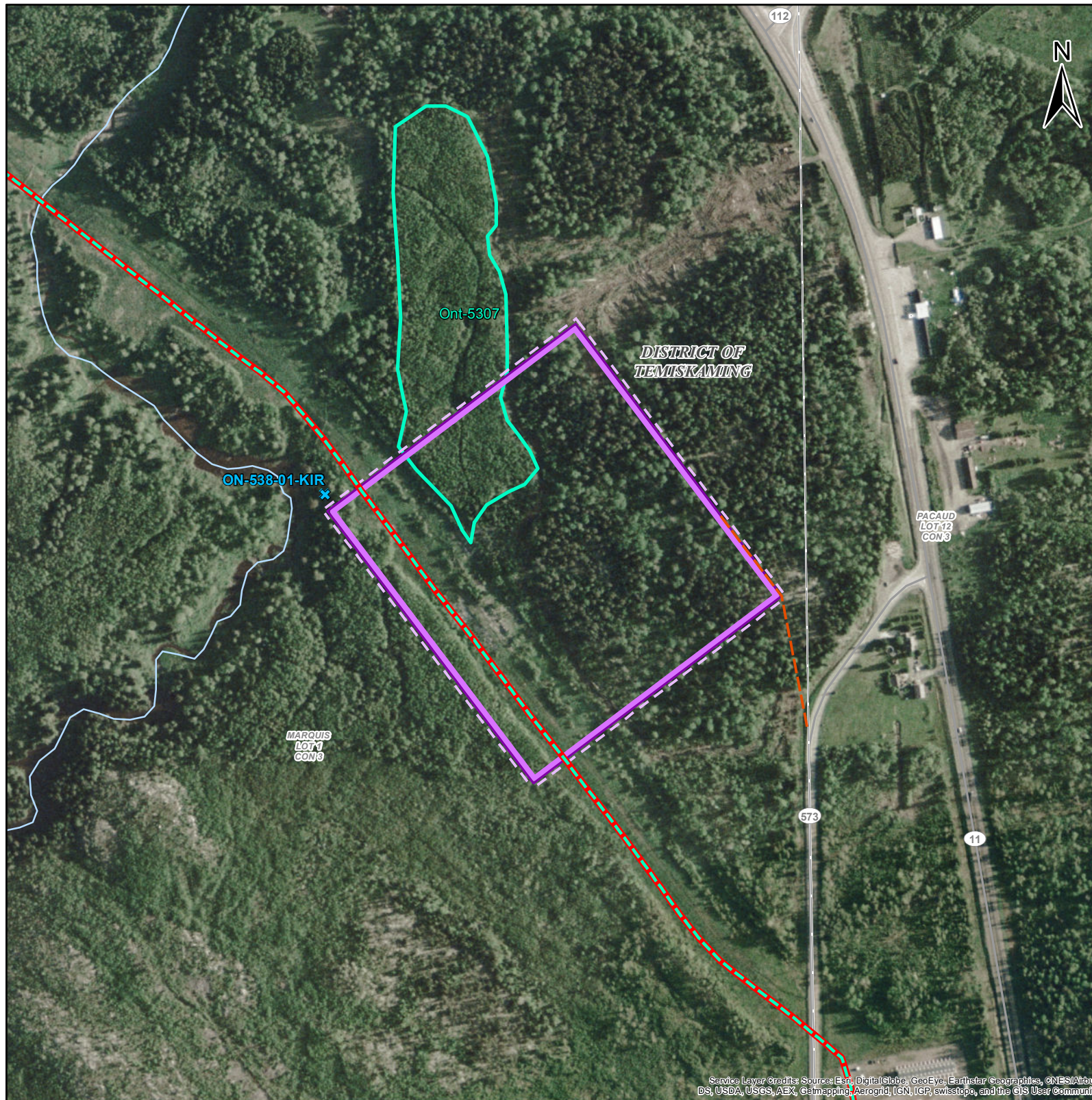


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- EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.

SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE <b>1</b>	PROJECTION / PROJECTION <b>UTM ZONE 17</b>	GATUM / SYSTÈME GÉODÉSIQUE <b>NAD 83</b>	PREPARED BY / PRÉPARE PAR 
Sources: Project data and high resolution imagery provided by TransCanada Pipelines Limited. Base data provided by the Governments of Canada, Alberta, Saskatchewan, Manitoba and Ontario. / Sources: Les données spécifiques à ce projet et images à haute résolution sont fournies par TransCanada Pipelines Limited. Les données de base sont fournies par les gouvernements du Canada, de l'Alberta, de la Saskatchewan, du Manitoba et de l'Ontario.		DATE / DATE <b>20151123</b>	PREPARED FOR / PRÉPARE POUR 	





AERIAL PHOTOGRAPHY DATE / DATE DES PHOTOGRAPHIES AÉRIENNES: 2008 - 2012

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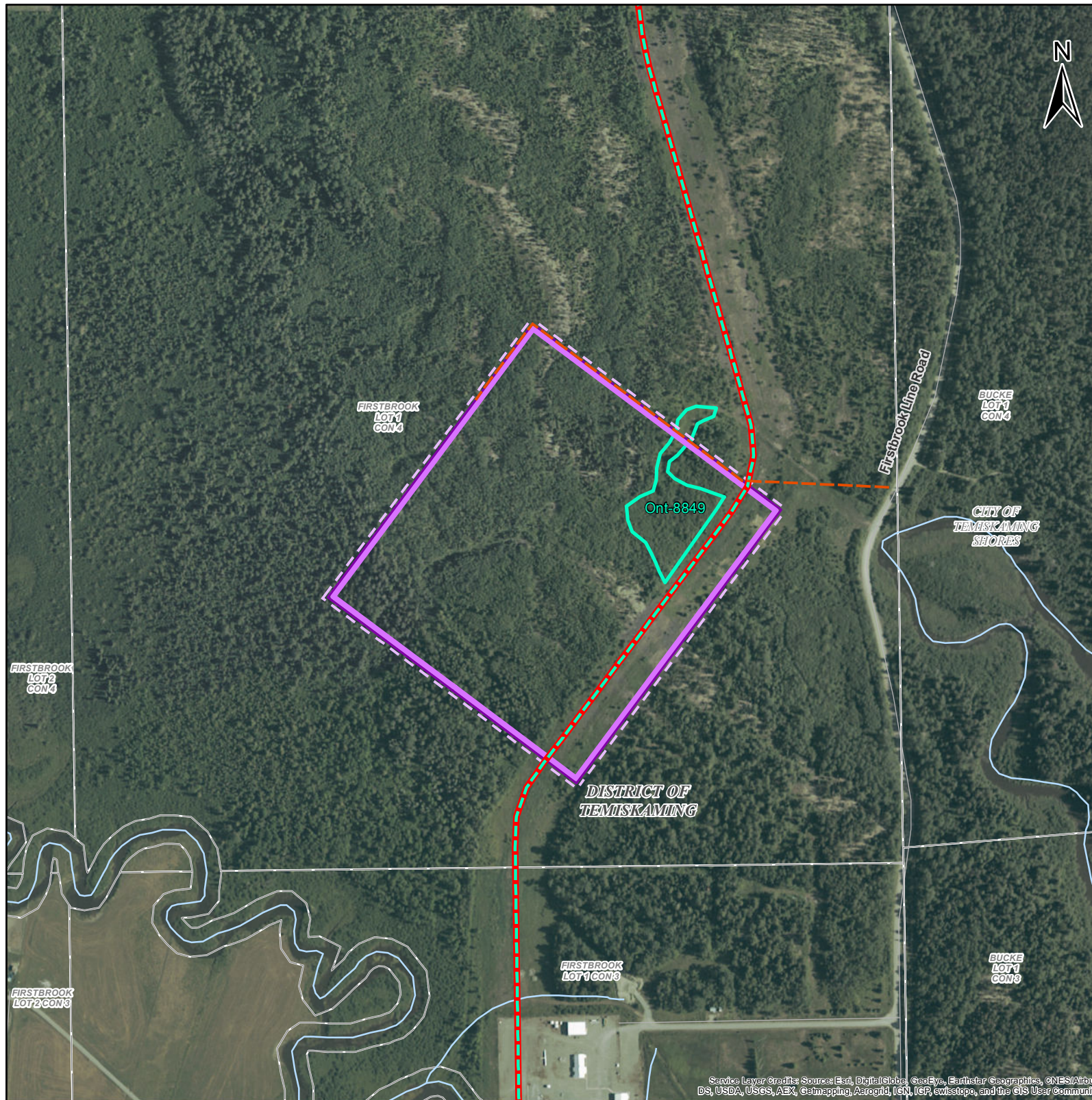
LEGEND / LÉGENDE	
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES
	WETLAND / MILIEU HUMIDE
	ACCESS ROAD - EXISTING / CHEMIN D'ACCÈS - EXISTANT
	ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	CONVERSION PIPELINE / PIPELINE DE CONVERSION
	NEW PIPELINE / NOUVEAU PIPELINE
	PUMP STATION WITH ELECTRIC POWER / STATION DE POMPAGE ALIMENTÉE À L'ÉLECTRICITÉ
	PUMP STATION WITH GAS TURBINE GENERATED POWER / STATION DE POMPAGE ALIMENTÉE AU GAZ
	SILT FENCE LOCATION / BARRIÈRE À SÉDIMENTS
	TANK TERMINAL FENCE BOUNDARY / LIMITE DE LA CLÔTURE DU TERMINAL DE RÉSERVOIRS
	PROVINCIAL PARK / PARC PROVINCIAL
	PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES	FORESTED CROWN
DESCRIPTION / DESCRIPTION	TMG/2 TO 4
SOIL / SOL SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL	NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE	ONT-5307: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE	AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 21 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE	ON-538-01-KIR: UNNAMED TRIBUTARY TO BLANCHE RIVER / FISH HABITAT / RAP: SEPTEMBER 1 TO JUNE 20. ON-538-01-KIR: NO IN-WATER OR NEAR-WATER WORK UNLESS OTHERWISE APPROVED BY APPROPRIATE REGULATORY AGENCY. MAINTAIN RIPARIAN BUFFER OF 30 M.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE	TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEONTOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE	NO PALAEONTOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION	POTENTIAL RISK FOR HIGH WIND EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES	NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS	TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT	SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
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SHEET REVISION / N° RÉVISION <b>REV_A</b> 20151130	INTERNAL ID / IDENTIFIANT INTERNE 1	PROJECTION / PROJECTION UTM ZONE 17	GATUM / SYSTÈME GÉODÉSIQUE NAD 83	PREPARED BY / PRÉPARE PAR 
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LEGEND / LÉGENDE			
	WATERCOURSE FISH HABITAT / COURS D'EAU REPRÉSENTANT UN HABITAT DE POISSON		WETLAND / MILIEU HUMIDE
	WATERCOURSE NOT FISH HABITAT / COURS D'EAU NE REPRÉSENTANT PAS UN HABITAT DE POISSON		ACCESS ROAD - EXISTANT / CHEMIN D'ACCÈS - EXISTANT
	WILDLIFE FEATURE / ÉLÉMENTS FAUNTIQUES		ACCESS ROAD - NEW / CHEMIN D'ACCÈS - NOUVEAU
	ECOLOGICAL COMMUNITY OF MANAGEMENT CONCERN / COMMUNAUTÉ ÉCOLOGIQUE D'INTÉRÊT POUR LA CONSERVATION		CONVERSION PIPELINE / PIPELINE DE CONVERSION
	GOLDEN WINGED WARBLER CRITICAL HABITAT / HABITAT ESSENTIEL DE LA PARULINE À AILES DORÉES		NEW PIPELINE / NOUVEAU PIPELINE
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			PRESSURE CONTROL STATION / STATION DE CONTRÔLE DE LA PRESSION

