# Commitments Tracking Table

**Many Islands Pipe Lines (Canada) Limited**

**Pierceland Supply Project**

**Accountable Lead**

| Team Accountable | Lead Accountable | Contact Information |
|---|---|---|
| Engineering | Naveed Hayder | (306) 539-8681<br>nhayder@saskenergy.com |
| Land Services | Landon Thiessen | (306) 519-8463<br>Lthiessen@saskenergy.com |
| Environment | Mark Ealey | (306) 250-1825<br>mealey@saskenergy.com |
| Construction | Eric Morley | (306) 536-6399<br>Emorley@saskenergy.com |
| Construction - Compression | Cletis Mamer | (306) 529-6351<br>cmamer@saskenergy.com |
| Operations and Emergency Management | Darren Janke | (306) 536-2502<br>djanke@saskenergy.com |
| Public Awareness | Wade Goodwin | (306) 570-1546<br>wgoodwin@saskenergy.com |
| Indigenous and Community Engagement | Cony Parisien | (306) 541-7462<br>cparisien@saskenergy.com |
| Safety | Robert Taylor | (306) 539-4021<br>rtaylor@saskenergy.com |
| Security | Caleb Taylor | (306) 527-4334<br>ctaylor@saskenergy.com |
| System Integrity | Dan Zulkoski | (306) 550-6410<br>dzulkoski@saskenergy.com |

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**Many Islands Pipe Lines (Canada) Limited**
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**Regulatory and Engineering - Version 11 - June 21, 2021**

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| 1 | Engineering Team | NEB<br>Stakeholders<br>Indigenous Stakeholders | Continued application of the Engagement Process policies and goals<br>NEB Filing Manual 3.4 | Application - Part 5, Section 6.1.1 | Project Lifecycle | In Progress | | |
| 2 | Engineering Team | NEB<br>Stakeholders<br>Indigenous Stakeholders | Continued application of SaskEnergy corporate policies - External Corporate Communications Policy, Environmental & Sustainability Policy Statement, Aboriginal Policy, Crown Investments Corporation of Saskatchewan - Duty to Consult.<br>NEB Filing Manual 3.4.1 | Application - Part 5, Section 6.1.1.2 | Project Lifecycle | In Progress | | |
| 3 | Land Services | NEB<br>Stakeholders<br>Indigenous Stakeholders | Follow-up engagement as requested by the stakeholders<br>NEB Filing Manual 3.4.2 | Application - Part 5, Section 6.2.3.5 | Project Lifecycle | In Progress | | |
| 4 | Land Services | NEB<br>Stakeholders<br>Indigenous Stakeholders | Consultation with the stakeholders in the event of a significant change to the Project or Project Schedule<br>NEB Filing Manual 3.4.3 | Application - Part 5, Section 6.2.3.6 | Project Lifecycle | In Progress | | |
| 5 | Land Services | NEB<br>Stakeholders<br>Indigenous Stakeholders | Maintain the Engagement Tracking Log with all notification and engagement activities undertaken following submission of the s58 Application | Application - Part 5 | Project Lifecycle | In Progress | | |
| 6 | Engineering Team | NEB | Construction start - September 2020 tree clearing on right-of-way and compressor site<br>Compressor station construction to start September 2021 and planned in-service date of October 2021<br>Pipeline construction, September 2020 to August 2021.<br>NEB 31 | Application - Part 1, Section 1.8.1 | During Construction | In Progress | | |
| 7 | Engineering Team | NEB | Leave to Open Application (if exemption not granted)<br>NEB 47, NEB Filing Manual AA.1 | Application - Part 1 | Prior to Operations<br>2 week prior to start of Operations | Not Started | | |
| 8 | System Integrity | NEB | Inclusion of the Project in the ACE, including annual filings<br>OPR 6.6(1) | Application - Part 3, Section 5.1.1 | Operations<br>Following completion of the Project | Not Started | | |
| 9 | Engineering Team | NEB | Class location review<br>OPR 42, NEB Filing Manual A.1, NEB Filing Manual Guide E | Application - Part 2, Section 3.1.2.3 | Project Lifecycle | Commitment Complete | | |
| 10 | Engineering Team | NEB | HDD coating assessments for any bores and HDDs that are greater than 100 m in length | Application - Part 2, Section 3.1.2.6.1 | Project Lifecycle | Commitment Complete | | |
| 11 | Engineering Team | NEB | A close interval potential survey (CIPS) | Application - Part 2, Section 3.1.2.6.1 | Operations<br>Within 12 months of commissioning and startup | Not Started | | |
| 12 | Engineering Team | NEB | For a period of 12 months (or more) prior to tie-in with a permanent CP system, install temporary CP using one or more sacrificial magnesium anodes. | Application - Part 2, Section 3.1.2.6.1 | Project Lifecycle | Not Started | | |
| 13 | Engineering Team | NEB | Install and commission the permanent CP system | Application - Part 2, Section 3.1.4.8.1 | Operations<br>Within 12 months of CS installation | Not Started | | |
| 14 | Engineering Team | NEB | Continued Inline Inspections<br>OPR 40, NEB Filing Manual A.2.8 | Application - Part 1, Section 1.4.1.2 | Project Lifecycle | Not Started | | |
| 15 | Engineering Team | NEB | Station piping inspection<br>OPR 40, NEB Filing Manual A.2.8 | Application - Part 1, Section 1.4.1.2 | Project Lifecycle | Not Started | | |
| 16 | Engineering Team | NEB | Project-specific Pressure Testing Program.<br>OPR 23, OPR 25, NEB Filing Manual AA.1 | Application - Part 2 - Section 3.2.3.7. | Prior to Operations<br>2 weeks prior to pressure testing if LTO (s.47) exemption has NOT been granted | Commitment Complete | | |
| 17 | Engineering Team | NEB | A project-specific Field Joining Program will be available onsite during construction. It shall be made available to the NEB if requested.<br>OPR 16, NEB Filing Manual AA.1 | Application - Part 2 - Section 3.2.3.2 | Prior to Construction<br>2 weeks prior to field Construction start if:<br>- sour gas<br>- joining non routine material<br>- non routine procedures<br>grade higher than 483 Mpa | Commitment Complete | | This document covers pipeline construction only and will be revised prior to compressor station construction. |
| 18 | Environment Team | NEB | Preparation of a Project-specific Environmental Protection Plan (EPP) | Application - Part 1, Section1.4.1 | Prior to Construction | Commitment Complete | | |
| 19 | Engineering Team | NEB | Record retention - all project records will be retained in accordance with the RIM system / program.<br>OPR 6.5 (1)(p), 56 | Application - Part 1, Section 1.4.1.7 | Project Lifecycle | In Progress | | |
| 20 | Land Services | NEB<br>PLA (AB and SK) | Submission of a Public Lands Act disposition applications (Saskatchewan and Alberta) | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 21 | Environment Team | NEB<br>EAA (SK) | Submission of a Saskatchewan Environmental Assessment Act application (Oil and Gas Project Proposal)<br>NEB Filing Manual 3.4.2, Saskatchewan EAA 7.2 | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 22 | Environment Team | NEB<br>EMPA (SK) | Submission of Saskatchewan Environmental Management Protection Act application (Aquatic Habitat Protection Permits)<br>NEB Filing Manual 3.4.2 | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 23 | Construction, Engineering and Environmental Teams | NEB | Submission of Use of Water application<br>OPR 24, NEB filing Manual A.2.8, Table A-2 | Application - Part 1, Section 1.6 | Construction Contractor<br>During Construction | Not Started | | |

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| 24 | Construction, Engineering and Environmental Teams | NEB | Submission of Discharge of hydrostatic test waters application<br>OPR 24, NEB filing Manual A.2.8, Table A-2 | Application - Part 2, Section 3.2.3.7 | During Construction | Complete | | No water disposal permit was required in the circumstances. |
| 25 | Engineering Team | NEB | Generate an O&M Manual for Pierceland West Compressor Station and Cold Lake - Beacon Hill NPS 20 Loop Pipeline<br>OPR 27 | Application - Part 2, Section 3.2.3.8 | Prior to Operations<br>During Construction | in Progress | | |
| 26 | Engineering Team | NEB<br>RM and Ministry of Highways | Submission of Road Crossing and Approach Agreements (RM and Ministry of Highways)<br>OPR 51 | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 27 | Engineering Team | NEB<br>RM | Submission of Development Permit and Building Permits (RM) | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 28 | Engineering Team | NEB<br>Pipeline Owners | Pipeline crossing, paralleling and proximity agreements<br>OPR 51 | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | |
| 29 | Engineering Team | NEB<br>TSASK | Pressure vessel and piping registration with TSASK | Application - Part 1, Section 1.6 | Prior to Construction | Commitment Complete | | Piping Registration received from TSASK. |
| 30 | Land Services | NEB | Notice of the actual date when your company's filing was completed<br>OPR 6.6(1) | NEB Section 58 OAS - Consultation Self -Assessment Checklist Question # C4. | Prior to Construction<br>Within 72 hours of filing | Commitment Complete | | |
| 31 | Operations and Emergency Management Team | NEB | Update the current Emergency Response Manual to include the Project.<br>OPR 6.5(1)(t), OPR 32-35, Annex A(2), Order XG-017-2020, NEB Filing Manual AA.1 | Application - Part 1, Section 1.4.1.1 | Prior to Operations<br>Submit updated ERP Manual to NEB upon completion and 2 weeks prior to start-up of Project operations (i.e., DATE). | In Progress | Align the implementation of this Commitment to Condition #13 of Order XG-017-2020 - i.e., 30 days prior to operations | |
| 32 | Public Awareness Team | NEB<br>Residents | Annual public awareness package delivery to residents that live near, adjacent to, or have pipeline crossing their land.<br>OPR 35 | Application - Part 1, Section 1.4.1.1 | Project Lifecycle | In Progress | | |
| 33 | Operations and Emergency Management Team | NEB | Annual management reviews of the Unified Management System (UMS) and its associated Programs.<br>OPR Section 6.5(1)(x) | Application - Part 2, Section 3.2.3.11 | Project Lifecycle | Commitment Complete | | |
| 34 | Engineering Team | NEB | Consultation with relevant safety procedures related to the conditions, hazards, potential hazards, and/or equipment involved in the work<br>OPR 6.5(1)(q), OPR 47 | Operation and Maintenance Manual | Project Lifecycle | In Progress | | |
| 35 | Engineering Team | NEB | Consultation with relevant environmental procedures related to the conditions, hazards, potential hazards and/or equipment involved in the work.<br>OPR 6.5(1)(q), OPR 48 | Operation and Maintenance Manual | Project Lifecycle | In Progress | | |
| 36 | Engineering Team | NEB | Four (4) weeks prior to the start of construction (timing as specified in the Filing Manual), submit a Construction Safety Manual pursuant to OPR 20(1). MIPL(C)L has committed to submission soon after the construction contractor has been selected.<br>OPR 20, PPR 27, NEB Filing Manual AA.1 | NEB Filing Manual - Chapter 6.AA.1-4 - Construction Safety Manual and Application Part 2, Section 3.2.3.6 | Prior to Construction<br>Four weeks prior to start of construction. | Commitment Complete | | |
| 37 | Engineering Team | NEB<br>Stakeholders<br>Indigenous Stakeholders | Land Acquisition and Routing Update. MIPL(C)L had proposed milestone dates, e.g. March 31, 2020, to have outstanding stakeholders land rights acquired. The milestone was not reached and the new projected date to have all land rights obtained with these stakeholders is now May 22, 2020. All land acquired except one LSD. This is an estate issue and needs to go through Right of Entery applicaiton process. | Application - Part 1, Section 1.6<br>C04518-8 Information Request #1, Attachment 5 | Prior to and During Construction | Commitment Complete | | ROE submitted to CER on September 14, 2020. CER approval received on January 5, 2021. |
| 38 | Engineering Team | NEB | MIPL(C)L to comply with new CSA Z662-19, the following clauses have been updated:<br>Clause 4.1.11 - Design documents and records shall be maintained in accordance with CSA Z662-19 and the OPR for the life of the pipeline system<br>Clause 4.3.1.4 Design criteria - machined transition pieces.<br>Clause 4.14 Design of Compressor Stations<br>Clause 4.14.3.9 Safety Devices | C04518-9 Information Request #1 - Response 1.12, Attachment 6<br>Z662-19 - Clause 4 | Project Lifecycle | In Progress | | |
| 39 | Engineering Team | NEB | MIPL(C)L to comply with new CSA Z662-19, the following clauses have been updated:<br>Clause 5.2.6.4 - For blind flanges to a maximum size of NPS 24, threaded auxiliary connections shall meet the requirements of ASME B16.5, clauses 6.12.2 and Figure 11.<br>Clause 5.2.7.1 - Entire chamfer of bolts and studs shall extend beyond the face of the associated nuts. | C04518-9 Information Request #1 - Response 1.12, Attachment 6<br>Z662-19 - Clause 5 | During Construction | In Progress | | |
| 40 | Engineering Team | NEB | MIPL(C)L to comply with new CSA Z662-19, the following clauses have been updated:<br>Clause 6.2.3 Bends and elbows in steel piping - The new piping misalignment angle formula will be incorporated in MIPL(C )L's Pipeline Construction Specification.<br>Clause 6.2.10 Installation of crossings/ Clause 6.2.10.1 - Construction planning documentation requirements will be standardized. MIPL(C)L will include a checklist to its inspectors for the documentation and crossing approvals they shall have on hand.<br>Clause 6.2.10.3 General trenchless crossing requirements - MIPL(C)L will ensure that the evaluation of the carrier pipe and coating integrity requirements are addressed in the TGL specification.<br>Clause 6.3.3.3 - Dents<br>Clause 6.3.4.2 - Pipe out of roundness<br>Clause 6.5.2.3 - Senior inspector will have API RP 1169 certification for this Project.<br>Clause 6.6 Precautions to avoid uncontrolled fires | C04518-9 Information Request #1 - Response 1.12, Attachment 6<br>Z662-19 - Clause 6 | Prior to and During Construction | In Progress | | |

