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September 21, 2018

VIA EMAIL

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Mail Code 2243-A
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Re: Results of 2018 ROV Inspection (Line 5) and Further Notice of Delay in Installation of Screw Anchors (¶¶ 68, 174 and 175)

Dear Ms. Garypie, Ms. Whelan, Ms. Riley and Ms. Tierney:

Consistent with ¶ 68.f of the Consent Decree, a contractor for Enbridge conducted an inspection of the Dual Lines at the Straits of Mackinac using a Remotely Operated Vehicle (ROV) during the period July 16 to July 24, 2018. The contractor, Ballard Marine Construction, also collected data on the Dual Lines using an Autonomous Underwater Vehicle (AUV) during the period June 27, 2018 to July 22, 2018. Ballard conducted its initial review of data in August, and finalized its report of the inspections in September. A copy of the Ballard Report is attached to this letter.

The Ballard Report primarily addressed whether unsupported spans of more than 75 feet had developed in the Straits since the last ROV inspection in 2016. As set forth in the Report, no spans of more than 75 feet were observed by Ballard.

Following receipt of the Ballard Report, Enbridge analyzed data collected by Ballard to determine whether spans have developed that would require installation of additional anchors to

comply with the Third Proposed Modification of the Decree once that Modification is approved by the Court. Enbridge's analysis shows that three additional anchors would be required under the Third Modification, assuming that it is approved as submitted to the Court. These anchors would be named and located as follows:

Line 5 Straits Additional Anchor Installation Locations

Proposed Anchor	**Chainage at Anchor (ft)**
EAP-29	2000311.71
EAP-30	2007996.76
WAP-21	2005083.24

Under the proposed Third Modification, anchors at the indicated locations would be required for the following reasons:

- Screw anchor EAP-30: This anchor would be installed to comply with Subparagraph 68.b.(2).(A) of the Third Modification, which would require installation of anchors in any area where a span exceeds 65 feet.

- Screw anchors EAP-29 and WAP-21: These anchors would be installed to comply with Subparagraph 68.b.(2).(A) of the Third Modification, which would require installation of anchors in any area where spans are separated by a "touchdown length" where the pipeline rests on a sandy lake bottom for a distance of less than 40 feet.

Enbridge submitted today applications for permits to install the three identified anchors. Enbridge believes, however, that permits for installation of these anchors will not be issued in time for installation by October 1, 2018. Enbridge accordingly respectfully requests that these additional anchors be considered part of its pending force majeure notification pursuant to ¶¶ 174-75 of the Decree.

Appendixes A and B are spreadsheets that reflect data used to determine what additional anchors would be required upon the Third Modification becoming effective. Please note that a number of spans shown would not require installation of additional anchors even though the spans as of 2018 have a length greater than 65 feet. This is because these spans fall under the provisions of Subparagraph 68.b.(3), which generally provides that additional anchors are not required (A) in any area described in Subparagraph 68.b.(2)(A)-(E) if the nearest Screw Anchors on either side of such area are no more than 75 feet apart; or (B) in any area described in Subparagraph 68.b.(2)(A) if either of the nearest Screw Anchors on either side of such area was installed in accordance Subparagraph 68.b.(1).

Following the 2018 ROV inspection, the current status of the ongoing anchor installation process is as follows:

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	East Span	West Span	Total
Anchors installed in 2018	5	14	19
Anchors Proposed in 2017 (to be installed in 2019)	28	23	51
New Anchors to Be Proposed Based on ROV Results	2	1	3
TOTAL	**35**	**38**	**73**

The location of anchors installed in 2018 and anchors proposed for installation in 2019 is shown in Appendixes A and B. The three proposed anchors that would be installed as the result of the 2018 ROV results are highlighted in red.

Please let us know if you have any questions regarding the current the matters discussed or the accompanying attachments.

Sincerely,

William T. Hassler
David H. Coburn
Attorneys for Enbridge Defendants

Attachment

cc: Steven Willey, U.S. Department of Justice
Joe Warren, U.S. Department of Justice
Karen Peaceman, U.S. EPA Region 5
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