ADJACENT LAND USE / UTILISATION DU SOL LAND OWNERSHIP / TENURE DES TERRES		FORESTED PRIVATE
SOIL / SOL	DESCRIPTION / DESCRIPTION	TMG/2
	SALVAGE INFORMATION / INFORMATION RELATIVE À LA PRÉSERVATION DU SOL	1. STRIPPING/GRUBBING UP TO 15 CM FOR FORESTED AREAS. 2. STRIPPING UP TO 15 CM FOR WETLANDS 3. PLACE IN PERMANENT STOCK PILE IN DESIGNATED LOCATION. CONTOUR TO A STABLE PROFILE. 4. WHERE BOTH FORESTED AND CULTIVATED LAND-USE IS ENCOUNTERED WITHIN THE FOOTPRINT, SURFACE MATERIALS AND/ OR TOPSOIL CONSERVED SHALL BE PLACED AND CONTOURED IN A SINGLE PERMANENT STOCKPILE. CARE SHALL BE TAKEN TO MINIMIZE MIXING OF THE SURFACE MATERIALS AND/ OR TOPSOIL PILES DURING PLACEMENT AND CONTOURING. 5. WHERE OPEN WATER OR SATURATED SOILS ARE ENCOUNTERED THAT PRECLUDE PRACTICAL SOIL/ SURFACE MATERIALS SALVAGE, AS DETERMINED BY THE EI, STRIPPING IN THESE AREAS IS NOT REQUIRED.
SPECIAL MATERIALS HANDLING / MANUTENTION PARTICULIÈRE DU MATÉRIEL		NO SPECIAL MATERIAL HANDLING REQUIRED.
VEGETATION AND WETLAND / VÉGÉTATION ET MILIEU HUMIDE		ONT-8849: WETLAND COMPENSATION MAY BE REQUIRED FOR PERMANENT CHANGES TO WETLANDS WITHIN THE SITE FOOTPRINT. TIMBER SALVAGE: TO BE DETERMINED
WILDLIFE / FAUNE		AVOID CONSTRUCTION DURING THE NESTING PERIOD FOR MIGRATORY BIRDS (APRIL 21 TO AUGUST 14), WHERE POSSIBLE. WHERE NOT POSSIBLE, IMPLEMENT THE BIRD NEST MITIGATION PLAN.
FISHERIES / FAUNE AQUATIQUE		NO WATERCOURSES OR FISHERIES RESOURCES IDENTIFIED.
HISTORICAL RESOURCE / POTENTIEL ARCHÉOLOGIQUE		TO BE PROVIDED IN A SUBSEQUENT UPDATE.
PALAEOLOGICAL RESOURCE / SITE D'INTÉRÊT PALÉONTOLOGIQUE		NO PALAEOLOGICAL RESOURCES IDENTIFIED.
OTHER CONSTRUCTION CONSIDERATIONS / AUTRES CONSIDÉRATIONS RELIÉE À LA CONSTRUCTION		POTENTIAL RISK FOR HIGH WIND EROSION OF EXPOSED SOILS. SEE SOIL EROSION CONTINGENCY PLAN. MAINTAIN SURFACE WATER DRAINAGE AROUND THE PERIMETER BASED ON FINAL GRADE.
ACCESS CONTROL / OTHER / GESTION DES ACCÈS / AUTRES		NO ACCESS CONTROL REQUIRED
EROSION AND SEDIMENT CONTROL / CONTRÔLE DE L'ÉROSION ET DES SÉDIMENTS		TEMPORARY SILT FENCE LOCATION TO BE FIELD VERIFIED BY THE ENVIRONMENTAL INSPECTOR.
RECLAMATION / REMISE EN ÉTAT		SEED PERMANENT TOPSOIL/SURFACE MATERIALS STOCKPILES, AND STABILIZE AS REQUIRED TO PREVENT EROSION, SEED MIX TO BE DETERMINED.