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| 41 | Engineering Team | NEB | MIPL(C)L to comply with new CSA Z662-19, the following clauses have been updated:<br>Clause 7.6.4.4 Base materials - CE of existing 12-inch pipe will need to be confirmed as acceptable for existing (updated) Weld Procedure Specifications (WPSs).<br>Clause 7.9.10.2 - Confirm interpass temperature requirements in existing WPSs to be used.<br>Clause 7.9.14.4 - Ensure contractor uses proven up to date WPSs and PQRs.<br>Clause 7.10.4.1 Methods - NDI procedures shall be approved by a Level III technician.<br>Clause 7.13.2 Radiographic procedure<br>Clause 7.15.3.1 - Ultrasonic inspection shall be performed in accordance with a documented and approved procedure.<br>Clause 7.15.10.3.1 General UI<br>Clause 7.15.10.3.2 Linear surface indications<br>Clause 7.15.10.3.3 Linear buried indications<br>Clause 7.15.10.3.4 Transverse indications<br>Clause 7.15.10.3.5 Volumetric cluster indications<br>Clause 7.15.10.3.6 Volumetric root indications<br>Clause 7.15.10.3.7 Accumulation of indications<br>Clause 7.15.10.4 - Weld connections preventing proper interpretation of ultrasonic indications<br>Clause 7.15.8.3 - Ultrasonic inspection of material with less then 6 mm WT | C04518-9 Information Request #1 - Response 1.12, Attachment 6 Z662-19 - Clause 7 | During Construction | In Progress | | |
| 42 | Engineering Team | NEB | MIPL(C)L to comply with CSA Z662-19, the following clauses have been updated:<br>8.1.9 - Welds joining piping permitted under clause 8.1.7 to be excluded from the pressure test requirements shall be NDI'd as specified in clause 7.10.<br>Clause 8.7.7.2 Pressure test mediums - The filed pressure testing plan shall detail the pressure measurement instruments and recorders to be used. MIPL(C)L to review calibration certificates for all pressure testing instruments. | C04518-9 Information Request #1 - Response 1.12, Attachment 6 Z662-19 - Clause 8 | Prior to and During Construction | In Progress | | |
| 43 | Engineering Team | NEB | MIPL(C)L to comply with CSA Z662-19, the following clauses and tables have been updated: | C04518-9 Information Request #1 - | Prior to and During Construction | In Progress | | |
| 44 | Environment Team | NEB<br>Stakeholders<br>Indigenous Stakeholders | MIPL(C)L will conduct post-construction inspections to confirm the success of reclamation activities at wetlands disturbed during construction. (See response for full details.) | C05774-1 Information Request #2 Response 2.7 | Prior to Operations | Not Started | | |
| 45 | Engineering Team | NEB<br>Stakeholders | MIPL(C)L plans, when conducting a competition to select the vendor or vendors to construct and install the pipeline associated with this Project, to have 5% of the total score of each vendor to be based on their Indigenous employment component. Specifically, vendors will be scored based on the number of Indigenous personnel the vendor would plan to employ if awarded the identified work. | C05774-1 Information Request #2 Response 2.8 | Prior to Construction | Commitment Complete | | |
| 46 | Engineering Team | NEB<br>Stakeholders<br>Indigenous Stakeholders | MIPL(C)L plans to utilize an online training module to conduct cultural awareness training for construction workers. The training will be made available to all construction workers but will not be required for intermittent workers (e.g. delivery drivers). | C05774-1 Information Request #2 Response 2.9 | Prior to Construction | Commitment Complete | | |
| 47 | Engineering Team | NEB | The Commission requires MIPL(C)L to apply for Leave to Open pursuant to section 213 of the CER Act, prior to the facilities being placed in operation. | C07461-1 Letter Decision | Prior to Operations | Not Started | | |
| 48 | Engineering Team | CER | 1. Condition Compliance<br>MIPL(C)L must comply with all of the conditions contained in this Order unless the Commission otherwise directs. | C07461-3 Order XG-017-2020 Condition 1 | Operations<br>Ongoing requirement through post-approval timeframe | In Progress | | |
| 49 | Engineering Team | CER | 2. Facilities and Activities Design, Location, Construction and Operation<br>Subject to Condition 15, MIPL(C)L must cause the approved Project to be designed, located, constructed, installed, and operated in accordance with the specifications, standards, commitments made and other information referred to in its application or in its related submissions. | C07461-3 Order XG-017-2020 Condition 2 | Project Lifecycle | In Progress | | |
| 50 | Environment Team | CER | 3. Environmental Protection<br>MIPL(C)L must 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. | C07461-3 Order XG-017-2020 Condition 3 | Project Lifecycle | In Progress | | |
| 51 | Engineering Team | CER<br>CLFN<br>MN-S | 4. Construction Monitoring Plan<br>a) MIPL(C)L must file with the CER, at least 30 days prior to commencement of construction, a plan describing participation by Cold Lake First Nation (CLFN) and Métis Nation – Saskatchewan (MN-S) Elders and/or Indigenous people performing the role of Construction Monitor in monitoring activities prior to and during construction. Activities include monitoring for adverse environmental impacts, heritage resources, areas related to traditional land and resource uses,<br>and areas of cultural significance. (See XG Order for details) | C07461-3 Order XG-017-2020 Condition 4.a) | Prior to Construction<br>30 days prior to commencement of construction | Commitment Complete | | |
| 52 | Indigenous and Community Engagement Team | CER | 4. Construction Monitoring Plan<br>b) MIPL(C)L must provide a copy of the plan to CLFN and MN-S; and MIPL(C)L must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies. | C07461-3 Order XG-017-2020 Condition 4.b) | Prior to Construction<br>Within 7 days of filing with CLFN and MN-S | Commitment Complete | | |

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| 53 | Engineering Team | CER<br>Stakeholders<br>Indigenous Stakeholders | 5. Commitments Tracking Table<br>MIPL(C)L must:<br>a) File with the CER, post on its website, and notify all potentially affected Indigenous peoples who have expressed to MIPL(C)L an interest in this Project, at least 30 days prior to the commencement of construction, a Commitments Tracking Table (CTT) listing all commitments made by MIPL(C)L in its Project Application or in its related submissions (See XG Order for details) | C07461-3 Order XG-017-2020<br>Condition 5.a) | Prior to Construction<br>30 days prior to commencement of construction | Commitment Complete | | |
| 54 | Engineering Team | CER<br>Stakeholders<br>Indigenous Stakeholders | 5. Commitments Tracking Table<br>MIPL(C)L must:<br>b) Update the status of the commitments in a) on its Project website and file these updates with the CER and all potentially affected Indigenous peoples who have expressed to MIPL(C)L an interest in this Project on:<br>i) a monthly basis until commencing operations; and<br>ii) a quarterly basis until the end of the first year following the commencement of operations. | C07461-3 Order XG-017-2020<br>Condition 5.b) | Operations<br>Until the end of the of the first year following the commencement of operations | In Progress | | |
| 55 | Engineering Team | CER<br>Stakeholders<br>Indigenous Stakeholders | 5. Commitments Tracking Table<br>MIPL(C)L must:<br>c) Maintain at its Project site during the life cycle of the Project:<br>i) the CTT listing all regulatory commitments and their completion status, including, but not limited to, those commitments resulting from MIPL(C)L's Project Application and subsequent filings and conditions from permits, authorizations and approvals;<br>ii) copies of any permits, approvals or authorization issued by federal, provincial or other permitting authorities, which include environmental conditions or site-specific mitigation or monitoring measures; and<br>iii) any subsequent variances to any permits, approvals or authorizations in c)ii). | C07461-3 Order XG-017-2020<br>Condition 5.c) | Project Lifecycle | In Progress | | |
| 56 | Engineering Team | CER<br>Stakeholders<br>Indigenous Stakeholders | 6. Traditional Land and Resource Use Discovery Contingency Plan<br>MIPL(C)L must file with the CER, at least 15 days prior to the commencement of construction:<br>a) a Traditional Land and Resource Use Discovery Contingency Plan, including:<br>i) field measures that would be undertaken if a Traditional Land or Resource Use is discovered during construction; and<br>ii) a description of how concerns or issues raised by Elders and/or Indigenous peoples performing the role of Construction Monitors, if any, are incorporated into contingency planning.<br>b) confirmation that the Traditional Land and Resource Use Discovery Contingency Plan has been included in the updated Project-specific Environmental Protection Plan (EPP). | C07461-3 Order XG-017-2020<br>Condition 6 | Prior to Construction<br>15 days prior to commencement of construction | Commitment Complete | | |
| 57 | Engineering Team | CER<br>CLFN<br>MN-S | 7. Pre-Construction Engagement Report<br>a) MIPL(C)L must file with the CER, and serve a copy on CLFN and MN-S, at least 15 days prior to the commencement of construction, a report summarizing MIPL(C)L's engagement activities undertaken with CLFN and MN-S (see XG Order for details) | C07461-3 Order XG-017-2020<br>Condition 7.a) | Prior to Construction<br>15 days prior to commencement of construction | Commitment Complete | | |
| 58 | Engineering Team | CER | 7. Pre-Construction Engagement Report<br>b) MIPL(C)L must, within 7 days of filing the Report, provide confirmation to the CER that it has provided copies to CLFN and MN-S. | C07461-3 Order XG-017-2020<br>Condition 7.b) | Prior to Construction<br>Within 7 days of filing with CLFN and MN-S | Commitment Complete | | |
| 59 | Environment Team | CER<br>CLFN<br>MN-S<br>Applicable Stakeholders | 8. Heritage Resource Clearances<br>a) MIPL(C)L must file with the CER and all potentially affected Indigenous peoples who have expressed to MIPL(C)L an interest in this Project, at least 15 days prior to the commencement of construction:<br>i) confirmation that MIPL(C)L has obtained all of the required archaeological and heritage resource clearances and authorizations from Alberta Ministry of Culture, Multiculturalism and Status of Women and Saskatchewan Heritage Resource Conservation Branch;<br>ii) a description of how MIPL(C)L will meet any conditions and respond to any comments and recommendations contained in the clearances and<br>authorizations referred to in i); and<br>iii) a description of how MIPL(C)L has incorporated additional mitigation<br>measures as applicable into its EPP as a result of conditions or recommendations referred to in | C07461-3 Order XG-017-2020<br>Condition 8.a) | Prior to Construction<br>15 days prior to commencement of construction | Commitment Complete | | |
| 60 | Engineering Team | CER | 8. Heritage Resource Clearances<br>b) MIPL(C)L must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies. | C07461-3 Order XG-017-2020<br>Condition 8.b) | Prior to Construction<br>Within 7 days of filing with CLFN and MN-S | Commitment Complete | | |
| 61 | Engineering Team | CER | 9. Construction Schedule<br>MIPL(C)L must, at least 14 days prior to the commencement of construction of the approved facilities, file with the CER a detailed construction schedule or schedules identifying major construction activities and must notify the CER of any modifications to the schedule or schedules as they occur. | C07461-3 Order XG-017-2020<br>Condition 9 | Prior to Construction<br>14 days prior to commencement of construction | Commitment Complete | | |

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| 62 | Engineering Team | CER | 10. Road Crossing - Horizontal Directional Drilling (HDD) Contingency Plan MIPL(C)L must file with the CER, at least 30 days prior to performing an HDD at a road crossing, a feasibility report of the proposed HDD and a description of the contingency plan to be used if the HDD is not successful. | C07461-3 Order XG-017-2020 Condition 10 | Prior to Construction 30 days prior to performing an HDD at a road crossing | Commitment Complete | | |
| 63 | Engineering Team | CER | 11. Creek Crossing - Horizontal Directional Drilling Contingency Plan MIPL(C)L must file with the CER, at least 30 days prior to performing an HDD crossing at either of the two unnamed creeks in its Application, a description of the contingency plan to be used if the HDD is not successful. | C07461-3 Order XG-017-2020 Condition 11 | Prior to Construction 30 days prior to performing an HDD at either of the two (2) unnamed creeks | Commitment Complete | | |
| 64 | Engineering Team | CER | 12. Auxiliary and Low Pressure Piping Exemption from Leave to Open (LTO) Filing MIPL(C)L must file with the CER, for approval, at least 30 days prior to applying for LTO of the Pierceland West Compressor Station, a table listing all auxiliary and low pressure piping proposed to be exempt from LTO. (see XG Order for details) | C07461-3 Order XG-017-2020 Condition 12 | Prior to Operations 30 days prior to applying for LTO of the Pierceland West Compressor Station | In Progress | | |
| 65 | Operations and Emergency Management Team | CER | 13. Emergency Management Program MIPL(C)L must file with the CER, at least 30 days prior to commencing operations:<br>a) confirmation that it has updated its Emergency Management Program;<br>b) confirmation that it has updated its Emergency Procedures Manual to include assets and risks associated with the Project;<br>c) confirmation that it has updated the links on MIPLCL.com for the company's Emergency Management Program information and Emergency Response Manual; and<br>d) confirmation that the Project route has been assessed to identify sensitive areas, as defined in Annex A of the Canadian Energy Regulator Onshore Pipeline Regulations (OPR) Guidance Notes. If sensitive areas are present along the pipeline route for the Project, MIPL(C)L must provide confirmation that site specific emergency response plans have been developed. | C07461-3 Order XG-017-2020 Condition 13 | Prior to Operations 30 days prior to commencing operations | In Progress | | |
| 66 | Engineering Team | CER | 14. Technical Specification Updates MIPL(C)L must file with the CER any technical specification updates for the Project components listed in the Application concurrently with its LTO application.<br>Technical specification updates are limited to differences in pipe length, diameter, wall thickness, grade or material that do not impact any other aspect of the Project as approved. | C07461-3 Order XG-017-2020 Condition 14 | Prior to Operations Concurrently with its LTO application | Not Started | | |
| 67 | Land Services | CER<br>CLFN<br>MN-S | 15. Post-Construction Engagement Report<br>a) MIPL(C)L must file with the CER, and serve a copy on CLFN and MN-S, within 15 days after completing construction, a Report summarizing MIPL(C)L's consultation activities undertaken with CLFN and MN-S (see XG Order for details) | C07461-3 Order XG-017-2020 Condition 15.a) | Prior to Operations Within 15 days after completing construction | Not Started | | |
| 68 | Indigenous and Community Engagement Team | CER | 15. Post-Construction Engagement Report<br>b) MIPL(C)L must, within 7 days of filing the Report, provide confirmation to the CER that it has provided copies to CLFN and MN-S. | C07461-3 Order XG-017-2020 Condition 15.b) | Prior to Operations Within 7 days of filing with CLFN and MN-S | Not Started | | |
| 69 | Engineering Team | CER | 16. Condition Compliance by the Accountable Officer<br>Within 30 days of the date that the approved Project is placed in service, MIPL(C)L must file with the CER a confirmation that the approved Project was completed and constructed in compliance with all applicable conditions in this Order. If compliance with any of these conditions cannot be confirmed, MIPL(C)L must file with the CER 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 the accountable officer of MIPL(C)L, appointed as Accountable Officer pursuant to s.6.2 of the OPR. | C07461-3 Order XG-017-2020 Condition 16 | Operations Within 30 days of the date that the approved Project is placed in service | Not Started | | |
| 70 | Indigenous and Community Engagement Team | CER | 17. Post-Construction Monitoring Plan<br>a) MIPL(C)L must file with the CER, within 90 days after the date that the last Order for LTO is issued, a plan describing participation by CLFN and MN-S Elders or Indigenous people performing the role of Construction Monitor in monitoring activities during post-construction of the Project. (see XG Order for details) | C07461-3 Order XG-017-2020 Condition 17.a) | Operations Within 90 days after the date that the last Order for LTO is issued | Not Started | | |
| 71 | Indigenous and Community Engagement Team | CER<br>CLFN<br>MN-S | 17. Post-Construction Monitoring Plan<br>b) MIPL(C)L must provide a copy of the plan to CLFN and MN-S; and MIPL(C)L must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies. | C07461-3 Order XG-017-2020 Condition 17.b) | Operations Within 7 days of filing with CLFN and MN-S | Not Started | | |

