



ORDER XO-E101-004-2016

IN THE MATTER OF the *National Energy Board Act* (NEB Act) and the regulations made thereunder; and

IN THE MATTER OF an application dated 5 November 2014 by Enbridge Pipelines Inc. (Enbridge) pursuant to section 58 of the NEB Act, for the construction and operation of new tanks, sending and receiving trap facilities, and new pump stations and associated facilities, forming part of the Line 3 Replacement Program (Project) under file OF-Fac-Oil-E101-2014-11 02.

BEFORE the Board on 19 April 2016.

WHEREAS the Board received Enbridge's application dated 5 November 2014 for the Project;

AND WHEREAS the Project includes the decommissioning of approximately 1,067 km of existing Line 3 pipeline (Existing Line 3 Pipeline) and the construction and operation of approximately 1,096 km of new pipeline and related facilities (Section 52 Pipeline and related Facilities), in addition to 18 new pump stations, nine sending and receiving trap facilities, and expansion work at the Hardisty Terminal in Alberta encompassing three new storage tanks with associated facilities (Section 58 Facilities);

AND WHEREAS Enbridge requested an order pursuant to section 58 of the NEB Act exempting Enbridge from the requirements of paragraphs 30(1)(b), 31(c), 31(d) and sections 33 and 47 of the NEB Act in relation to the Section 58 Facilities and that the order take effect from the date the recommendation is made to the Governor in Council;

AND WHEREAS the Section 58 Facilities are fully described in the attached Schedule A;

AND WHEREAS the Board reviewed Enbridge's application and all subsequent submissions made by Enbridge and the participants in the proceeding, and conducted an environmental assessment of the Project, including the Section 58 Facilities;

AND WHEREAS the Board held a public hearing in respect of the Project pursuant to Hearing Order OH-002-2015, as amended, during which the Board heard from Enbridge and the participants in the proceeding;

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AND WHEREAS the Board had regard to all considerations that were directly related to the Section 58 Facilities and were relevant, including environmental matters, pursuant to Part III of the NEB Act;

AND WHEREAS the Board conducted an environmental assessment of the Project and concluded that with the implementation of Enbridge's environmental protection procedures and mitigation measures and the Board's recommendations and conditions, the Project is not likely to cause significant adverse environmental effects;

AND WHEREAS the Board prepared and submitted a Report to the Minister of Natural Resources pursuant to section 52 of the NEB Act recommending that a Certificate of Public Convenience and Necessity (Certificate) be issued for the Project, should the Section 52 Pipeline and related Facilities be approved by the Governor in Council;

AND WHEREAS the Board may, pursuant to subsection 19(1) of the NEB Act, direct in any Order that it shall come into force at a future time or on the happening of any contingency;

AND WHEREAS Order XO-E101-004-2016 will be issued with Certificate OC-063 for the Project, should the Section 52 Pipeline and related Facilities be approved by the Governor in Council;

IT IS ORDERED that pursuant to subsection 19(1) of the NEB Act, this Order takes effect only upon the issuance of a Certificate in respect of the Section 52 Facilities;

IT IS FURTHER ORDERED that pursuant to section 58 of the NEB Act, the Section 58 Facilities for the Project are approved, and Enbridge is exempted from the provisions of paragraph 30(1)(a) and sections 31 and 33 of the NEB Act, .

This Order is subject to the terms and conditions listed below.

In this Order, the terms or expressions (in bold) have the following meanings:

Application – Enbridge's application dated 5 November 2014, pursuant to sections 52 and 58 of the *National Energy Board Act* (NEB Act) and section 45.1 of the *National Energy Board Onshore Pipeline Regulations* (OPR).

commencing construction - the clearing of vegetation, ground-breaking and other forms of preparation of the facility sites that may have an impact on the environment (activities associated with normal surveying do not constitute commencing construction).

Enbridge – Enbridge Pipelines Inc.

for approval - When a condition requires a filing for NEB approval, Enbridge must not commence the indicated activity until the Board issues its written approval of that filing.

including – Use of this term, or any variant of it, is not intended to limit the elements to just those listed. Rather, it implies minimum requirements with the potential for augmentation, as appropriate.

NEB or Board – National Energy Board

Order – Board Order authorizing the construction and operation of the Section 58 Facilities pursuant to section 58 of the NEB Act

Project – The Line 3 Replacement Program, and all of its applied-for components.