SOIL DESCRIPTION / DESCRIPTION DU SOL	FOOTNOTES / NOTES:
<p>SLOPE CLASS / CLASSE DE PENTE</p> <p>PHASE / PHASE</p> <p>SOIL SERIES / SÉRIE DE SOLS</p> <p>FSTy03 to 4</p>	<p>1. REFER TO THE ENVIRONMENTAL PROTECTION PLAN FOR A COMPLETE UNDERSTANDING OF THE MITIGATION REQUIREMENTS FOR THE PROJECT. / SE RÉFÉRER AU PLAN DE PROTECTION DE L'ENVIRONNEMENT POUR UNE COMPRÉHENSION EXHAUSTIVE DES MESURES D'ATTENUATION LIÉES AU PROJET.</p> <p>2. SOILS SALVAGED FROM THE DEVELOPMENT FOOTPRINT SHOULD BE BASED ON THE DESIGN, LAYOUT AND CORRESPONDING SPACE REQUIREMENTS, INCLUDING ROADS, DITCHES, SITE DRAINAGE / WATER CONTROLS, ETC. REFER TO APPLICABLE PLOT PLANS, CIVIL DRAWINGS / LA PRÉSERVATION DU SOL LIÉE AU DÉVELOPPEMENT DE LA ZONE D'IMPLANTATION DU PROJET DEVRAIT ÊTRE ÉTABLIE SELON LA CONCEPTION, LA CONFIGURATION ET L'ESPACE REQUIS (INCLUANT LES ROUTES, LES FOSSÉS, LES POSTES DE RÉGULATION DU DRAINAGE ET DE L'ÉCOULEMENT DE L'EAU, ETC.). SE RÉFÉRER AUX PLANS D'AMÉNAGEMENT ET AUX DESSINS DE GÉNIE CIVIL PERTINENTS.</p> <p>3. EXAMPLES: ACID ROCK DRAINAGE (ARD), CONTAMINATED SOILS, CONTAMINATED WATER. / EXEMPLES: DRAINAGE ACIDE (DA), SOLS CONTAMINÉS, EAU CONTAMINÉE.</p>

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<p>ENERGY EAST PIPELINE PROJECT / PROJET OLÉODUC ÉNERGIE EST</p> <p>Environmental Figure / Figure des considérations environnementales</p> <p>Ontario Pump Station / Station de pompage</p> <p>46-Haileybury</p> <p>Page / Page 21 of / de 30</p>				