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| 72 | Engineering Team | CER | 18. Employment, Contracting, and Procurement Report<br>a) MIPL(C)L must file with the CER, within 3 months after the date that the last Order for LTO is issued, a report on employment, contracting, and procurement for the Project that occurred during the construction phase. (see XG Order for details) | C07461-3 Order XG-017-2020<br>Condition 18.a) | Operations<br>Within 3 months after the date that the last Order for LTO is issued | In Progress | | |
| 73 | Indigenous and Community Engagement Team | CER<br>Indigenous Stakeholders | 18. Employment, Contracting, and Procurement Report<br>b) MIPL(C)L must also provide a copy to all Indigenous peoples who have expressed an interest in receiving a copy; and MIPL(C)L must, within 7 days of the filing in a), provide confirmation to the CER that it has provided those copies. | C07461-3 Order XG-017-2020<br>Condition 18.b) | Operations<br>Within 7 days of filing with CER | In Progress | | |
| 74 | Environment Team | CER | 19. Post-Construction Environmental Monitoring Reports<br>a) On or before 1 February following each of the first, third and fifth complete growing seasons after completing final clean-up of areas disturbed during construction, MIPL(C)L must file with the CER a post-construction environmental monitoring report (see XG Order for details). | C07461-3 Order XG-017-2020<br>Condition 19.a) | Operations<br>On or before 1 February following each of the first, third and fifth complete growing seasons | Not Started | | |
| 75 | Indigenous and Community Engagement Team | CER<br>Indigenous Stakeholders | 19. Post-Construction Environmental Monitoring Reports<br>b) MIPL(C)L must provide a copy of the report to all Indigenous peoples who have expressed an interest in receiving a copy; and MIPL(C)L must, within 7 days of the filing, provide confirmation to the CER that it has provided those copies. | C07461-3 Order XG-017-2020<br>Condition 19.b) | Operations<br>Within 7 days of filing with CER | Not Started | | |
| 76 | Engineering Team | CER | 20. Sunset Clause<br>This Order shall expire on 17 July 2023 unless construction of the Project has commenced by that date. | C07461-3 Order XG-017-2020<br>Condition 20 | Construction must commence prior to 17 July 2023 | Not Started | | |
| 77 | Indigenous and Community Engagement Team<br>Land Services Team | CER | All Stakeholders and Indigenous Communities will be sent a Notice of Supplemental Filing/Project Update Letter advising of the recent filings with the CER and methods to locate future updates on the MIPL(C)L website. This will also provide links to filings to date on the CER website, including the Application, the Information Request Reply, and the Supplemental Filing (C04510). | C04518-2 Information Request #1 - Response 1.2 | Prior to Construction | Commitment Complete | | |
| 78 | Land Services Team | CER | For any unresolved issues, MIPL(C)L will continue negotiations with property owners / occupants to try to resolve any issues in order to secure land rights. As applicable, post order MIPL(C)L may apply for right-of-entry while communications continue to take place with property owners. If a mutual agreement can be reached, then land rights would be secured via easement and not right-of-entry. | C04518-2 Information Request #1 - Response 1.2 | Prior to Construction | Commitment Complete | | |
| 79 | Environment Team | CER | MIPL will conduct a reconnaissance survey of the staging area to confirm existing conditions and identify potential environmental sensitivities (e.g. wetlands, wildlife features). | C006761-1 Supplementary Filing #4 (Staging Area) | Prior to construction | Commitment Complete | | |
| 80 | Environment Team | CER | Nearby residents and businesses will be engaged and appropriate mitigation measures will be implemented as required. There will be an avenue for complaints and a process in place for conflict resolution. | C006761-1 Supplementary Filing #4 (Staging Area) | During Construction | In Progress | | |
| 81 | Environment Team | CER | Based on the results of the survey, additional mitigation measures will be implemented and incorporated into the Projects Environmental Protection Plan and environmental alignment sheets. Updates to the traffic/travel plan as required. | C006761-1 Supplementary Filing #4 (Staging Area) | During Construction | In Progress | | |
| 82 | Engineering Team | CER | Commitments made in the feasibility report and contingency plan for Road Horizontal Directional Drilling | C07461-3 Order XG-017-2020<br>Condition 10 | During Construction | Commitment Complete | | |
| 83 | Engineering Team | CER | Commitments made in the feasibility report and contingency plan for Creek Horizontal Directional Drilling | C07461-3 Order XG-017-2020<br>Condition 11 | During Construction | Commitment Complete | | |
| 84 | Project Security | CER | The project will comply with the most recent version of all applicable acts, regulations, and standards, including CSA Z246.1 | OAS - Security Section 1 | Prior to Construction | Commitment Complete | | Ongoing |
| 85 | Project Security | CER | The applicant has conducted and documented a security assessment for the project | OAS - Security Section 2 | Prior to construction | Commitment Complete | | |
| 86 | Project Security | CER | Based on the security assessment, the applicant has developed a Security Plan that is applicable to the project | OAS - Security Section 3 | Prior to construction | Commitment Complete | | |
| 87 | Project Security | CER | All activities associated with the Project will comply with section 47.1 of the OPR by adherence to the Corporate Security Management Program and Code of Conduct which will meet or exceed applicable laws and regulation, and will align with the NEB's OPR requirements | CSA 246.1<br>Application - Section 1.4.1.4 | Prior to Construction | Commitment Complete | | Ongoing |
| 88 | Project Safety | CER | File Saskatchewan Construction Safety Manual documentation | OPR Section 20 | Prior to Construction | Commitment Complete | | |
| 89 | Project Safety | CER | File Alberta Construction Safety Manual documentation | OPR Section 20 | Prior to Construction | Commitment Complete | | |
| 90 | Project Safety | CER | Make Construction Safety Manual documentation available on site | OPR Section 20 | Prior to Construction | Commitment Complete | | The construction Safety Manual will continue to be made available for all future contractors and subcontractors |
| 91 | Project Safety | CER | Update Maintenance Safety Manual (project specific) | OPR Section 31 | Prior to Operations | In Progress | | |
| 92 | Project Safety | CER | Make Maintenance Safety Manual documentation available on site | OPR Section 31 | Prior to Operations | In Progress | | |
| 93 | Project Safety | CER | Follow mandated Corporate safety processes and procedures. | Project Application 1.4.1.3. | Project lifecycle | In Progress | | |
| 94 | Project Safety | CER | Report confirmed COVID-19 cases at CER regulated worksites | CER website update (Sept. 10, 2020) | During Construction | In Progress | | |

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|---|---|---|---|---|---|---|---|---|
| 95 | Construction Team | CER | Meet commitments made under CV2021-121 , including - CNC 1 - Equipment fire extinguisher missing, CNC 2 - Equipment spill kit missing, CNC 3 - Bulk Fuel Tanks in yard - fire extinguishers, and Information Request 1 - Waste Management | CER Environmental Inspection | During Construction | Commitment Complete | | |
| 96 | Construction Team | CER | Meet commitments made under CV2021-120, including CNC 1 - Side Boom without Log Books, IOO-DM-001-2021_Observation 1, Worker breathing air supply system, IOO-DM-001-2021_Observation 2, Workers respiratory protective equipment, IOO-DM-001-2021_Observation 3, Worker fit testing program, IOO-DM-001-2021_Observation 4, Applicability of WHMIS 2015 and workplace Safety Data Sheets, and related IRs. | CER Environmental Inspection | During Construction | Commitment Complete | | |
| 97 | Project Safety | CER | CV2021-21 – Complete company actions - NNC 1 - Globally Harmonized System of Classification and Labelling of Chemicals. | CER Construction Safety Inspection | During Construction | Commitment Complete | | |

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|---|---|---|---|---|---|---|---|---|
| 1 | Environment Team | NEB | Salvaged topsoil/ organic material and graded or excavated subsoils will not be stored in drainage runs or adjacent to low-lying areas, wetlands or defined watercourses. | ESA Section 5.4 | During Construction | Commitment Complete | | |
| 2 | Environment Team | NEB | Salvaged topsoil will be evenly spread over the previously stripped and recontoured portions of the ROW. Topsoil will be spread after the trench crown has been constructed, and during dry and low wind weather conditions. The ROW will not be graded to obtain borrow or replacement topsoil. Frozen topsoil will not be replaced until thawed, if necessary, by replacing the topsoil the following spring. | ESA Section 5.4 | During Construction | Not Started | | |
| 3 | Environment Team | NEB | Graded subsoils will be replaced or recontoured and excavated subsoil and/or parent material will be backfilled prior to replacing topsoil. | ESA Section 5.4 | During Construction | In Progress | | |
| 4 | Environment Team | NEB | Topsoil will be stripped and stored separately from graded subsoil and excavated trench spoil during construction. Topsoil will be returned to those areas that will not be graveled during operation or placed in long-term storage areas adjacent to the CS. | ESA Section 5.4 | During Construction | In Progress | | A landowner came forward with a concern regarding the separation between the top soil, seconds and subsoil piles on their property. The environmental monitor worked with construction to alleviate this issue by removing the frozen clods that had fallen into the topsoil and there are no further issues on this matter. |
| 5 | Environment Team | NEB | Grade changes requiring excessive cuts and fills will be reduced to the extent feasible. Grading will occur only as required to provide an adequate surface for construction equipment, maintain a vertical trench, and to allow over bends and sags to be made within permissible bending limits. | ESA Section 5.4 | During Construction | In Progress | | |
| 6 | Environment Team | NEB | Salvage topsoil (including forest litter/duff layers and grass sod layers) on all areas to be stripped based on color change to a maximum depth of 15 cm. | ESA Section 5.4 | During Construction | Commitment Complete | | |
| 7 | Environment Team | NEB | Material excavated from the construction site that is not suitable as backfill, such as large rocks, will be temporarily stored along the edge of the construction site and then hauled off site and disposed of in an approved location. | ESA Section 5.4 | During Construction | In Progress | | |
| 8 | Environment Team | NEB | Weather and soil conditions permitting, clean-up and reclamation of the construction site and access corridor will take place as soon as feasible following completion of construction. | ESA Section 5.4 | During Construction | In Progress | | |
| 9 | Environment Team | NEB | Topsoil will not be used as padding material or for creating temporary or long-term ramps and approaches unless otherwise approved by the Chief Inspector and Environment & Sustainability Lead. | ESA Section 5.4 | During Construction | In Progress | | |
| 10 | Environment Team | NEB | Soil handling is to remain within the confines of the designated ROW and work area. | ESA Section 5.4 | During Construction | In Progress | | |
| 11 | Environment Team | NEB | Topsoil on agricultural lands will be salvaged from the trench and spoil area during late fall and winter conditions or in summer where compaction of the working side is not anticipated. If compaction is anticipated, the entire ROW will be stripped | ESA Section 5.4 | During Construction | In Progress | | |
| 12 | Environment Team | NEB | Where tie-in or crossing bellholes are required, topsoil will be stripped and stockpiled separately from any spoil. Topsoil will not be mixed with spoil. After the pipe is tied in or installed, the bellhole will be filled with spoil and compacted. After all spoil is replaced and compacted, the topsoil will be placed over the excavation. | ESA Section 5.4 | During Construction | In Progress | | |
| 13 | Environment Team | NEB | Topsoil (including forest litter/duff layers and grass sod layers) will be stripped from the ROW, or other work areas, and stored in such a way as to minimize the mixing of topsoil with subsoils until it is returned during clean-up. | ESA Section 5.4 | During Construction | In Progress | | |
| 14 | Environment Team | NEB | The amount and width of topsoil to be removed and stored separately from the graded subsoils and excavated spoil will depend upon soil conditions, land uses, and season of construction The depth of topsoil removal will be determined on a quarter by quarter basis. | ESA Section 5.4 | During Construction | In Progress | | |
| 15 | Environment Team | NEB | Where erodible areas are encountered, grading requirements will be minimized or eliminated by allowing for the bending of pipe to maximum permissible limits and installation of appropriate erosion and sediment control measures. | ESA Section 5.4 | During Construction | In Progress | | KP19+300 - 19+600 sandy soils were encountered within rolling terrain. Hills were graded enough for safe travel and the pipe was bent to follow the topography of the area. |
| 16 | Environment Team | NEB | Where possible, the ROW will be two-toned to restrict the need for deep cuts and additional ROW on steep side hills | ESA Section 5.4 | During Construction | In Progress | | |
| 17 | Environment Team | NEB | Soil handling will be suspended at the discretion of the Chief Inspector if the soil and ROW/TWS are excessively wet. | ESA Section 5.4 | During Construction | In Progress | | |
| 18 | Environment Team | NEB | Trenching in areas with a high water table will be deferred until just prior to lowering-in to prevent the trench from sloughing. | ESA Section 5.4 | During Construction | In Progress | | |
| 19 | Environment Team | NEB | Where necessary, openings will be made in salvaged topsoil and graded subsoil windrows to permit the passage of surface water across and/or off the ROW. | ESA Section 5.4 | During Construction | In Progress | | |
| 20 | Environment Team | NEB | Backfilling will occur immediately after lowering-in to minimize the length of open trench. Backfilling will be completed to within 1.5 km of the lowering-in operation; rough backfilling will be within 100 m of lowering-in at the end of each day. Generally, this interval should not exceed three days. | ESA Section 5.4 | During Construction | In Progress | | |