Section 58 Facilities – The proposed facilities, forming part of the Project, for which Enbridge requests an Order pursuant to section 58 of the NEB Act. The Section 58 Facilities include 18 new pump stations, nine sending and receiving trap facilities, and expansion work at the Hardisty Terminal in Alberta encompassing three new storage tanks (50,000m³) with associated facilities.

General

1. Condition Compliance

Enbridge shall comply with all of the conditions contained in this Order, unless the Board otherwise directs.

2. Section 58 Facilities Design, Location, Construction, and Operation

Enbridge shall cause the Section 58 Facilities to be designed, located, constructed, installed and operated in accordance with the specifications, standards, commitments made and other information included in or referred to in its Application or in its related submissions.

3. Environmental Protection

Enbridge shall implement or cause to be implemented all of the policies, practices, programs, mitigation measures, recommendations, procedures and its commitments for the protection of the environment included in or referred to in its Application or in its related submissions.

4. Order Expiration (Sunset Clause)

Unless the Board otherwise directs prior to 1 December 2017, this Order shall expire on 1 December 2017 unless construction in respect of the Section 58 Facilities has commenced by that date.

Prior to and During Construction

5. Security Management

Enbridge shall file with the Board, in accordance with the timelines below, written confirmation, signed by an officer of the company:

- a) **at least 60 days prior to commencing construction**, that it has developed a Security Management Plan for construction of the Section 58 Facilities; and
- b) **at least 90 days prior to commencing operations**, that it has amended its corporate Security Management Program to include operation of the Section 58 Facilities; pursuant to the OPR and CSA Z246.1 (as amended from time to time).

Each filing must include a statement confirming that the signatory to the filing is an officer of Enbridge.

6. Facilities Environmental Protection Plan

Enbridge shall file with the Board for approval, **at least 60 days prior to commencing construction**, an updated Facilities Environmental Protection Plan (Facilities EPP) specific to the Section 58 Facilities. The Facilities EPP shall describe all environmental protection commitments, procedures, and mitigation and monitoring commitments, as set out in the Application, Enbridge's subsequent filings, or as otherwise agreed to in Enbridge's related submissions.

The Facilities EPP shall include the following:

- a) environmental procedures, criteria for implementing these procedures, mitigation measures, and monitoring applicable to all phases and activities of the Section 58 Facilities;
- b) any updates to contingency plans and management plans; and
- c) updated alignment sheets and/or plot plans.

7. Outstanding Traditional Land Use Investigations

Enbridge shall file with the Board for approval and serve a copy on all participating Aboriginal groups, **at least 60 days prior to commencing construction**, a plan to address outstanding Traditional Land Use (TLU) investigations for the Section 58 Facilities. The plan shall include:

- a) a summary of the status of TLU investigations undertaken for the Section 58 Facilities, including Aboriginal group-specific TLU studies and any supplementary pre-construction field investigation or reconnaissance activities relevant to potentially affected Aboriginal groups;
- b) a summary of the effects of the Section 58 Facilities on the current use of lands and resources for traditional purposes identified in the investigations;
- c) a summary of the mitigation measures proposed by Enbridge and/or by affected Aboriginal groups to address the effects of the Section 58 Facilities identified in the investigations;
- d) a description of how Enbridge has incorporated any additional mitigation measures into its Facilities EPP;

- e) a description of any outstanding concerns raised by potentially affected Aboriginal groups regarding potential effects of the Section 58 Facilities on the current use of lands and resources for traditional purposes, including a description of how these concerns have been or will be addressed by Enbridge; and
- f) a summary of any outstanding TLU investigations or follow-up activities that will not be completed prior to commencing construction, including an explanation as to why these will not be completed prior to commencing construction, and an estimated completion date, if applicable.

8. Temporary Work Camps

Enbridge shall notify the Board, **at least 45 days prior to commencing construction of the temporary work camp**, as to whether a temporary work camp(s) (Camp) is required.

In the event that Camp(s) are required, Enbridge shall provide the Board, for approval, an environmental and socio-economic protection plan for the Camp(s) that includes the following:

- a) the location of each Camp and a description of the environmental setting;
- b) a suitably-scaled plot plan that includes satellite imagery showing land use in the immediate and surrounding areas;
- c) the size of the Camp(s) in hectares;
- d) the predicted human occupancy of the Camp(s) including the number of people accommodated at the Camp and the number of Camp staff;
- e) the proposed schedule for constructing, operating and dismantling the Camp(s);
- f) identification of the environmental and socio-economic effects of construction, operating and dismantling of the Camp(s);
- g) a description of all proposed mitigation measures associated with f); and
- h) documentation or information describing Enbridge's consultation with the relevant municipalities, regional authorities, all potentially affected stakeholders and Aboriginal groups;
- i) a summary of any issues or concerns raised by municipalities, regional authorities, all potentially affected stakeholders and Aboriginal groups; and
- j) a description of how the issues and concerns identified in i) are addressed in the environment and socio-economic protection plan for the Camp(s).

