

**Enbridge Pipelines**  
**Line 5 HDD of St. Clair Project**  
**Progress Report as of February 12, 2018**



The information in this report describes the progress Enbridge has made in advancing the Line 5 St. Clair HDD Replacement Project (the Project). Enbridge has made significant progress engaging permitting agencies/authorities and remains on track for filing local and state permits by February 28, 2018 as per the Agreement. A list of the permits being filed before the end of the month is included in a table below. This report also describes the most significant discussion points from the pre-application consultation meetings and general engagement activities since our last update, which was distributed as of January 16, 2018.

**SUMMARY OF DISCUSSIONS FROM PRE-APPLICATION CONSULTATION MEETINGS**

The following table describes the key discussion points with various regulators and authorities. None of the Stakeholders engaged to date have outstanding concerns. This is not a comprehensive list of all engagement activities undertaken to date it lists only personal consultation regarding the Project that occurred either in face-to-face meetings or pre-arranged teleconferences.

<b>Summary of Discussions with Regulatory Agencies and Local Authorities – personal engagement activities occurring January 11 to Feb 5, 2018.</b>	
Marysville Building Department and Public Works Staff	<p><b>Jan 11, 2018 – teleconference:</b></p> <ul style="list-style-type: none"> <li>Enbridge representatives introduced the Line 5 project to Marysville staff and discussed potential permitting / authorization requirements.</li> <li>Enbridge representatives that any required permit applications would be submitted by Feb 28, 2018.</li> <li>All agreed that Enbridge would continue to provide updates to the City staff as design progresses and permit application / documents are assembled.</li> </ul>
Marysville City Representatives	<p><b>Jan 16, 2018 – group meeting:</b></p> <ul style="list-style-type: none"> <li>Enbridge representatives made a presentation to Marysville City representatives about Line 5 St. Clair HDD and also discussed the overall Agreement signed between Enbridge and the State as well as Enbridge’s presence in Michigan.</li> <li>Questions from city representatives focused on: length of crossing and depth of replaced segment; construction timelines; HDD vs tunneling; noise concern mitigation; water contamination; preventing inadvertent release of drilling mud; security during construction and involvement of local police.</li> <li>Key takeaways include a follow up presentation to City Council (occurred the same day) ; recommendation by City staff to meet with the Friends of the St. Clair River, and BPAC (Enbridge will engage these groups).</li> </ul>
Marysville City	<p><b>Jan 16, 2018 - presentation to Council:</b></p>

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Council	<ul style="list-style-type: none"> <li>Enbridge representatives provided Project details during a formal presentation at the Maryville City Council Meeting.</li> <li>There were also two landowners attending the council meeting, who live adjacent to the existing Line 5 valve and Enbridge representatives were able to have conversations with these landowners about the Project.</li> </ul>
Michigan Public Service Commission	<p><b>Jan 17, 2018 – teleconference:</b></p> <ul style="list-style-type: none"> <li>Enbridge introduced the Line 5 project to MPSC staff and discussed potential permitting / authorization requirements.</li> <li>Enbridge representatives stated their view that the Project is a maintenance project as per the PSC classification and similar in scope to the St. Clair crossing completed on Line 6B in 2010/2011, and no formal filing would be required. Based on the current scope of work, Staff concurred with this assessment.</li> <li>As a follow up to the teleconference, Enbridge representative emailed copies of the project PowerPoint presentation, along with a copy of the Notification letter from the 2012 Line 5 DRA skid project (for reference)</li> </ul>
International Boundary Commission	<p><b>Jan 19, 2018 – teleconference:</b></p> <ul style="list-style-type: none"> <li>Enbridge representatives reviewed the scope and details of the Project with Mr. J.T. Moore, IBC Staff member</li> <li>Based on cursory review, Mr. Moore indicated that he did not envision any impacts to IBC reference monuments, or have any issues with the project.</li> <li>He stated Enbridge should send a formal request letter to the IBC, briefly describing project scope / location and map showing coordinates of the proposed river crossing locations.</li> <li>The IBC will review the request letter in relation to reference monuments (no anticipated impacts) and issue a permission letter back to Enbridge, accordingly.</li> </ul>
USACE and MDEQ water resources group - joint meeting	<p><b>Jan 24, 2018 – group meeting</b></p> <ul style="list-style-type: none"> <li>Enbridge representatives met with MDEQ Water Resources and USACE representatives in a joint meeting in MDEQ’s Southeast Michigan office to discuss the St. Clair HDD and joint MDEQ/USACE permitting requirements.</li> <li>This was an initial pre-application consultation with both agencies.</li> </ul>
US Coast Guard	<p><b>Jan 22, 2018 – teleconference:</b></p> <ul style="list-style-type: none"> <li>Enbridge representative introduced the Line 5 St. Clair HDD project</li> <li>USCG representatives stated the Project was unlikely to trigger any permitting requirements.</li> <li>Requested notification of project construction dates and that if Project</li> </ul>