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| 21 | Environment Team | NEB | The trench will be backfilled and compacted in a manner that minimizes any below grade settlement. | ESA Section 5.4 | During Construction | In Progress | | |
| 22 | Environment Team | NEB | Subsoil (spoil) will be used to recontour graded slopes and as trench backfill prior to replacing topsoil. During construction, graded subsoils may be used for creating temporary ramps and approaches. | ESA Section 5.4 | During Construction | In Progress | | |
| 23 | Environment Team | NEB | Topsoil (including the forest duff/litter layer and sod layer) will NOT be used as padding material or for creating ramps and approaches. | ESA Section 5.4 | During Construction | In Progress | | |
| 24 | Environment Team | NEB | To decrease the potential for localized trench subsidence, the trench will be crowned (roached) to allow for settlement and to limit changes in the natural drainage patterns (i.e., intercepting and channeling flow down the trenchline). Crowns on native landscapes shall be low and wide, no higher than 150mm (~6 inches) grade. Crowns on hay land will be low and wide, no higher than 100 mm (~4 inches) above adjacent ground level. On cultivated land, crowns will be between 200 mm (8 inches) and 300mm (~12 inches) high. Crown will be wide and gently tapered on each side. Gaps in the crown will be located at obvious drainage channels or water runs to avoid altering the natural drainage patterns across the ROW. | ESA Section 5.4 | During Construction | In Progress | | |
| 25 | Environment Team | NEB | Material excavated from the ROW that is not suitable as backfill, such as large rocks, will be temporarily windrowed along the edge of the ROW then buried on or off the ROW with the landowner/occupant permission, or hauled off the ROW and disposed of in an approved location (e.g., existing rock piles). | ESA Section 5.4 | During Construction | In Progress | | |
| 26 | Environment Team | NEB | Where a pipeline crosses rocky subsoils, proper separation of the topsoil and subsoil will be maintained. Large rocks will be removed from the spoil before it is replaced in the trench. Removed rocks will be placed in location so as not to impede landowner/occupant activities or removed from site. | ESA Section 5.4 | During Construction | In Progress | | |
| 27 | Environment Team | NEB | Rock excavated from the trench may be placed back in the trench as long as the rock is deep enough (30 cm) not to affect surface land use (e.g., cultivation) or damage the pipe coating. The density and size of rocks remaining on surface will be similar to, or less than, those of adjacent areas. | ESA Section 5.4 | During Construction | In Progress | | |
| 28 | Environment Team | NEB | Long term soil storage areas (e.g., elongated, low profile berms) remaining in place once CS construction is complete will be marked on as built drawings, including volumes, dimensions and locations. Soil berms will be seeded to prevent erosion. Alternatively, if salvaged topsoil is spread over intact topsoil on the perimeter of the Pierceland West CS workspace as a means of long-term storage, the depth, volume, dimensions and locations will be clearly marked and delineated on as built drawings | ESA Section 5.4 | During Construction | Not Started | | |
| 29 | Environment Team | NEB | Topsoil will be stripped from the access road construction area, stored temporarily during grading, and bladed back onto bar ditches once the road grade and profile is established. | ESA Section 5.4 | During Construction | In Progress | | |
| 30 | Environment Team | NEB | Salvaged topsoil will be evenly spread over the previously stripped portions of the construction site and access corridor (i.e., outside of facility fence line, bar ditches or backslope) that will not be graveled during operations. | ESA Section 5.4 | During Construction | In Progress | | |
| 31 | Environment Team | NEB | Soil handling will be temporarily halted during excessively wet soils conditions to minimize soil structure damage through rutting or compaction. | ESA Section 5.4 | During Construction | In Progress | | |
| 32 | Environment Team | NEB | Topsoil and/or subsoil compaction will be reduced, as appropriate, using a scarifier, deep tillage, or breaking discs on areas that will be returned to cultivated land use. | ESA Section 5.4 | During Construction | Not Started | | |
| 33 | Environment Team | NEB | Topsoil will not be stripped from the TWS or other designated work areas (e.g., perimeter of the CS, laydown sites) provided measures are in place to address the risk of compaction and rutting. These include: working in suitably dry conditions, use of protective matting, and/or use of low ground pressure equipment. Alternatively topsoil on areas of the workspace that present compaction and rutting risks may be temporarily stripped and stored for replacement once construction is complete. | ESA Section 5.4 | During Construction | In Progress | | |
| 34 | Environment Team | NEB | Equipment which will minimize surface disturbance, soil compaction, and loss of topsoil will be utilized. Such equipment includes low ground pressure tracks or tires and mulchers or brush rakes with shoes for clearing. | ESA Section 5.4 | During Construction | In Progress | | |
| 35 | Environment Team | NEB | Soil handling will be suspended during high wind events to prevent loss of topsoil. Where persistent high winds are eroding topsoil piles, erosion control measures will be used to stabilize the soil, such as the application of water, mulch, clean straw or soil tackifiers, installing wind breaks (e.g., snow fence) or covering small piles with secured tarping. | ESA Section 5.4 | During Construction | Not Started | | |
| 36 | Environment Team | NEB | Sediment barriers will be installed where necessary. Barriers may be constructed of materials such as sediment fence, staked straw bales, compacted subsoil berms, sandbags, or equivalent material. | ESA Section 5.4 | During Construction | In Progress | | |
| 37 | Environment Team | NEB | Sediment barriers will be inspected regularly to ensure proper functioning and maintenance. Barriers will be inspected and maintained on a weekly basis throughout construction and within 24 hours following storm events. | ESA Section 5.4 | During Construction | In Progress | | |

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| 38 | Environment Team | NEB | Drainage from construction areas will be managed or regulated to prevent off-site erosion and sedimentation. On non-cultivated lands, sediment barriers will be left in place until permanent vegetation measures are successful. | ESA Section 5.4 | During Construction | In Progress | | |
| 39 | Environment Team | NEB | Salvaged topsoil will not be stored where it may interfere with surface drainage or enter a wetland. | ESA Section 5.4 | During Construction | In Progress | | |
| 40 | Environment Team | NEB | Weather and soil conditions permitting, clean-up and reclamation on pipeline ROW on the non-operations area of the CS and associated access corridor will take place as soon as possible following completion of construction. | ESA Section 5.4 | During Construction | In Progress | | |
| 41 | Environment Team | NEB | Final grade on all lands will ensure that the surface flow of water is not impeded. | ESA Section 5.4 | During Construction | In Progress | | |
| 42 | Environment Team | NEB | Erosion control seed mixes containing rapidly growing grasses or cover crops such as fall rye, oats, or barley may be used to stabilize erosion prone soils. | ESA Section 5.4 | During Construction | Not Started | | |
| 43 | Environment Team | NEB | Equipment must arrive to the Project site in a condition free of remnant soil to minimize the risk of soil pathogen introduction and spread. Equipment will be inspected prior to entry into the work area. | ESA Section 5.4 | During Construction | In Progress | | |
| 44 | Environment Team | NEB | Equipment will be sanitized by misting with a weak disinfectant solution (i.e., 1-2% bleach) prior to site entry in order to minimize the spread of clubroot disease as approved by the Chief Inspector and Environment & Sustainability Lead. | ESA Section 5.4 | During Construction | In Progress | | |
| 45 | Environment Team | NEB | Monitor topsoil and storage piles for weeds during the course of construction, Control weeds by spraying, mowing, hand pulling, among others to avoid infestation, when warranted and otherwise approved by the Chief Inspector and Environment & Sustainability Lead. | ESA Section 5.4 | During Construction | in Progress | | |
| 46 | Environment Team | NEB | The Project will follow MIPL(C)L's post-construction monitoring program, which monitors compliance with specific reclamation performance expectations and conditions. Areas on the PDA that are susceptible to erosion, are difficult to revegetate or result in poor/reduced crop and forage production will be identified, and records maintained of remedial measures implemented and the success of these measures. This information will be made available to MIPL(C)L supervisors for use during operation and maintenance activities to allow implementation of adaptive mitigation strategies to reduce effects on soil capability. | ESA Section 5.8 | During Construction and Operations | Not Started | | |
| 47 | Environment Team | NEB | Land will be cleared only within the marked limits of the construction site and limited to the minimal area necessary to safely construct the pipeline and construct/operate the CS to help prevent erosion and loss of habitat. | ESA Section 6.4 | During Construction | In Progress | | |
| 48 | Environment Team | NEB | If grading is not required on the ROW in forested areas, woody cover will be mulched to ground level to maintain the rooting structure and growth crown, limit ground disturbance, and minimize disturbance to the seedbank. | ESA Section 6.4 | During Construction | Commitment Complete | | |
| 49 | Environment Team | NEB | Any occurrences of previously unidentified plant species of management concern are to be reported to the Environment & Sustainability Lead to confirm regulations and requirements related to species of management concern. | ESA Section 6.4 | During Construction | In Progress | | |
| 50 | Environment Team | NEB | If rare plants are encountered, MIPL(C)L will follow GOS 2017a or ANPC 2012 setbacks or develop appropriate mitigation in consultation with applicable regulatory agencies. | ESA Section 6.4 | During Construction | In Progress | | |
| 51 | Environment Team | NEB | On non-cultivated lands, post-construction vegetation growth will be inspected regularly to confirm a self-sustaining vegetation cover is established and maintained. Any sites with sparse growth will be re-seeded, including implementation of any other remedial measures to enhance plant establishment. | ESA Section 6.4 | During Construction | Not Started | | |
| 52 | Environment Team | NEB | All proposed seed mixes will be certified (i.e., analyzed for the species and percentage of prohibited and noxious weeds). Seed certificates will be reviewed and approved by Environment & Sustainability prior to application and retained on file. Appropriate seed mixes will be applied as needed to assist in the re-establishment of pre-disturbance construction conditions and ecological function, as to comply with applicable government agency requirements, or Project-specific environmental instructions. | ESA Section 6.4 | During Construction | In Progress | | |
| 53 | Environment Team | NEB | Seeding disturbed areas will be completed in accordance with the recommended seed mixes, rates, and dates. Seeding is not required in actively cultivated croplands unless requested by the landowner. | ESA Section 6.4 | During Construction | Not Started | | |
| 54 | Environment Team | NEB | On the CS, salvaged topsoil that is stored in long term piles/berms will be seeded with a cover comprised of quick germinating and low maintenance native grass species to serve as effective wind and water erosion barriers. For rapid and short-term erosion protection or to create safe site for desired species, a nurse/cover crop of non-aggressive annual cereal (e.g., winter wheat, oats, barely) or forage (e.g., fall or annual rye) can be included in the seed mix or seeded on their own. | ESA Section 6.4 | During Construction | Not Started | | |

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| 55 | Environment Team | NEB | Weather and soil conditions permitting, clean-up and reclamation of the construction site and access corridor will take place as soon as possible following completion of construction. | ESA Section 6.4 | During Construction | In Progress | | |
| 56 | Environment Team | NEB | After construction on privately owned cultivated lands, the landowner will seed and fertilize the ROW and TWS as part of their normal farming operations. | ESA Section 6.4 | During Construction | Not Started | | |
| 57 | Environment Team | NEB | Equipment must arrive to the Project site in a condition free of remnant soil or plant material to minimize the risk of weed introduction. Equipment that arrives containing loose or compacted soil and plant material will not be allowed on the construction site until it has been cleaned using brooms, brushes, shovels, high pressure water, or compressed air. | ESA Section 6.4 | During Construction | In Progress | | |
| 58 | Environment Team | NEB | Pre and post construction weed control measures will be developed in conjunction with the landowner/occupant. | ESA Section 6.4 | Project Lifecycle | In Progress | | |
| 59 | Environment Team | NEB | Replaced topsoil on the access road bar ditches, non-operations of the Pierceland West CS and ROW segments in forested and grassland areas will be seeded using an approved weed-free, native reclamation mix as soon as practical. Only certified seed mixes will be used. Seed certificates will be provided to Environment & Sustainability for review and approval prior to application and retained on file. Seed mixes and, if required, fertilizer will be applied as needed to assist in the re-establishment of pre-disturbance construction conditions, applicable government agency requirements, or Project-specific environmental instructions. | ESA Section 6.4 | During Construction | Not Started | | |
| 60 | Environment Team | NEB | Pre-construction surveys will be conducted to identify occurrence of terrestrial, aquatic and/or riparian noxious weeds which construction equipment could carry forward from an infested to a clean area. If avoidance is not possible, Environment & Sustainability will be contacted for assistance and/or direction on potential mitigation strategies. | ESA Section 6.4 | Prior to and During Construction | In Progress | | |
| 61 | Environment Team | NEB | Appropriate mitigations will be applied for any locations identified as having noxious or prohibited noxious or nuisance weed infestations. | ESA Section 6.4 | Prior to and During Construction | In Progress | | |
| 62 | Environment Team | NEB | Wetland boundaries will be clearly marked in the field with signs and/or flagging. | ESA Section 6.4 | Prior to and During Construction | In Progress | | |
| 63 | Environment Team | NEB | Any wetland boundaries present within 10 m of the PDA will be marked and protected using a suitable sediment barrier (e.g. embedded silt fence) prior to the start of construction | ESA Section 6.4 | Prior to and During Construction | In Progress | | |
| 64 | Environment Team | NEB | MIPL (C)L will notify or obtain approvals from the appropriate agencies prior to the commencement of work in a wetland and complete work in accordance with regulatory permit conditions. | ESA Section 6.4 | Prior to and During Construction | Commitment Complete | | |
| 65 | Environment Team | NEB | Sediment barriers will be installed prior to or immediately after initial ground disturbance at the following locations:<br>a)Within the ROW at the edge of the boundary between wetland and upland;<br>b)Along the edge of the ROW, where the ROW slopes toward a wetland, to protect any adjacent, off ROW wetlands;<br>c)Along the edge of the ROW, as necessary, to contain spoil and sediment within the ROW through wetlands; and, | ESA Section 6.4 | Prior to and During Construction | In Progress | | |
| 66 | Environment Team | NEB | Where required, sediment barriers and fences should be constructed on level ground or at toe-slopes whenever possible. Sediment barriers and fences constructed at lower- or mid-slope positions can collapse when the weight of the sediment exceeds the holding capacity of the fence or barrier. Alternatively, if they don't interfere with construction or during reclamation, a series of sediment barriers and fences can be installed a various slope positions to break-up slope length and associated size of the potential sediment source area. | ESA Section 6.4 | During Construction | Not Started | | |
| 67 | Environment Team | NEB | Sediment barriers will be inspected and maintained on a weekly basis throughout construction and within 24 hours following storm events. | ESA Section 6.4 | During Construction | Not Started | | |
| 68 | Environment Team | NEB | Sediment barriers will be maintained until reclamation measures are successful and upland areas adjacent to wetlands are stabilized. | ESA Section 6.4 | During Construction and Operations | Not Started | | |
| 69 | Environment Team | NEB | Construction activities (including equipment use, materials staging, spoil/slash storage and designated TWS)will be located a minimum of 10 m away from wetland boundaries, if practical. | ESA Section 6.4 | During Construction | In Progress | | |
| 70 | Environment Team | NEB | Seed, fertilizers, or mulch will not be applied in wetlands. Restrict the use of fertilizer within 10 m of wetlands. The construction site in wetland areas will not be seeded unless specified by the appropriate government agency (i.e., promote natural regeneration of the plant community). | ESA Section 6.4 | During Construction | Not Started | | |
| 71 | Environment Team | NEB | If wetland margins freeze or harden overnight due to cold temperatures, construction in these areas should be scheduled for early morning, prior to ground thawing. | ESA Section 6.4 | During Construction | Commitment Complete | | All construction activities within wetland areas have/will be completed under reliably frozen ground conditions. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Environment - Version 11 - June 21, 2021**