9. Construction Emergency Preparedness and Response Planning

Enbridge shall file with the Board, **at least 30 days prior to commencing construction**, the Emergency Response Plan, specific to the Section 58 Facilities, that will be implemented during the construction phase of the Section 58 Facilities. The plan shall include spill contingency measures that Enbridge will employ in response to accidental spills attributable to construction activities, 24-hour medical evacuation, fire response, and security.

10. Aboriginal Consultation Reports

Enbridge shall file with the Board, **at least 30 days prior to commencing construction**, and at the end of every second month thereafter until completing construction, a report summarizing Enbridge's consultations with all potentially affected Aboriginal groups identified. These reports shall include:

- a) a summary of the concerns raised by Aboriginal groups;
- b) a description of how Enbridge has addressed or will address the concerns raised;
- c) a description of any outstanding concerns; and
- d) a description of how Enbridge intends to address any outstanding concerns, or an explanation as to why no further steps will be taken.

11. Commitments Tracking Table

Enbridge shall:

- a) file with the Board and post on its Project website, **within 90 days from the date of this Order and at least 30 days prior to commencing construction**, a Commitments Tracking Table (CTT) listing all commitments made by Enbridge in its Application or in its related submissions applicable to the Section 58 Facilities, including reference to:
 - i. the documentation in which the commitment appears (for example, the Application, responses to information requests, hearing transcripts, permit requirements, condition filings, or other);
 - ii. the accountable lead for implementing each commitment; and
 - iii. the estimated timelines associated with the fulfillment of each commitment;
- b) update the status of the commitments in a) on its Project website and file these updates with the Board on:
 - i. a monthly basis until commencing operations; and
 - ii. a quarterly basis until the end of the fifth year following the commencement of operations; and
- c) maintain at its construction office(s):
 - i. the CTT listing all regulatory commitments and their completion status, including those commitments resulting from Enbridge's Application and subsequent filings and conditions from permits, authorizations and approvals;
 - ii. copies of any permits, approvals or authorizations issued by federal, provincial or other permitting authorities, which include environmental conditions or site-specific mitigation or monitoring measures; and
 - iii. any subsequent variances to permits, approvals or authorizations referred to in c) ii.

12. Programs and Manuals - Safety

Enbridge shall file with the Board, **at least 30 days prior to commencing construction**, Construction Safety Manuals (project-specific Safety Plans) for the Section 58 Facilities.

13. Heritage Resources

Enbridge shall file with the Board, **at least 14 days prior to commencing construction**, confirmation, signed by an officer of the company, that:

- a) it has obtained or will obtain all of the required archaeological and heritage resource permits and clearances from Alberta Culture and Tourism; Saskatchewan Parks, Culture and Sport; and Manitoba Culture, Heritage and Tourism;
- b) it will meet any conditions and respond to any comments and recommendations contained in the permits and clearances referred to in a); and
- c) it has incorporated or will incorporate any additional mitigation measures into its Facilities EPP as a result of any conditions or recommendations contained in the permits or clearances referred to in a).

14. Construction Schedule

Enbridge shall file with the Board, **at least 14 days prior to commencing construction**, a detailed construction schedule(s) identifying major construction activities, and shall notify the Board of any modifications to the schedule(s) as they occur.

15. Field Joining Program

Enbridge shall file with the Board, **at least 14 days prior to commencing joining activity**, the Field Joining Program.

16. Pressure Testing Program

Enbridge shall file with the Board, **at least 14 days prior to commencing pressure testing**, the Pressure Testing Program that demonstrates compliance with applicable codes, standards and regulatory requirements.

17. Welding and Non-Destructive Examination Procedures

Enbridge shall, **during welding activities**, maintain at each construction site:

- a) a copy of the applicable welding procedures;
- b) a copy of the applicable non-destructive examination (NDE) and testing procedures used on the Section 58 Facilities; and
- c) all supporting documentation related to NDE and testing.

