

Enbridge Pipelines
Line 5 St. Clair River HDD Replacement Project
Progress Report as of July 25, 2018



Meeting the key milestones identified within the agreement signed between the State of Michigan and Enbridge on November 27, 2017, is a priority for Enbridge. The information below provides the details regarding the filing of all applications to satisfy this milestone:

No later than 240 days of the date on which this Agreement is fully executed, Enbridge will file applications to seek all US federal and Canadian authorizations and approvals necessary for the replacement of the St. Clair River Crossing.

U.S. FEDERAL AND CANADIAN AUTHORIZATIONS FILED IN JULY 2018

Enbridge can confirm it has filed the following U.S. federal and Canadian authorizations; the following table lists the applications filed. While Enbridge has filed for these permits, as design continues and the scope is refined some of these permits may not actually be required.

US FEDERAL			
Agency, Authority	Federal State Local	Permit, Authorization, Survey or Consultation	Submission Details
US Army Corps of Engineers (USACE)	Federal	USACE Section 10/404 Permit Submit joint MDEQ / USACE permit application	Electronically filed Jul 20, 2018
US Fish and Wildlife Service	Federal	Consultation and report: Section 7 Endangered Species; consultation may be led (or requested by) the USACE	No formal submittal
US Environmental Protection Agency	Federal	Review of Joint MDEQ / USACE permit application by USEPA may be required based on certain conditions in DEQ/EPA Memorandum of Agreement	No formal submittal
USACE in coordination with State Historic Preservation Office and Tribal Historic Preservation Offices	Federal	Consultation and Report: Section 106 National Historic Preservation Act, consultations, including with any Native American Tribes to assess impacts to resources of cultural or religious significance.	No formal submittal

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CANADIAN AUTHORIZATIONS			
Agency, Authority	Federal Provincial Local	Permit, Authorization, Survey or Consultation	Submission Details
National Energy Board	Federal	Among other things, Order under section 58 of the <i>National Energy Board Act</i> authorizing the construction and operation of the Line 5 Order under section 45.1 of the <i>National Energy Board Onshore Pipeline Regulations</i> authorizing the decommissioning of the existing segment of Line 5	Electronically filed Jul 20, 2018
National Energy Board via MOU with Fisheries and Oceans Canada	Federal	Project Self-Assessment	Electronically filed July 20
National Energy Board via MOU with Transport Canada	Federal	Navigation Protection Act – Transport Canada Navigation Interference Assessment for crossing scheduled waterway (St Clair River)	Electronically filed Jul 20, 2018
Ministry of Natural Resources and Forestry	Provincial	Wildlife Scientific Collector Authorization	Application filed Jul 9, 2018
Ministry of Natural Resources and Forestry	Provincial	Endangered Species Act 2007 Letter of Advice (LOA) for the Project	Application filed Jun 26, 2018
Ministry of Environment, Conservation and Parks	Provincial	Hazardous Waste Information Network (HWIN) Generator Number For Hydrovac Slurry Disposal and Drilling Mud Disposal approvals	Application filed Apr 24, 2018
City of Sarnia	Provincial	Hydro testing water Source and Sewer Discharge Permit	June 28, 2018 – in person meeting with City
Ministry of Tourism Culture and Sport	Provincial	Archaeological and Cultural Assessment clearance letter for Stage 1 and 2	Application filed Jun 15, 2018

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CANADIAN AUTHORIZATIONS			
Agency, Authority	Federal Provincial Local	Permit, Authorization, Survey or Consultation	Submission Details
Ministry of Tourism Culture and Sport	Provincial	Stage 1 Marine Assessment	Application filed Jun 28, 2018
St. Clair Regional Conservation Authority	Provincial	Ontario Regulation 171/06: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses	Application filed Jul 6, 2018
Lambton County in collaboration with City of Sarnia	Municipal	By Law 4 of 2012. Woodlands Conservation By-Law. Authorization for tree clearing	Application filed Jul 10, 2018
Township of St.Clair	Local	Noise exemption request. By-Law 44 of 2014	Letter sent Jul 9, 2018
City of Sarnia	Local	Noise exemption request. Noise Control By-Law No. 144. 1998	Letter sent Jul 12, 2018
City of Sarnia	Municipal	Site Plan Application. By-Law Number 16 of 2017	Application filed Jul 20, 2018
City of Sarnia	Municipal	New Valve Control Building. Building Code Act	Application filed Jul 20, 2018
City of Sarnia	Municipal	Demolition of existing Valve Control Building. Building Code Act	Application filed Jul 20, 2018

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STATUS UPDATE ON THE APPLICATION FILED – STATE AND LOCAL - IN FEBRUARY

The following table provides an update on the applications and approvals that were filed in February 2018.

Status of Filings Made in February 2018			
Authority	Permit, Authorization, Survey or Consultation	Submission Details	Status As of July 25
Michigan Department of Natural Resources	Threatened and endangered species permit	Delivered: Feb 22, 2018	Under agency review
Michigan Department of Environmental Quality	MI Part 327 Water Withdrawal Registration	Submitted electronically: Feb 21, 2018 (two hardcopy registrations)	Under agency review
Michigan Department of Environmental Quality	MI Part 31 Hydrostatic Test Surface Water NPDES Permit	Submitted electronically: Feb 22, 2018	Draft Permit on Public Notice through July 27, 2018
Michigan Department of Environmental Quality	MI Part 31 Construction Storm Water NPDES Permit	Submitted electronically: Feb 22, 2018	Under agency review
Michigan Department of Environmental Quality	Waste Generator ID, waste management	Delivered: Feb 23, 2018	Waste Generator ID has been assigned
Michigan Department of Environmental Quality	Air Quality Permit	Delivered: Feb 23, 2018	Under agency review
St. Clair County Health Department	MI Part 91 Soil Erosion Permit	Delivered: Feb 23, 2018	Permit issued Mar 15, 2018
City of Marysville	AGREEMENT: *Building and electrical permits for replacement of valve and associated fencing and cathodic protection facilities	Submitted electronically: Feb 26, 2018	Pending updated/final engineering and design details
City of Marysville	AGREEMENT: *Permit to cross under River Road		
City of Marysville	AGREEMENT: *Noise mitigation plan		

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Status of Filings Made in February 2018			
Authority	Permit, Authorization, Survey or Consultation	Submission Details	Status As of July 25
City of Marysville	Waste water discharge permit	Delivered: Feb 23, 2018	Under review
Michigan Public Service Commission	Project notification letter	Submitted electronically: Feb 22, 2018	Final notification letter sent July 5, 2018
International Boundary Commission	This is a notification only – no permit is required	Delivered: Feb 23, 2018	Received authorization Mar 1, 2018
Department of State	Presidential Permit concurrence letter that project work is authorized within existing permit	Delivered: Jun 13, 2018	Received concurrence letter on Jul 5, 2018

** As requested by the City, Enbridge will submit a "Permit and Consent for Facilities Construction Agreement" to the City; this agreement will address each of these areas.*