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| 72 | Environment Team | NEB | If standing water or saturated soils are present, or if construction equipment causes excessive rutting in wetlands, low-ground-weight construction equipment will be used and/or equipment will operate off prefabricated equipment mats.. | ESA Section 6.4 | During Construction | In Progress | | |
| 73 | Environment Team | NEB | Construction traffic in wetlands will be limited to only that required for construction activity. Upland access roads, trails of designated travel routes (e.g., shoo-fly's) around wetlands will be used where available to reduce vehicle traffic. | ESA Section 6.4 | During Construction | Commitment Complete | | |
| 74 | Environment Team | NEB | In wetland areas where the spoil is situated adjacent to the trench, backfill will be replaced by low ground pressure equipment or long reach trackhoes working off stable ground. | ESA Section 6.4 | During Construction | In Progress | | |
| 75 | Environment Team | NEB | The length of time that the trench is left open in wetlands will be minimized. | ESA Section 6.4 | During Construction | Commitment Complete | | |
| 76 | Environment Team | NEB | Salvaged topsoil and graded subsoils will not be stored where they may interfere with surface drainage or enter a wetland. | ESA Section 6.4 | During Construction | In Progress | | |
| 77 | Environment Team | NEB | Equipment and machinery will not be washed in water bodies, instead will be cleaned before entering water bodies. | ESA Section 6.4 | During Construction | In Progress | | |
| 78 | Environment Team | NEB | Dewatering of the construction site will not discharge directly into wetlands. | ESA Section 6.4 | During Construction | In Progress | | Approval was obtained from MOE to discharge into dry wetland in the N1/2 11-62-25 W3M |
| 79 | Environment Team | NEB | Use of vehicles and equipment within wetlands intersected by the ROW or designated workspace will be avoided, if practical. If standing water or saturated soils are present in wetlands, or if construction equipment will cause excessive rutting, use low-ground-weight construction equipment or operate equipment within the wetland on prefabricated mats. | ESA Section 6.4 | During Construction | In Progress | | All construction activities within wetland areas have/will be completed under reliably frozen ground conditions. |
| 80 | Environment Team | NEB | Equipment use and materials staging in the workspace should avoid activity in the intersected wetland. | ESA Section 6.4 | During Construction | In Progress | | |
| 81 | Environment Team | NEB | Trench plugs or other trench bottom sealing will be installed as necessary to maintain the original wetland hydrology at locations where the pipeline trench may act as a drain. | ESA Section 6.4 | During Construction | Commitment Complete | | |
| 82 | Environment Team | NEB | The original contours and drainage patterns will be re-established to all disturbed wetland areas, and/or drainage areas. | ESA Section 6.4 | During Construction | In Progress | | |
| 83 | Environment Team | NEB | Trenching operations will not be allowed to drain wetlands and other bodies of standing water unless permission has been granted by Water Security Agency, and Ministry of Environment in Saskatchewan and Alberta Environment and Parks. Pumping water off ROW requires approval from the Water Security Agency in Saskatchewan and Alberta Environment and Parks. | ESA Section 6.4 | During Construction | Commitment Complete | | wetlands with standing/open water will be HDD bored. |
| 84 | Environment Team | NEB | Operation of construction equipment will be prohibited close to the banks of wetlands where there is a risk of bank collapse or damage, failure of the vehicle crossing, or flooding of the work area. | ESA Section 6.4 | During Construction | In Progress | | wetlands with standing/open water will be HDD bored. |
| 85 | Environment Team | NEB | If extreme precipitation has impacted wetlands or slopes in the construction area as a result of construction, appropriate stabilization and reclamation measures will be implemented. | ESA Section 6.4 | During Construction | Not Started | | |
| 86 | Environment Team | NEB | Vegetation and wetland field surveys will be completed in the summer of 2019. Surveys will include rare plant surveys, incidental weed surveys and wetland surveys. Data collected will inform construction alignment sheets and resource specific mitigation prior to construction.<br>Construction, monitoring and inspection will follow MIPL(C)L's construction monitoring program. During construction, an Environmental Inspector or designate will be onsite during construction to monitor activities for compliance with regulatory commitments and mitigation measures, as outlined in the EPP. | ESA Section 6.8 | Project Lifecycle | In Progress | | |
| 87 | Environment Team | NEB | Land will be cleared only within the marked limits of the construction site. Efforts will be employed to limit clearing to the minimal area necessary to safely and technically complete construction prevent loss or temporal alteration of habitat. | ESA Section 7.4 | During Construction | In Progress | | |
| 88 | Environment Team | NEB | Vehicular traffic and construction activities will be restricted to the designated construction footprint and approved work spaces. If boundary stakes are inadvertently damaged or destroyed, they will be replaced immediately. | ESA Section 7.4 | During Construction | In Progress | | |
| 89 | Environment Team | NEB | Recreational use of ATVs or snowmobiles by construction personnel will be prohibited on the construction site. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 90 | Environment Team | NEB | Wildlife features (e.g., wetlands, nests) will be flagged and/or fenced in the field, as specified by Project environmental permits and approvals and related environmental instructions, prior to commencement of construction. | ESA Section 7.4 | Prior to and During Construction | In Progress | | |
| 91 | Environment Team | NEB | Any previously unidentified sensitive habitat features are to be reported to the Environment & Sustainability Lead who will report the information to relevant provincial/federal agency personnel, as required. A mitigation plan will be developed in consultation with the agency, if required. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 92 | Environment Team | NEB | CS will be designed to include mufflers on compressors and limit yard lights | ESA Section 7.4 | During Construction and Operations | In Progress | | |

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| 93 | Environment Team | NEB | MIPL(C)L is proposing to complete clearing during the winter months in advance of construction. If additional clearing, as well as soil stripping and grading are scheduled to occur within the Primary Nesting Period (PNP) for migratory birds (Zone B5; Zone B5; May 8 to August 10; ECCC 2018), nest searches and/or avian use surveys (occurrence of territorial or nesting behavior) will be completed, as directed by the Environment & Sustainability Lead. | ESA Section 7.4 | During Construction and Operations | Commitment Complete | | All clearing took place outside the PNP |
| 94 | Environment Team | NEB | Construction will occur during daylight hours to avoid disturbance to nocturnal species. | ESA Section 7.4 | During Construction | In Progress | | |
| 95 | Environment Team | NEB | Pipeline construction scheduled for fall to avoid critical timing periods for bird, amphibian and several mammal species. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 96 | Environment Team | NEB | Good housekeeping practices and garbage disposal will be mandated to avoid attracting scavenger species. Construction personnel will not feed, lure or harass wildlife. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 97 | Environment Team | NEB | Fencing will be erected around open excavations or bellholes to exclude wildlife. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 98 | Environment Team | NEB | The Chief Inspector will be contacted to determine the amount of continuous open trench that may be allowable, the location of trench plugs and the corresponding location of gaps in the spoil pile. Recommended minimum with of the plug and gap is 3 m. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 99 | Environment Team | NEB | Backfilling will occur immediately after lowering-in to minimize the length of open trench. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 100 | Environment Team | NEB | The speed limit on secondary roads or trails used to access the construction site will be a maximum of 40 km/hr and may be lowered where specific wildlife concerns have been identified. | ESA Section 7.4 | During Construction | In Progress | | |
| 101 | Environment Team | NEB | Recreational use of ATVs or snowmobiles by construction personnel will be prohibited on the construction site. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 102 | Environment Team | NEB | Construction will occur during daylight hours when visibility is good to reduce vehicle – wildlife collisions | ESA Section 7.4 | During Construction | In Progress | | |
| 103 | Environment Team | NEB | Fencing will be erected around open bellhole or point excavations to exclude wildlife. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 104 | Environment Team | NEB | Bellholes left overnight will have keyed stairs and trench ends will be sloped to provide escape routes for mobile terrestrial species. | ESA Section 7.4 | During Construction | Commitment Complete | | |
| 105 | Environment Team | NEB | Project-related wildlife deaths and nuisance animals will be immediately reported to the Environment & Sustainability Lead and appropriate authorities. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 106 | Environment Team | NEB | Construction personnel are not permitted to have pets at the construction site. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 107 | Environment Team | NEB | Land will be cleared only within the marked limits of the construction site. Clearing within the surveyed boundaries minimized where possible to prevent or reduce habitat loss and/or alteration. | ESA Section 7.4 | During Construction | In Progress | | |
| 108 | Environment Team | NEB | Good housekeeping practices and garbage disposal will be mandated to avoid attracting scavenger species. Construction personnel will not feed, lure or harass wildlife. | ESA Section 7.4 | Project Lifecycle | In Progress | | |
| 109 | Environment Team | NEB | The environmental inspector(s) on site during construction will monitor the area for wildlife and wildlife concerns, including the presence of nesting migratory birds, reptiles, amphibians and other species of management concern, including species at risk. The environmental inspector(s) (or designate(s)) will implement and report any wildlife sighting, as specified in the EPP (Appendix A). If construction is delayed and subsequently scheduled to begin within the primary nesting period for migratory birds (Zone B5; May 8 to August 10; ECCC 2018) a pre-construction nest search will be completed prior to site development. | ESA Section 7.8 | During Construction | In Progress | | |
| 110 | Environment Team | NEB | On non-cultivated lands, sediment barriers will be left in place until permanent vegetation measures on disturbed areas are successful. | ESA Section 8.4 | During Construction and Operations | Not Started | | |
| 111 | Environment Team | NEB | Drainage from construction areas and CS, including ditches and/or berms, will be managed and regulated to prevent off-site erosion and sedimentation. | ESA Section 8.4 | During Construction | In Progress | | |
| 112 | Environment Team | NEB | Final grade on all disturbed lands will ensure that the surface flow of water is not impeded or altered. | ESA Section 8.4 | During Construction | In Progress | | |
| 113 | Environment Team | NEB | As construction is expected to be completed in the late fall of 2020, it is anticipated that test water (e.g., methanol or ethylene glycol mix) will be brought to site and then captured in tanks and removed after the test is complete. Nonetheless, if water from a natural watercourse, wetland, lake or groundwater source is to be used for hydrostatic testing (i.e., make-up water) or other construction activities (e.g., water for the HDD rig and drilling mud mix, dust suppression, foundation compaction on the CS), application to the Water Security Agency will be required. | ESA Section 8.4 | During Construction | Commitment Complete | | Mikes Oilfield completed the hydrostatic testing of the drag sections with a %60 water %40 methanol mix. The mixture was brought to site from Mikes Oilfield yard in Lloydminster and was returned to their yard once testing was complete. |

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| 114 | Environment Team | NEB | All water withdrawal will adhere to the following requirements:<br>a)If the source water is fish-bearing, screen the source water intake in a manner that prevents fish passage or impingement at the intake<br>b)Ensure that when removing source water:<br>i.biota that does not naturally occur in the source water is not transferred to the source water<br>ii.any substance that may cause an adverse effect to the aquatic or terrestrial environment is not transferred to the source water<br>iii.the bed, bank or boundary of any watercourse or water body is not altered<br>iv.any sand, gravel or other material is not removed, displaced or added to the bed, bank or boundary of the watercourse/waterbody<br>v.vegetation is not removed from the bed, bank or boundary of the watercourse/waterbody | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 115 | Environment Team | NEB | Photographs will be taken of the surface sources prior to, during and following water extraction. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 116 | Environment Team | NEB | Environment & Sustainability is responsible for managing regulatory notification/reporting under hydrostatic testing requirements. A detailed discharge or capture for disposal or recycling plan will be provided to Environment & Sustainability at least 15 days in advance of the proposed testing date for review and approval. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 117 | Environment Team | NEB | If hydrostatic test water is required, it will be sampled and analyzed for inorganic, metal and physical water quality parameters specified in the Project-specific construction plans | ESA Section 8.4 | During Construction | Commitment Complete | | Hydrostatic test fluid was brought to site and removed from site by Mike's Oilfield |
| 118 | Environment Team | NEB | It is anticipated that hydrostatic test water will be a methanol or ethylene glycol mix and therefore will be captured in tanks for appropriate disposal or recycled for use at other projects and not discharged to land or waterbodies. | ESA Section 8.4 | During Construction | Commitment Complete | | Hydrostatic test fluid was taken from a fresh water source. No methanol was added to the test water. All test water was discharged to land. |
| 119 | Environment Team | NEB | If required, hydrostatic test and construction support water may be obtained from nearby lakes, watercourses, or municipal sources in accordance with applicable permits for the withdrawal of water. Water withdrawal from natural watercourse or water bodies will not exceed maximum withdrawal rates specified by the Water Security Agency permits or authorization letters. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 120 | Environment Team | NEB | Environment & Sustainability is responsible for managing regulatory notification/reporting under hydrostatic testing requirements. A detailed capture or discharge plan will be provided to Environment & Sustainability at least 15 days in advance of the proposed testing date for review and approval. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 121 | Environment Team | NEB | Hydrostatic test water with methanol or ethylene glycol will be collected in tanks for appropriate disposal or recycled. Contaminants will not be allowed to enter natural water bodies, wetlands, drainages or groundwater. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 122 | Environment Team | NEB | For water withdrawal from any surface water features, including dugouts, an application to the Water Security Agency will be required. | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 123 | Environment Team | NEB | All fuel storage and handling operations will be sited at least 100 m from the nearest water body, or in accordance with regulatory approvals and appropriate primary and secondary containment. | ESA Section 8.4 | During Construction | In Progress | | |
| 124 | Environment Team | NEB | Refueling of mobile construction equipment will occur at a minimum of 100 m from any water body unless approved secondary containment is provided. Refueling activities will be monitored at all times, and vehicles will not be left unattended while being refueled. Containers, hoses, and nozzles will be free of leaks. Fuel nozzles will be equipped with functional automatic shut-offs and spill containment and response material will be stored on site. | ESA Section 8.4 | During Construction | In Progress | | |
| 125 | Environment Team | NEB | Vehicle crossings below the ordinary high water mark:<br>- Vehicle crossings will be capable of handling anticipated high water flows and will be removed upon construction completion. Banks and approaches will be reclaimed and stabilized upon removal of a vehicle crossing structure. Install, use and remove vehicle crossing structures in a manner that minimizes disturbance to the watercourse. Avoid in-stream activities if possible.<br>- If permit conditions allow, temporary bridges over, or culverts in, watercourses will be installed to facilitate traverse of the watercourse. Where culverts are not feasible, temporary bridges will be installed. Culverts and temporary bridges will not interfere with natural drainage or impede fish passage. | ESA Section 8.4 | During Construction and Operations | Commitment Complete | | The temporary bridge has been removed from the canal crossing. |