Enbridge shall include, in the applicable NDE and testing procedures referred to in b) and c) above, a requirement to delay NDE of final tie-in welds and any repairs to them for 48 hours following completion of welding.

18. Breeding Bird Survey

In the event of clearing, construction or reclamation activities for the Section 58 Facilities within restricted activity periods for non-migratory birds protected under provincial jurisdiction, and for migratory birds, Enbridge shall retain a qualified avian biologist to carry out a survey prior to these activities, in accordance with current Environment and Climate Change Canada guidance,

to identify any birds and active nests in areas immediately surrounding the site. Enbridge shall file the results with the Board **every 15 days when surveys are active during the breeding bird restricted activity period**. The results shall include:

- a) documentation or information to confirm that the appropriate provincial and federal government authorities were consulted prior to the activity on the proposed methodology for the survey, the mitigation and monitoring to be used, and a description of any outstanding concerns they may have; and
- b) if active nests were found:
 - i. mitigation that was or will be implemented, including monitoring, which was developed in consultation with Environment and Climate Change Canada and the appropriate provincial government authorities, to protect any identified migratory and non-migratory birds and their nests; and
 - ii. mitigation that was or will be implemented, including monitoring, developed in consultation with Environment and Climate Change Canada to protect any birds listed under the *Species at Risk Act*, and their nests.

19. Construction Progress Reports

Enbridge shall file with the Board, **by the 15th day and the end of each month during construction**, construction progress reports. The reports shall include information on the activities carried out during the reporting period; any environmental, socio-economic, safety and security issues and issues of non-compliance; and the measures undertaken for the resolution of each issue and non-compliance.

Post-Construction and Operations

20. Hardisty Terminal Air Emissions Monitoring Plan

Enbridge shall file with the Board for approval, **at least 90 days prior to operation of the storage tanks**, an air emissions monitoring plan for detecting and recording fugitive H₂S and VOC (benzene) emissions at Enbridge's Hardisty Terminal. The plan shall include:

- a) Enbridge's methodology for monitoring local emissions during operation of tanks including:
 - i. proposed number and location of vapour monitoring and gas detection equipment to be installed where maximum concentrations were predicted by the air quality assessments, including vertical positioning of equipment (that is, ground level or other height);
 - ii. rationale for equipment type (that is, passive or continuous) chosen;
 - iii. timing of the deployment of the monitors; and
 - iv. the frequency of monitoring at each monitoring device (for example, hourly average, 24-hour average, monthly average);
- b) Description of how the data collected will be used to evaluate Enbridge's contributions to overall H₂S emissions in the local area, including:
 - i. a plan for how the monitoring approach will be used to verify the accuracy of what was predicted in the air quality assessments for the tanks;
 - ii. the feedback mechanisms that will allow the monitoring data to be used to inform operating decisions; and

- iii. how Enbridge will share the data and work with the other Operators in the Hardisty Complex;
- c) Details of how Enbridge will use the data collected to assist in preventing the exceedance of Alberta Ambient Air Quality Objectives, including:
 - i. the criteria or thresholds, that if met, will trigger the implementation by Enbridge of additional strategies, actions or mitigation; and
 - ii. a description of the additional strategies, actions or mitigation that will be considered for implementation pursuant to c) i.

21. Operational Consultation Plan for Aboriginal Groups

Enbridge shall file with the Board for approval, and serve a copy on all potentially affected Aboriginal groups, **at least 60 days prior to commencing operations**, a plan for consultation with Aboriginal groups during the operational phase of the Section 58 Facilities. The plan shall include:

- a) a summary of how Aboriginal groups were consulted on the development of the plan, including:
 - i. a list of the Aboriginal groups consulted;
 - ii. a description of the design of and activities undertaken during the consultation;
 - iii. a summary of the results of the consultation in terms of input received from Aboriginal groups; and
 - iv. a description of how input received from Aboriginal groups has informed the design of the plan;
- b) a discussion of how implementation of the plan will be coordinated with regulatory requirements that may involve consultation with Aboriginal groups, such as the communication of information relating to safety, security and protection of the environment pursuant to paragraph 6.5(1)(m) of the *National Energy Board Onshore Pipeline Regulations*;
- c) a description of:
 - i. the consultation methods and tools to be used to implement the plan;
 - ii. how information gathered through the implementation of the plan will be used by Enbridge; and
 - iii. how information gathered through the implementation of the plan will be provided to participating Aboriginal groups; and
- d) a description of how the plan will be regularly evaluated and adapted as appropriate.