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	<p>was to impact the shipping channel Enbridge representatives would need to coordinate with USCG personal.</p> <ul style="list-style-type: none"> <li>• USCG suggested Enbridge attend an Area Contingency Plan meeting to provide an overview of the project.</li> </ul>
<p>Marysville Water and Wastewater Plant</p>	<p><b>Jan 28, 2018 – teleconference:</b></p> <ul style="list-style-type: none"> <li>• Barr Engineering Co. representative introduced the Line 5 St. Clair HDD project and inquired about permitting process to use city water and discharge wastewater to the Marysville Wastewater Plant.</li> <li>• Marysville representatives indicated no permit was needed to use water; but Enbridge would need to set up a short-term account prior to construction.</li> <li>• Marysville representative indicated a permit was needed to discharge water to the wastewater plant and to complete the Industrial User Survey / Baseline Monitoring Plan application for the proposed discharge(s).</li> </ul>
<p>Michigan Department of Natural Resources</p>	<p><b>Feb 2, 2018 – meeting:</b></p> <ul style="list-style-type: none"> <li>• Enbridge completed its review of the natural features inventory and identified 27 state-listed species within a 5 mile radius of the project area.</li> <li>• Enbridge representatives met with DNR to discuss the findings of this review.</li> <li>• The next step is to conduct species/habitat suitability field surveys, which will be conducted in Spring 2018.</li> <li>• Typically, the threatened and endangered species permit is applied for after field surveys are complete and if listed species are observed in the field; however, to adhere to the Agreement commitment to file all state and local applications by Feb 28, 2018, DNR recommended submitting an application that includes 14 of the 27 state-listed species identified, which can be rescinded or updated at a later date.</li> </ul>
<p>MDEQ - Air Quality Group</p>	<ul style="list-style-type: none"> <li>• The air quality group is currently reviewing the proposed equipment list for the project to assess the applicability of air quality permitting regulation.</li> </ul>

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**PLANNED STATE & LOCAL PERMITS TO BE FILED BY FEBRUARY 28**

The table below describes the permits that Enbridge intends to file by February 28 as per the Agreement.

**NOTE: While Enbridge is filing for these permits, as design continues and the scope is refined some of these permits may not actually be required.**

Agency, Authority	Permit, Authorization, Survey or Consultation
Michigan Department of Natural Resources	Threatened and endangered species permit
Michigan Department of Environmental Quality	MI Part 327 Water Withdrawal Registration
Michigan Department of Environmental Quality	MI Part 31 Hydrostatic Test Surface Water NPDES Permit
Michigan Department of Environmental Quality	MI Part 31 Construction Storm Water NPDES Permit
Michigan Department of Environmental Quality	Waste Generator ID, waste management
Michigan Department of Environmental Quality	Air Quality Permit-to-Install
St. Clair County Health Department	MI Part 91 Soil Erosion Permit
City of Marysville	*Building and electrical permits for replacement of valve and associated fencing and cathodic protection facilities  NOTE: once received City staff will determine if a zoning permit filing is necessary
City of Marysville	*Permit to cross under River Road

Agency, Authority	Permit, Authorization, Survey or Consultation
City of Marysville	*Noise mitigation plan
City of Marysville	Waste water discharge permit (related to hydrostatic test and other general construction wastewaters)
Michigan Public Service Commission	This is a notification letter only – no permit is required.
International Boundary Commission	Construction authorization letter will be submitted. Permission letter will be issued by IBC.

*\* 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 this areas.*

**PROJECT WEBSITE**

Information about the Project will also be available on the Enbridge website at:

<http://www.enbridge.com/stclairhdd>

Enbridge anticipates the site will go live before the end of the month. The Project website will include general details on scope, potential timelines, and information on horizontal directional drill technology. A toll-free number and e-mail address for the Project will also be included on the website.

**LAUNCH OF FORMAL CONSULTATION PROGRAM**

As of Feb 2, 2018, Enbridge initiated the formal consultation program in Canada and the US; planned consultation activities include the following:

- **Direct Mailings to Stakeholders – throughout February:** Enbridge is committed to distributing Project information to identified stakeholder groups, initially to describe the Project and inform these groups of how they could contact Enbridge to communicate any concerns or get more Project details, and thereafter on a regular basis to update stakeholders on Project milestones. The following stakeholders have or will be receiving a Project notification letter:
  - Adjacent Landowners and Tenants (including First Nations): those with land interests next to/near to the drill site.

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- State, Municipal, Provincial, and Federal government representatives along or near the drill site.
  
- **Consultation with Representatives of Affected Communities - Ongoing:** Consultation with elected representatives (such as chief administrative officers, mayors, city/town council members, city managers, etc.) of the communities directly affected by the Project have already started and will be ongoing throughout the life of the Project. The consultation program is being designed to enable the development and maintenance of positive relationships with government officials. All elected officials and other government authorities receive the same information that landowners and other stakeholders receive about the Project.
  
- **Personal Consultation with Landowners – Ongoing:** Enbridge land agents have begun outreach activities such as telephone calls and visits to affected/nearby landowners, including businesses, to notify them of the Project and to ensure their concerns are addressed.

**NEXT STEPS**

**Enbridge will file all state and local permit applications as described in the table above and will continue its ongoing stakeholder consultation program.**