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| 126 | Environment Team | NEB | Vehicle crossings above the ordinary high water mark:<br>- Vehicle crossings will be capable of handling anticipated high water flows and will be removed upon construction completion. Banks and approaches will be reclaimed and stabilized upon removal of a vehicle crossing structure.<br>- Install, use and remove vehicle crossing structures in a manner that minimizes disturbance to the watercourse. Avoid in-stream activities if possible. | ESA Section 8.4 | During Construction and Operations | Commitment Complete | | The temporary bridge has been removed from the canal crossing. |
| 127 | Environment Team | NEB | Portable bridges will, where feasible, be used for temporary crossings. Temporary bridges will be designed for a 1:25 year flood level, and will have clearance for floating debris. Berms used to develop bridge approaches will be built entirely of clean gravel material. Approaches will not constrict the watercourse. | ESA Section 8.4 | During Construction and Operations | Commitment Complete | | The temporary bridge has been removed from the canal crossing. |
| 128 | Environment Team | NEB | All water withdrawal will adhere to the following requirements:<br>a)If the source water is fish-bearing, screen the source water intake in a manner that prevents fish passage or impingement at the intake<br>b)Ensure that when removing source water:<br>i.biota that does not naturally occur in the source water is not transferred to the source water<br>ii.any substance that may cause an adverse effect to the aquatic or terrestrial environment is not transferred to the source water<br>iii.the bed, bank or boundary of any watercourse or water body is not altered<br>iv.any sand, gravel or other material is not removed, displaced or added to the bed, bank or boundary of the watercourse/waterbody<br>v.vegetation is not removed from the bed, bank or boundary of the watercourse/waterbody | ESA Section 8.4 | During Construction | Commitment Complete | | |
| 129 | Environment Team | NEB | Regulate all drainage from construction areas, including ditches and/or berms, to prevent off-site erosion and sedimentation. | ESA Section 8.4 | During Construction | In Progress | | |
| 130 | Environment Team | NEB | During construction, monitoring and inspection will be accomplished through MIPL(C)L's environmental inspection program. The Environmental Inspector(s) or designate(s) will be onsite during construction to monitor activities for compliance with regulatory commitments and mitigation measures, as outlined in the EPP (Appendix A). | ESA Section 8.8 | During Construction | In Progress | | |
| 131 | Environment Team | NEB | Company and construction personnel will avoid excessive idling of vehicles. Vehicles or equipment are to be turned off when not in use unless required for effective operation of the vehicle or equipment. | ESA Section 9.4 | During Construction and Operations | In Progress | | |
| 132 | Environment Team | NEB | Where practical and applicable, use multi-passenger vehicles for the transport of crews to and from the job site. | ESA Section 9.4 | During Construction and Operations | Superseded by Condition | | COVID-19 restricts the use of multi-passenger vehicles |
| 133 | Environment Team | NEB | Dust suppressants will be applied (e.g., water, calcium chloride, or tree lignin-based dust suppressant) on the construction site and access roads as required. Calcium chloride will not be used on agricultural fields. Local road authorities will be informed prior to application of dust suppressants on public roads. | ESA Section 9.4 | During Construction and Operations | Not Started | | |
| 134 | Environment Team | NEB | Use high-efficiency, low-NOx reciprocating engines. | ESA Section 9.4 | During Construction and Operations | Not Started | | |
| 135 | Environment Team | NEB | Construction equipment will be maintained in good working order and properly muffled. | ESA Section 9.4 | During Construction and Operations | In Progress | | |
| 136 | Environment Team | NEB | Ensure equipment is well-maintained. | ESA Section 9.4 | During Construction and Operations | In Progress | | |
| 137 | Environment Team | NEB | Install silencer for engine exhaust stacks. | ESA Section 10.4 | During Construction and Operations | Not Started | | |
| 138 | Environment Team | NEB | Engine - CS packages are inside the CS buildings, which have acoustic walls and roof construction design. | ESA Section 10.4 | During Construction and Operations | Not Started | | |
| 139 | Environment Team | NEB | Install acoustic louvers for the CS buildings. | ESA Section 10.4 | During Construction and Operations | Not Started | | |
| 140 | Environment Team | NEB | CS, instrumentation air, and generator buildings doors and windows during operation opened only as necessary for maintenance or other service activities. | ESA Section 10.4 | During Construction and Operations | Not Started | | |
| 141 | Environment Team | NEB | CS buildings will sit on grade However, a building skirt will be considered if the CS building frame/skid is mounted on piles and there is a gap (i.e. between building and ground) where the interior noise can emanate. | ESA Section 10.4 | During Construction | In Progress | | |
| 142 | Environment Team | NEB | Identify drilling mud containment and disposal methods. Install suitable drilling mud tanks, sumps, or containment berms as necessary. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 143 | Environment Team | NEB | The company will notify the appropriate agencies prior to commencement of a drill in accordance with regulatory permit conditions. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 144 | Environment Team | NEB | Before starting any HDD operations, the drilling contractor or surveyor will clearly flag the expected drill path on both sides of the watercourse. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 145 | Environment Team | NEB | The drilling contractor and company inspection personnel will be made aware of the contingency measures prior to commencement of drilling activity and appropriate response, containment and recovery equipment and material will be stored on-site to respond quickly to an inadvertent release. | ESA Section 16.4 | During Construction | Commitment Complete | | |

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| 146 | Environment Team | NEB | The contractor will have an approved inadvertent mud release response plan in place prior to starting work and will maintain equipment and material on-site in sufficient quantities during drilling operations to contain any inadvertent drilling mud releases. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 147 | Environment Team | NEB | Maintain water quality sampling equipment (e.g. 1 litre plastic sample bottles complete with labels and large cooler(s)) on-site during drilling operation. In winter conditions an ice auger will be required. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 148 | Environment Team | NEB | Monitor the quantity of fluid return to the mud tank/pit and the quantity of make-up drilling fluid required in the mixing tanks during drilling of the pilot hole and hole opening (reaming). | ESA Section 16.4 | During Construction | Commitment Complete | | CCI is monitoring the mud returns and chemistry. Contracted to CCI, Environment lead oversight. |
| 149 | Environment Team | NEB | Monitor both onshore and in-steam portions of the drill path on a regular basis for signs of drilling mud release (e.g., in-stream turbidity monitors). | ESA Section 16.4 | During Construction | Commitment Complete | | X-Terra is completing turbidity monitoring at the canal crossing at KP 6+500 |
| 150 | Environment Team | NEB | Terrestrial “frac walks” shall be initiated every 2 hours (at a minimum) and immediately following a loss of fluid event. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 151 | Environment Team | NEB | Ensure communications equipment, if required, is on-site and available for use in monitoring operations. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 152 | Environment Team | NEB | Assign drilling contractor supervisory personnel to be on-site at all times during drilling, reaming, and pullback operations to ensure that response measures will be implemented immediately and effectively. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 153 | Environment Team | NEB | The contractor shall ensure that the following documentation is on site and readily available at all times (at a minimum):<br>- SK MOE clearance or notification including Aquatic Habitat Protection Permit (AHPP);<br>- Temporary Water Rights License (if applicable);<br>- ERP;<br>- EPP;<br>- MSDS for all on site material | ESA Section 16.4 | During Construction | In Progress | | |
| 154 | Environment Team | NEB | In the event of a release, drilling contractor supervising personnel will immediately notify the designated on-site company representative (e.g., Chief Inspector), Environmental Monitor and Environment & Sustainability who will then notify the appropriate provincial/federal agencies. Remedial action will be initiated to re-establish containment and circulation to the drilling mud. Remedial action will include, but not be limited to, swabbing the hole to remove annular obstructions, reducing pumping rates, or modifying drilling mud properties. Best efforts to maintain full annular circulation of drilling fluids will be employed. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 155 | Environment Team | NEB | Inadvertent surface returns on or adjacent to watercourse or defined wetlands will be contained with hand-place barriers (e.g. straw bales, sandbags, sediment fences.) and collected using pumps (e.g., vacuum trucks) as practical. If the amount of the surface return exceeds that which can be contained with hand-placed barriers, small collection sumps may be used. If the amount of the surface return exceeds that which can be contained and collected using small sumps, drilling operations will be suspended until surface return volumes can be brought under control. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 156 | Environment Team | NEB | If inadvertent surface returns occur within the watercourse, water quality sampling at downstream locations from the point of entry into the watercourse will be conducted. If practical, in channel containment (sediment fences, water dam bladders, etc.) will be employed. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 157 | Environment Team | NEB | Prior to implementing secondary response, the contractor will consult with the appropriate company representative (e.g. construction and environment inspectors)). | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 158 | Environment Team | NEB | If excessive inadvertent returns continue, secondary response measures will be considered, including:<br>- Plug fissures/fracture with sealers or plugging agents. Sealing agents, such as saw dust, nutshells, bentonite pellets, cement, or other commercially available products, are pumped into the drill hole and left undisturbed for an appropriate period of time.<br>- Down hole cementing to seal off a large portion of the existing drill hole if practical, to a point where a new drill path can be attempted.<br>- Suspending drilling operations and reposition the drill in an attempt to re-drill from a new location, employing the same protection measures implemented on the initial drill. Prior to commencing the re-drill, the proposed drill path will be reviewed and revised accordingly. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 159 | Environment Team | NEB | Inadvertent mud releases will be collected and disposed of at an appropriate location. If the amount of the surface return is not of sufficient quantity to allow practical collection, the affected area shall be diluted with fresh water and the fluid will be allowed to dry and dissipate naturally on exposed subsoils within the ROW. | ESA Section 16.4 | During Construction | Commitment Complete | | |

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| 160 | Environment Team | NEB | The company will prepare a report upon completion of drilling operations summarizing the events leading up to the inadvertent mud release as well as measures taken following the release to minimize impacts on the environment. | ESA Section 16.4 | During Construction | Commitment Complete | | |
| 161 | Environment Team | NEB | In the event of a pipeline leak, block valves will be turned off to stop the flow of natural gas. Only authorized MIPL(C)L/TransGas/SaskEnergy representatives shall operate valves. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 162 | Environment Team | NEB | On-site supervisory staff shall have a copy of this MIPL(C)L Spill Response Procedure, or equivalent. Field staff and contractors shall have knowledge of this Spill Response Procedure and where it is located. | ESA Section 16.4 | During Construction | In Progress | | |
| 163 | Environment Team | NEB | In any release or spill event, first priority shall be given to the safety of people, second priority shall be the protection of the environment, and third priority shall be the protection of the facility. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 164 | Environment Team | NEB | MIPL(C)L field staff will be trained in spill containment procedures. In the event of a spill, field staff may take immediate steps to contain any spill. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 165 | Environment Team | NEB | The contractor/employee shall have available on all service trucks a spill response kit suitable for hydrocarbon spills that may occur on the construction site. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 166 | Environment Team | NEB | In the event of a release, implement the Spill Response Procedure. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 167 | Environment Team | NEB | The first person to identify or respond to the spill shall be designated as the 'Site Commander' Company Person until relieved. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 168 | Environment Team | NEB | The contractor will have available on all service trucks a spill response kit suitable for spills of hazardous products that may occur on the construction site. The contractor shall be knowledgeable on the use of the spill kit. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 169 | Environment Team | NEB | Vacate the spill area and proceed to a safe location that is well ventilated and upwind of the spill. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 170 | Environment Team | NEB | Notify MIPL(C)L's supervisor/inspector and provide all known details which may include:<br>- Time of spill<br>- Location of spill<br>- Type and volume / quantity of materials spilled<br>- Distance to nearest waterbody, well or dugout<br>- Your name and phone number<br>- Any other risks or issues posed by the spill/release | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 171 | Environment Team | NEB | Record details of the event as they are known and actions as they are implemented. Photos will be taken to capture the onsite events. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 172 | Environment Team | NEB | If a supervisor/inspector cannot be reached, secure the area from public access by establishing a safe perimeter. Evacuate the immediate area, and the area downwind and remove any ignition sources. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 173 | Environment Team | NEB | If it is safe to proceed, stop the flow and/or contain the released or spilled material. Consider closing or opening valves, or using a cork or plug to stop the flow. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 174 | Environment Team | NEB | Containment measures will be immediately initiated to limit the spread of the spill, to minimize impacts on water bodies or other areas of environmental concern, and to prevent damage to property. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 175 | Environment Team | NEB | Spread sorbent material on the affected area or contain the spill. Create dams or place prefabricated barriers to stop the spread of material. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 176 | Environment Team | NEB | Prevent the spill from entering any water sources including the nearby wetlands and water runs. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 177 | Environment Team | NEB | Any free spill material that has not soaked into the ground or mixed with soil/water will be recovered. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 178 | Environment Team | NEB | Identify the spilled material. For smaller spills, use container labels, placards (symbols and UN numbers), drawings, experience, and knowledge to identify the spilled material. Consult the SDS for handling concerns, special PPE requirements, immediate actions, and clean up procedures. The SDS database can be found on Innergy, by contacting your supervisor/inspector or Environment & Sustainability. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 179 | Environment Team | NEB | If the spilled material is pipeline liquids, handle the material in accordance with the company COMP Pipeline Liquids – Handling of Pipeline Liquids. Collect a sample in accordance with the COMP Pipeline Liquids – Sampling of Pipeline Liquids. Consult Environment & Sustainability. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 180 | Environment Team | NEB | If the material has been identified as odorant (mercaptan), inspectors and contractors will refer to the company SPI C-03-03 Odourization – Operations for cleanup and response guidelines. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 181 | Environment Team | NEB | If spill or release material cannot be identified, the Environment & Sustainability will be contacted for further instruction on how to proceed. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 182 | Environment Team | NEB | In the event of a gas release, all reporting requirements are applicable. Volumes may be estimated using pressure, temperature or pipeline size. | ESA Section 16.4 | During Construction and Operations | Not Started | | |