22. Operational Consultation Plan for Landowners

Enbridge shall file with the Board for approval, and provide notice to all landowners and a copy upon request, **at least 60 days prior to commencing operations**, a plan for consultation with landowners during the operational phase of the Section 58 Facilities. The plan shall include:

- a) a summary of how landowners were consulted on the development of the plan, including:
 - i. a description of the design of and activities undertaken during the consultation;
 - ii. a summary of the results of the consultation in terms of input received from landowners; and
 - iii. a description of how input received from landowners has informed the design of the plan;

- b) a discussion of how implementation of the plan will be coordinated with regulatory requirements that may involve consultation with landowners, such as the communication of information relating to safety, security and protection of the environment pursuant to paragraph 6.5(1)(m) of the *National Energy Board Onshore Pipeline Regulations*;
- c) a description of:
 - i. the consultation methods and tools to be used to implement the plan;
 - ii. how information gathered through the implementation of the plan will be used by Enbridge; and
 - iii. how information gathered through the implementation of the plan will be provided to participating landowners; and
- d) a description of how the plan will be regularly evaluated and adapted as appropriate.

23. Operation and Maintenance Manual

Enbridge shall file with the Board, **at least 14 days prior to commencing operations**, its Operation and Maintenance Manual.

24. Condition Compliance by the Accountable Officer

Within 30 days after commencing operations, Enbridge shall file with the Board a written confirmation, by its accountable officer, as defined in the *National Energy Board Onshore Pipeline Regulations*, that the Section 58 Facilities were completed and constructed in compliance with all applicable conditions to this Order. If compliance with any of these conditions cannot be confirmed, the accountable officer shall file with the Board details as to why compliance cannot be confirmed. The filing required by this condition shall include a statement confirming that the signatory to the filing is Enbridge's accountable officer.

25. Landowners Issues Resolution Tracking Table

Enbridge shall file with the Board, **within 30 days after commencing operations**, a written confirmation that it created and will maintain records to chronologically track landowner issues resolution related to the Section 58 Facilities. The landowner issues resolution records shall include:

- a) the date the issue was raised with Enbridge;
- b) how the issue was raised with Enbridge (that is, telephone, mail, email);
- c) subsequent dates of all telephone calls, correspondence, site monitoring/inspections, follow up reports and other documentation related to the issue and issue resolution;
- d) updated contact information for all persons involved in the issue resolution;
- e) the date the issue was resolved; and
- f) if the issue was not resolved, any further actions to be taken or a rationale for not taking further action.

26. Noise Mitigation Reporting

Enbridge shall file with the Board, **within 6 months after commencing operations of the Kerrobert, Glenavon, Glenboro and Gretna pump stations**, the results of the noise monitoring to be conducted at those stations once operational, and notification of whether each

station is compliant with Alberta Energy Regulator (AER) Directive 38, as amended or replaced from time to time. For any stations for which the monitoring results indicate non-compliance with Directive 38, Enbridge shall also file with the Board a noise mitigation plan that describes the mitigation measures that will be implemented by Enbridge to bring the station into compliance with Directive 38.

27. Pipeline Geographic Information System (GIS) Data

Enbridge shall file with the Board, **within one year after commencing operations**, GIS data in the form of an Esri® shape file that contains locations and names of pump stations, terminals, custody transfer meters, and block valves (for example, all station bypass valves), as applicable.

The datum must be NAD83 and projection must be geographic (latitudes and longitudes).

28. Air Emissions Monitoring Plan Reporting

Enbridge shall file annual reports with the Board, **on or before 1 March**, outlining the results of air emissions monitoring as part of its Air Emissions Monitoring Plan (**Condition 20**), and any adaptive management responses implemented by Enbridge in response to those results.

29. Noise Monitoring Reporting

For those pump station(s) reported to the Board as non-compliant with AER Directive 38, as amended or replaced from time to time (**Condition 26**), Enbridge shall conduct noise monitoring on completion of noise mitigation implementation and file with the Board, **within 15 months of commencing operations of the pump station(s)**, a report that includes:

- a) the monitoring results;
- b) a description of any mitigation measures that were implemented in addition to those provided in the noise mitigation plan filed with the Board (**Condition 26**); and
- c) confirmation that compliance with AER Directive 38 has been achieved at the station(s) or, where compliance is not reasonably practical due to noise conditions resulting from factors unrelated to the Section 58 Facilities, confirmation that operation of the Section 58 facilities has resulted in a zero net increase in sound levels at that station.