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| 183 | Environment Team | NEB | Contaminated material (soil, sorbents, etc.) shall be disposed of in accordance with applicable legislation and company standards. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 184 | Environment Team | NEB | Environment & Sustainability will be notified by phone if the spill exceeds the reporting thresholds in the chemical table in MIPL(C)L Report Everything Online (REO) system (Table A – Chemical Table of Reportable Volumes) or if the spilled material impacts water. Environment & Sustainability shall immediately notify all external agencies and assist in the notification of landowner(s) and occupant(s). | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 185 | Environment Team | NEB | The Environment & Sustainability shall work in collaboration with on-site inspectors and staff to determine the best method of containment, clean up and remediation. The contact person in the Environment & Sustainability Department is listed in COMP Incident Response – Key Contacts, but also below. In addition, the Environment & Sustainability shall conduct regulatory reporting, provide technical advice, complete follow-up reports, and oversee remedial activities. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 186 | Environment Team | NEB | For non-reportable spills recovery methods shall be determined in collaboration with the MIPL(C)L inspectors and contractor supervisor, and by reviewing the SDS's. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 187 | Environment Team | NEB | For reportable spills, recovery methods shall be determined in collaboration with the Environment & Sustainability. Recovery methods may include: vacuum truck, commercial/improvised sorbent material, and sawdust/straw. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 188 | Environment Team | NEB | All spills will be reported in MIPL(C)L's REO system, regardless of volume by a company employee. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 189 | Environment Team | NEB | Clean any impacted equipment. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 190 | Environment Team | NEB | Clean up of soil and equipment will be completed under the direction of the Environment & Sustainability. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 191 | Environment Team | NEB | Contaminated soil will be removed to depth of saturation. If the spilled material is hydrocarbons, personnel will refer to MIPL(C)'s Procedure – Working in a Hydrocarbon Contaminated Environment. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 192 | Environment Team | NEB | To prevent any recovered spill material from re-entering the environment or presenting a health and safety concern, collected spill material will be in a secured manner until disposal arrangements can be made (covered, fenced compound etc.), consult the MSDS sheets. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 193 | Environment Team | NEB | If the spill source is from a leaking fuel truck, the tanker will be pumped dry and transferred into another tanker or other appropriate and secure container(s). | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 194 | Environment Team | NEB | Any nearby culverts will be blocked to limit spill migration if required. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 195 | Environment Team | NEB | Underground pipelines or utilities will be located by competent personnel prior to ground disturbance if a shallow depression will be excavated or surface berm constructed, in the path of the spill to stop and contain the flow. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 196 | Environment Team | NEB | Traffic will be avoided on soils contaminated by a spill. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 197 | Environment Team | NEB | The general public, construction personnel, and/or wildlife will be restricted from entering the affected area, if necessary, by fencing. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 198 | Environment Team | NEB | Appropriate Personal Protective Equipment (PPE) required when handling or working near hazardous substances. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 199 | Environment Team | NEB | Final clean-up and remediation/reclamation of a contaminated site will be conducted following an assessment of soil and water conditions. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 200 | Environment Team | NEB | Since impacts from small spot spills can generally be minimized if immediate action is taken, all small spot spills will be cleaned up immediately and then be reported to the Chief Inspector and Environmental Monitor. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 201 | Environment Team | NEB | Environmental procedures applicable to construction activities in all natural environments apply to spill clean-up. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 202 | Environment Team | NEB | In the event that hydrostatic test fluid (with additives) is spilled, it will be contained. The Saskatchewan Spill Control Centre, Ministry of Energy and Resources, SK MOE Environment, and Environment & Sustainability, will be notified immediately. Remedial measures specified by the Environment& Sustainability Director and the Spill Control Centre will be immediately undertaken to minimize the effects of the spill. | ESA Section 16.4 | During Construction and Operations | Commitment Complete | | |
| 203 | Environment Team | NEB | Implement the ERP for the Project site; including the following contingency plans: fire, spill response, extreme weather, resource discovery, contaminated soils, waste management and heritage resource discovery. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 204 | Environment Team | NEB | Contractors shall ensure that all necessary fire-fighting equipment is available at the job-site and shall appoint a fire boss (e.g. on-site foreman). | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 205 | Environment Team | NEB | A list of 24-hour fire dispatch coordinators and telephone numbers shall be developed and posted at the job sites. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 206 | Environment Team | NEB | In the event of a fire, the on-site foreman will inspect the fire site immediately and take charge of directing suppression measures. | ESA Section 16.4 | During Construction and Operations | In Progress | | |

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| 207 | Environment Team | NEB | The on-site foreman shall report any fires and relevant information to the company's Chief Inspector, local fire department, landowner, and any on-site occupants as well as the appropriate government agencies and request assistance as needed. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 208 | Environment Team | NEB | The on-site fire foreman will deploy fire-fighting equipment and or extinguish the fire directly if possible. Necessary equipment and personnel will be made available to control the fire. NOTE: Locates of all underground facilities shall be completed prior to any ground disturbance greater than 300mm (12"). | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 209 | Environment Team | NEB | Movable equipment and materials, including explosives or flammable materials and vehicles, will be promptly moved to a safe location. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 210 | Environment Team | NEB | Fire suppression measures will continue until the fire is extinguished or until otherwise notified by the local fire department. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 211 | Environment Team | NEB | The on-site fire foreman will ensure that the burn area is monitored and that the fire has been completely extinguished. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 212 | Environment Team | NEB | Identify requirements for construction vehicle/access control during construction, such as restricted access areas, gated/manned access, signs, in/out privileges, traffic flows (one-way traffic), crew buses, and speed limits, where required. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 213 | Environment Team | NEB | Notify First Call, SaskPower, Alberta One Call, third party companies and/or municipalities having utilities or infrastructure/assets in the vicinity of construction prior to the commencement of construction. | ESA Section 16.4 | During Construction and Operations | In Progress | | |
| 214 | Environment Team | NEB | All buried and overhead utilities in proximity to the construction site will be clearly identified and marked with warning signs or other structures (e.g., overhead cable goal posts to mark height restrictions) | ESA Section 16.4 | During Construction and Operations | Commitment Complete | | |
| 215 | Environment Team | NEB | Underground pipelines or utilities will be located by competent personnel prior to ground disturbance a shallow depression will be excavated or surface berm constructed, in the path of the spill to stop and contain the flow. | ESA Section 16.4 | During Construction and Operations | Not Started | | |
| 217 | Environment Team | NEB | Prior to the start of construction activity, MIPL will inform the construction contractor of any Project environmental sensitivities and related environmental protection requirements, and will provide the construction contractor with a copy of this EPP, Environmental Alignment Sheets, the SaskEnergy Environmental Protection Standards (EPS) and any associated approval conditions. | EPP Section 1.3 | Prior to Construction | In Progress | | |
| 218 | Environment Team | NEB | All relevant responsible authorities (e.g., federal, provincial and municipal regulators), landowners and identified stakeholders will be notified when construction will commence | EPP Section 1.3 | Prior to Construction | In Progress | | |
| 219 | Environment Team | NEB | The Environment and Sustainability Lead or on-site designate will conduct an orientation with Project personnel prior to commencement of construction. This will include discussing the EPP and any related approval conditions. | EPP Section 1.3 | Prior to Construction | In Progress | | |
| 220 | Environment Team | NEB | Pertinent environmental related information will be stored at the construction site. This information will include: the Project EPP; permit applications and approvals; and relevant Project reference material (e.g., site plans and specifications). | EPP Section 1.3 | Prior to and During Construction | In Progress | | |
| 221 | Environment Team | NEB | During construction, open lines of communication will be promoted and maintained between relevant Project personnel and external parties such as regulators, landowners, and other stakeholders. | EPP Section 1.3 | Prior to and During Construction | In Progress | | |
| 222 | Environment Team | NEB | Additional Project-specific environmental protocols will be developed as needed or deemed necessary. | EPP Section 1.3 | Project Lifecycle | In Progress | | |
| 223 | Environment Team | NEB | Environmental concerns will be documented and reported immediately to the Chief Inspector, Contractor Lead, Environmental Inspector, and Environment and Sustainability Lead. This communication will also include the Indigenous Construction Monitor or designated community liaison where and when applicable. | EPP Section 1.3 | Prior to and During Construction | In Progress | | |
| 224 | Environment Team | NEB | The Environment and Sustainability Lead will notify applicable responsible authorities of any reportable or non-compliance events. This will include consulting with these agencies if unanticipated environmental concern arise or if there is a required change in mitigation strategies | EPP Section 1.3 | Prior to and During Construction | In Progress | | |
| 225 | Environment Team | NEB | All incidents that qualify as being in non-compliance of applicable laws, commitments made by MIPL and/or specific approval conditions by regulators, shall be reported to the Construction Supervisor. The Construction Supervisor shall take necessary steps to rectify the situation through appropriate notification of regulators, implementation of suitable mitigation measures and record keeping of the circumstances that resulted in the noncompliance, any remedial measures taken and any recommendations for future monitoring. | EPP Section 2.0 | Prior to and During Construction | In Progress | | |

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| 226 | Environment Team | NEB | The Construction Supervisor or qualified designate will ensure the implementation of the EPP during all critical phases (e.g., clearing; topsoil/upper surface material stripping and replacement; grading; erosion control and terrain stability; pressure testing; tie-ins; watercourse, wetland, canal and ditch crossings; and clean-up). | EPP Section 2.0 | Prior to and During Construction | In Progress | | |
| 227 | Environment Team | NEB | All necessary licenses and permits will be obtained prior to commencement of construction. Copies will be maintained by the Project Manager, Environment and Sustainability Lead and the Chief Inspector. Copies of necessary licenses and permits, as well as this EPP and any project specific reports, will also be included in the construction folder for retention on site by the construction contractor. | EPP Section 2.0 | Prior to and During Construction | In Progress | | |
| 228 | Environment Team | NEB | Provincial or municipal government agencies with jurisdiction in the project area will be notified prior to construction. In addition, landowners, lessees and other project stakeholders that may be affected by construction will be notified. | EPP Section 2.0 | Prior Construction | In Progress | | |
| 229 | Environment Team | NEB | Notify First Call, One-Call, third party companies and/or municipalities having utilities or infrastructure/assets in the vicinity of construction prior to the commencement of construction. | EPP Section 2.0 | Prior to and During Construction | Commitment Complete | | |
| 230 | Environment Team | NEB | The speed limit on secondary roads or trails used to access the construction site will be a maximum of 40 km/hr and may be lowered where specific terrain features (e.g., poor long lines-of-sight), human occupancy and/or wildlife concerns have been identified. | EPP Section 2.0 | During Construction | In Progress | | |
| 231 | Environment Team | NEB | Notify qualified wildlife specialists to conduct preconstruction surveys if clearing occurs between May 8 to August 10 and as required in advance of other construction phases (e.g., soil salvage and grading). | EPP Section 2.0 | During Construction | In Progress | | |
| 232 | Environment Team | NEB | Environmental or cultural sensitive areas will be flagged and/or fenced in the field, as specified in this EPP or in regulatory approvals, prior to commencement of construction. | EPP Section 2.0 | Prior to and During Construction | In Progress | | Construction activities are taking place outside the wildlife timing restrictions. |
| 233 | Environment Team | NEB | Specific construction activities will abide by all relevant timing restrictions as required by permit approvals unless otherwise specified. | EPP Section 2.0 | Prior to and During Construction | In Progress | | |
| 234 | Environment Team | NEB | In the event that vegetation clearing is scheduled to occur within the Primary Nesting Period (PNP) for migratory birds (Zone B5; May 8 to August 10; ECCC 2017), nest searches and/or avian use surveys (occurrence of territorial or nesting behavior) may be completed, as directed by the Environment and Sustainability Lead. | EPP Section 2.0 | During Construction | Commitment Complete | | All vegetation clearing will take place during the fall and winter months therefore outside of the primary nesting period. |
| 235 | Environment Team | NEB | Arrange for landowners to harvest crops, if practical. Mow any remaining crops along the pipeline ROW to facilitate topsoil/upper surface material handling. It is preferable to mow outside of the timing constraint of wildlife species of concern that may occur in the area, and the migratory bird nesting season (May 8 – August 10). | EPP Section 2.0 | Prior to and During Construction | Not Started | | All crops were removed from the fields prior to construction commencement. |
| 236 | Environment Team | NEB | Waste and debris associated with the construction will be removed from the construction site. On-site waste collection facilities will be provided for the disposal of lightweight, non-hazardous materials. Waste will be removed on a daily or regular basis and disposed of at an approved landfill site. | EPP Section 2.0 | During Construction | In Progress | | |
| 237 | Environment Team | NEB | Labelling of hazardous materials must comply with Workplace Hazardous Materials Information System (WHMIS). | EPP Section 2.0 | During Construction | In Progress | | |
| 238 | Environment Team | NEB | If required, on site fuel and methanol storage tanks larger than 1000 litres will be located so that if a release occurs, the substance cannot enter a water run, watercourses or wetland. The storage tank will be contained in a bermed area, lined with polyethylene sheeting, with a holding capacity equal to 125% of the largest tank within the berm. | EPP Section 2.0 | During Construction | In Progress | | bulk fuel storage is off site within the Canadian Plains laydown yard. |
| 239 | Environment Team | NEB | Wastes classified as waste dangerous goods or hazardous will be handled, transported, stored, disposed of, recycled or treated in compliance with applicable regulations. | EPP Section 2.0 | During Construction | Commitment Complete | | |
| 240 | Environment Team | NEB | Dangerous goods will not be stored near steep slopes, watercourses, waterbodies, ditch and will be contained in a manner which will minimize the risk of contaminating water bodies. Fuels, lubricants, sealants, grease, chemicals, paints, and other dangerous or hazardous products will be stored and handled in accordance with manufacturer's specifications, Occupational Health and Safety requirements, WHIMS, and other requirements. | EPP Section 2.0 | During Construction | In Progress | | |
| 241 | Environment Team | NEB | Shippers, carriers, and receivers of hazardous waste will be licensed and registered with Saskatchewan Ministry of Environment (SK MOE) or Alberta Environment (AENV). Current and valid licensing and registration will be a contract requirement for contractors. A copy of licensing and registration documents will be forwarded to the Director of Environment and Sustainability on request. | EPP Section 2.0 | During Construction | In Progress | | |
| 242 | Environment Team | NEB | The contractor will keep records of waste dangerous goods generated, transported, stored, and sent for disposal. A copy of such records will be forwarded to the Director of Environment and Sustainability on request. | EPP Section 2.0 | During Construction | In Progress | | |