30. Operational Consultation Report

Enbridge shall file with the Board, **five years after commencing operations**, an operational consultation report. The report shall be filed with the Board **on or before 31 December of the reporting year** and shall include:

- a) a summary of the outcomes of the operational consultation plans for Aboriginal groups and landowners (**Conditions 21 and 22**), including activities undertaken and lessons learned;
- b) an assessment of the overall effectiveness of the operational consultation plans for Aboriginal groups and landowners; and

- c) a summary of any changes or improvements that have been made to the operational consultation plans for Aboriginal groups and landowners.

Issued at Calgary, Alberta on 1 December 2016.

NATIONAL ENERGY BOARD

Original signed by

Sheri Young
Secretary of the Board

SCHEDULE A
National Energy Board Order XO-E101-004-2016

Enbridge Pipelines Inc. (Enbridge)
Application dated 5 November 2014
Pursuant to section 58 of the *National Energy Board Act*
Line 3 Replacement Program Project
File OF-Fac-Oil E101-2014-11 02

Line 3 Replacement Pipeline Pump Stations Specifications (Section 58 Facilities) – New Construction

No.	Station Name	Legal Description	Number of Pumps and Power	Product	MOP
1)	Hardisty	S.E. ¼ SEC 30 42-9-W4M, Municipal District of Provost, Alberta	4 @ 6060 HP (4454 KW)	Crude oil (low vapour pressure (LVP) non- sour service)	9,930 kPa (1,440 psi)
2)	Metiskow	S.E. ¼ SEC 1 - TP.40, R.5, W.4, Municipal District of Provost, Alberta	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
3)	Cactus Lake	N.E ¼ SEC 32 - TP.36, R.27, W.3, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
4)	Kerrobert	S.E. ¼ SEC 34 - TP.33, R.22, W.3, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
5)	Herschel	S.W ¼ SEC 16 - TP.31, R.16, W.3, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
6)	West Milden	S.W. ¼ SEC 17 - TP.29, R.11, W.3, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
7)	Loreburn	N.W. ¼ SEC 1 - TP.26, R.5, W.3, Saskatchewan	2 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)
8)	Craik	N.E. ¼ SEC 3 - TP.23, R.29, W.2, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non- sour service)	9,930 kPa (1,440 psi)

SCHEDULE A (continued)
National Energy Board Order XO-E101-004-2016

Line 3 Replacement Program Project

No.	Station Name	Legal Description	Number of Pumps and Power	Product	MOP
9)	Bethune	S.E. ¼ SEC 22 - TP.19, R.24, W.2, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
10)	Richardson	NW SEC. 22 - TP.16, R.18, W2, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
11)	Odessa	S.W. ¼ SEC 35 - TP.15, R.14, W.2, Saskatchewan	2 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
12)	Glenavon	S.E. ¼ SEC 22 - TP.14, R.9, W.2, Saskatchewan	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
13)	Langbank	SW. ¼ SEC 2 - TP.13, R.3, W.2, Saskatchewan	2 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
14)	Cromer	N.E. ¼ SEC 17 - TP.9, R.28, W.1, Manitoba	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
15)	West Souris	S.E. ¼ SEC 16 - TP.8, R.21, W.1, Manitoba	2 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
16)	Glenboro	S.E. ¼ SEC 3 - TP.7, R.14, W.1, Manitoba	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
17)	St-Leon	S.W. ¼ SEC 33 - TP.4, R.9, W.1, Manitoba	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)
18)	Gretna	S.E. ¼ SEC 8 - TP.1, R.1, W.1, Manitoba	3 @ 6060 HP (4454 KW)	Crude oil (LVP non-sour service)	9,930 kPa (1,440 psi)

SCHEDULE A (continued)
National Energy Board Order XO-E101-004-2016

Line 3 Replacement Program Project

Line 3 Replacement Pipeline Storage Tanks Specifications (Section 58 Facilities)
New Construction

Specification	Tank 48	Tank 49	Tank 50
Tank diameter	60 m	60 m	60 m
Tank height	21.1 m	21.1 m	21.1 m
Roof type	Internal floating roof	Internal floating roof	Internal floating roof
Nominal capacity	54,500 m ³	54,500 m ³	54,500 m ³
Working capacity	50,000 m ³	50,000 m ³	50,000 m ³
Product	Crude oil (LVP non-sour service)	Crude oil (LVP non-sour service)	Crude oil (LVP non-sour service)