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| 243 | Environment Team | NEB | Registered carriers, within the country of Canada, require a waste manifest to transport hazardous waste. Quantities of hazardous or waste dangerous goods that can be transported without using a manifest are: a) solid waste - less thank 5 kg; b) liquid waste - less than 5 litres; and c) PCB waste - less than 0.55 kg at a concentration no less than 50mg/kg | EPP Section 2.0 | During Construction | In Progress | | |
| 244 | Environment Team | NEB | Those who show careless or wanton neglect of the environment or disregard the EPP will be removed from the work. | EPP Section 3.1 | During Construction | In Progress | | |
| 245 | Environment Team | NEB | Minimize traffic as much as practical as per the Transportation Plan developed in Section 2.0. | EPP Section 3.1 | During Construction | In Progress | | |
| 246 | Environment Team | NEB | Vehicular traffic and construction activities will be restricted to the designated ROW, approved work spaces, and access roads. If boundary stakes are inadvertently damaged or destroyed, they will be replaced immediately. | EPP Section 3.1 | During Construction | In Progress | | |
| 247 | Environment Team | NEB | MIPL(C)L and construction personnel must show safe care and proper conduct when traveling along the ROW and other designated construction/access areas with equipment, ATVs or vehicles to minimize disturbance to private and public property. | EPP Section 3.1 | During Construction | In Progress | | |
| 248 | Environment Team | NEB | MIPL's contractor staff and personnel will limit their use of a ROW to the narrowest extent possible to restrict damage to crops, fences, ditches, access trails, natural landscapes, and private and public property. | EPP Section 3.1 | During Construction | In Progress | | |
| 249 | Environment Team | NEB | Where the ROW passes through yards, gardens, lawns, shelterbelts, or windbreaks, or passes under ditches or irrigation canals, the width of the ROW will be restricted to that required for the use of equipment. | EPP Section 3.1 | During Construction | In Progress | | |
| 250 | Environment Team | NEB | Across cropped agricultural land, surveyors will make every effort to stay within the immediate area of the preliminary route. | EPP Section 3.1 | During Construction | In Progress | | |
| 251 | Environment Team | NEB | The use of progressively reclaimed portions of ROW for construction traffic will be avoided. | EPP Section 3.1 | During Construction | In Progress | | |
| 252 | Environment Team | NEB | Clearly survey and stake the access road, compressor lease site and pipeline boundaries, TWS and centerline (pipeline only). Clear travel and work only within stake/flagged areas. The cleared area should be minimized to prevent erosion and loss of habitat. | EPP Section 3.1 | During Construction | In Progress | | |
| 253 | Environment Team | NEB | Use short stakes in areas where cattle are grazing and consider using biodegradable survey tape since wildlife and cattle may consume staking or flagging. | EPP Section 3.1 | During Construction | In Progress | | |
| 254 | Environment Team | NEB | Confine construction activities to the approved construction compressor lease site and access, and pipeline ROW. Construction traffic will be restricted to existing roads, the ROW or approved temporary access routes. All roads damaged by construction vehicles will be repaired to preconstruction conditions. All traffic safety and road closure regulations will be followed. | EPP Section 3.1 | During Construction | In Progress | | |
| 255 | Environment Team | NEB | If the staked compressor lease site and ROW is insufficient to accommodate all activity, spoil piles, cut and fills, or other needs, additional ROW will be acquired through proper procedures; required approvals will be obtained. | EPP Section 3.1 | During Construction | Not Started | | |
| 256 | Environment Team | NEB | Identify the need for extra workspace prior to construction. Extra workspace may be required at:<br>•Sharp sidebends as well as foreign line, ditch, rail and road crossings to ensure sufficient separation between topsoil/upper surface material and spoil piles;<br>•Sidehills and on hummocky terrain to ensure sufficient storage space for graded material;<br>•Locations of three-lift soils handling or where deep topsoils (over 25 cm) are identified on cultivated land (for construction during nonfrozen soil conditions);<br>•Locations where slash is salvaged for rollback or removed for third party use (e.g., firewood);<br>•Watercourse crossings to ensure sufficient room to permit storage of topsoil/upper surface material and spoil 3 m (minimum) back from the top of the bank; and/or,<br>•Trenchless crossings to ensure sufficient room for pipe laydown and drag sections and drill pad sites. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 257 | Environment Team | NEB | Following clearing, re-mark all sensitive resources as necessary and supplement markings with signage. | EPP Section 3.1 | During Construction | In Progress | | |
| 258 | Environment Team | NEB | Initial civil (earthwork) on the site and any work within the adjacent workspace will be undertaken with equipment which will minimize disturbance of the soil surface such as low ground pressure tracks or tires. Equipment will be equipped with spark retarding capabilities. | EPP Section 3.1 | During Construction | In Progress | | |

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| 259 | Environment Team | NEB | Install sediment barriers immediately after initial ground disturbance at the following locations:<br>a. Within the ROW at the edge of the boundary between wetland and upland;<br>b. Along the edge of the ROW, where the ROW slopes toward a wetland, to protect any adjacent, off ROW wetlands;<br>c. Along the edge of the ROW, as necessary, to contain spoil and sediment within the ROW through wetlands; and,<br>d. Sediment barriers and fences should be constructed on level ground or at toe-slopes whenever possible. On steep or long slopes, a series of sediment barriers and fences at different slope positions may be required because if installed at lower- or mid-slope positions only, they can collapse when the weight of the sediment exceeds the holding capacity of the fence or barrier. | EPP Section 3.1 | During Construction | In Progress | | |
| 260 | Environment Team | NEB | Suspend construction activities if adverse weather or ground conditions cause, or may cause, adverse effects (e.g., excessive erosion, mixing, rutting, loss or degradation of surface soil, sedimentation of watercourses (see Section 4.0) | EPP Section 3.1 | During Construction | In Progress | | |
| 261 | Environment Team | NEB | Implement the Wet Soils Contingency Measures during topsoil/upper surface material stripping if any of the following are encountered: poor colour separation between topsoils and subsoils; stony soils; unstable trench walls; uneven surface on grasslands (Section 4.0). | EPP Section 3.1 | During Construction | In Progress | | |
| 262 | Environment Team | NEB | Restrict construction traffic, use vehicles/equipment with low pressure tires or tracks, and install access matting to reduce, rutting, admixing and compaction if the soil is saturated and construction must proceed. | EPP Section 3.1 | During Construction | In Progress | | |
| 263 | Environment Team | NEB | Use access matting in areas that may remain wet, saturated or otherwise soft. | EPP Section 3.1 | During Construction | In Progress | | |
| 264 | Environment Team | NEB | Construction personnel are not permitted to have pets at the construction site. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 265 | Environment Team | NEB | Harassment of livestock will be prohibited. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 266 | Environment Team | NEB | Any fences inadvertently damaged adjacent to the construction site will be repaired immediately. If neighboring fence sections need to be removed to facilitate construction, temporary fences will be installed that bypasses the construction area (see Drawing No. 3 of SaskEnergy's EPS). Original fenceline will be re-established at the end of construction. | EPP Section 3.1 | During Construction | In Progress | | |
| 267 | Environment Team | NEB | MIPL will discuss with landowner/occupants the option of moving livestock to alternate grazing locations. | EPP Section 3.1 | Prior to and During Construction | In Progress | | |
| 268 | Environment Team | NEB | Where livestock are present, open bellholes will be temporarily fenced. | EPP Section 3.1 | During Construction | In Progress | | All open bell holes are fenced at the end of the day |
| 269 | Environment Team | NEB | Where livestock are present, temporary and existing gates temporary gates will have appropriate signage and kept closed; only opened for duration of equipment/vehicle passage. | EPP Section 3.1 | During Construction | In Progress | | |
| 270 | Environment Team | NEB | Do not harass or feed wildlife. Construction personnel shall not be permitted to have dogs or firearms on the ROW or work site. In addition, the recreational use of all-terrain vehicles by construction personnel on the ROW shall be prohibited. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 271 | Environment Team | NEB | Any incidents with nuisance wildlife, collisions with wildlife or wildlife deaths that are project-related will be reported to the Environment and Sustainability Lead, Environmental Inspector as well as the appropriate authorities. | EPP Section 3.1 | During Construction | In Progress | | |
| 272 | Environment Team | NEB | Leave periodic gaps in continuous salvaged soil, trench spoil, , snow, and slash windrows, and strung and welded pipe at identified game trails and movement corridors, or where requested by the Environmental Inspector, to allow wildlife movement across the ROW This will include corresponding hard or soft plugs in the open trench. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 273 | Environment Team | NEB | Trench ends will be tapered provide escape options for wildlife that may inadvertently fall into the trench; length of continuous open trench will be minimized and initial backfilling will follow closely behind lowering-in. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 274 | Environment Team | NEB | Fencing will be erected around open bellholes to exclude wildlife. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 275 | Environment Team | NEB | The speed limit at the construction site will be a maximum of 40km/hr and may be lowered where specific wildlife concerns have been identified. | EPP Section 3.1 | During Construction | In Progress | | |
| 276 | Environment Team | NEB | Key or sensitive wildlife features (e.g. wetlands, cavity nest trees) will be flagged and/or fenced in the field, as specified by project environmental permits and approvals and related environmental instructions, prior to commencement of construction. | EPP Section 3.1 | During Construction | In Progress | | |
| 277 | Environment Team | NEB | Any previously unidentified sensitive habitat features are to be reported to the Environment and Sustainability Lead who will report the information to provincial/federal responsible authority or agency personnel, as required. A mitigation plan will be developed in consultation with the agency, if required. | EPP Section 3.1 | Project Lifecycle | In Progress | | |

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| 278 | Environment Team | NEB | In the event that soil stripping and grading are scheduled to occur within the Primary Nesting Period (PNP) for migratory birds (Zone B5; May 8 to August 10; ECCC 2017), nest searches and/or avian use surveys (occurrence of territorial or nesting behavior) may be completed, as directed by the Environment and Sustainability Lead. | EPP Section 3.1 | During Construction | Commitment Complete | | Soil stripping and grading will all take place outside the primary nesting period. |
| 279 | Environment Team | NEB | Construction will occur during daylight hours to avoid disturbance to crepuscular and nocturnal species. If longer HDD's are continuous (24 hours), appropriate noise and light mitigations will be employed. | EPP Section 3.1 | During Construction | In Progress | | |
| 280 | Environment Team | NEB | Equipment must arrive to the project site in a condition free of remnant soil or plant material to minimize the risk of weed or soil pathogen introduction. Equipment that arrives containing loose or compacted soil and plant material will not be allowed on the construction site until it has been cleaned using brooms, brushes, shovels, high pressure water, or compressed air. Ensure any locations used for cleaning of equipment are contained (e.g.., use of portable wash bay/rack) and do not permit any further spread of invasive species or weeds. | EPP Section 3.1 | During Construction | In Progress | | |
| 281 | Environment Team | NEB | Pre- and post-construction weed control measures will be developed in conjunction with the landowner/occupant. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 282 | Environment Team | NEB | Determine the presence of existing noxious weed occurrences which construction equipment could carry forward from an infested to a clean area. If avoidance is not possible, contact Environment & Sustainability for assistance and the development of appropriate mitigation plan (e.g., matting, bridging, soil salvage isolation, pre-treatment, mowing). | EPP Section 3.1 | Prior to and During Construction | In Progress | | |
| 283 | Environment Team | NEB | Note any infestations of weeds in construction notes prior to clearing and/or earthwork. | EPP Section 3.1 | Prior to and During Construction | In Progress | | |
| 284 | Environment Team | NEB | Monitor weed growth on topsoil/upper surface material piles during the course of construction and corrective measures (i.e., spraying, cutting, hand picking) will be conducted if warranted. | EPP Section 3.1 | During Construction | In Progress | | |
| 285 | Environment Team | NEB | Dust suppressants will be applied (e.g., water, calcium chloride, or tree lignin based dust suppressant) on the construction site or access roads as required. Calcium chloride will not be used on agricultural fields. Local road authorities will be informed prior to application of dust suppressants on public roads. | EPP Section 3.1 | During Construction and Operations | Not Started | | |
| 286 | Environment Team | NEB | Company and construction personnel will avoid excessive idling of vehicles. Vehicles or equipment are to be turned off when not in use unless required for effective operation of the vehicle or equipment. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 287 | Environment Team | NEB | Construction equipment will be maintained in good working order and properly muffled. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 288 | Environment Team | NEB | Use high-efficiency, low-NOx reciprocating engines. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 289 | Environment Team | NEB | Install silencers for gas turbine combustion air inlet and exhaust. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 290 | Environment Team | NEB | Ensure noise abatement equipment on machinery is in good working order. | EPP Section 3.1 | Project Lifecycle | In Progress | | |
| 291 | Environment Team | NEB | Locate the engine - compressor package inside the compressor building. | EPP Section 3.1 | During Construction | In Progress | | |
| 292 | Environment Team | NEB | Fueling and lubrication of construction equipment will be carried out in a manner that minimizes the possibility of spills. On-site fuel tanks, if required, will be situated in a designated area and have appropriate secondary containment. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 293 | Environment Team | NEB | All fuel storage and handling operations will be sited at least 100 m from the nearest watercourse or waterbody, or in accordance with regulatory approvals (i.e., have appropriate secondary containment)<br>a.Refueling of mobile construction equipment will occur at a minimum of 100 m from any water body unless appropriate secondary containment is in place. Refueling activities will be monitored at all times, and vehicles will not be left unattended while being refueled. Containers, hoses, and nozzles will be free of leaks. Fuel nozzles will be equipped with functional automatic shut-offs and spill containment and response material will be stored on site. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 294 | Environment Team | NEB | When refueling, a catch tray of sufficient size and depth will be employed to minimize the risk of accidental spillage of waste products. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 295 | Environment Team | NEB | Spills will be contained and cleaned up immediately and reported to the Environmental Inspector, Environment & Sustainability Lead, and the appropriate regulatory agencies. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 296 | Environment Team | NEB | Vehicles, machinery, and equipment will be inspected daily and free of fluid leaks, and will be equipped with a spill kit and fire extinguisher | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 297 | Environment Team | NEB | Repair and maintenance, of all vehicles and equipment will be restricted to a confined area. An impervious groundsheet and/or catch trays will be laid under the equipment or machinery being maintained or repaired to intercept all fluids which might leak or spill. Used oil, filters, and grease cartridges and other products of equipment maintenance will be collected and disposed of at an approved waste site. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 298 | Environment Team | NEB | When changing oil and lubricants, a catch tray of sufficient size and depth will be employed to minimize the risk of accidental spillage of waste products. | EPP Section 3.1 | During Construction and Operations | In Progress | | |

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| 299 | Environment Team | NEB | In the event a previously unknown archaeological or cultural resource is discovered during construction, work activity in the area of the discovery will be suspended, the Chief Inspector, Environment and Sustainability Lead and Indigenous Construction Monitor or community liaison notified immediately, and the Heritage Resource Discovery Contingency Plan will be initiated. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 300 | Environment Team | NEB | Be familiar with and prepared to implement the Emergency Response Plan for the project site. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 301 | Environment Team | NEB | Be familiar with and prepared to implement the Contingency Plans (see Section 4.0) for: wet condition shutdown; fire; spills; drilling mud release; extreme weather; heritage resource discovery; contaminated soils; vehicle accident; damage to existing utilities; wildlife species of concern discovery, and rare plant species of concern discovery. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 302 | Environment Team | NEB | Equipment used will be appropriate to the size and scale of the pipeline construction program. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 303 | Environment Team | NEB | The Chief Inspector will be consulted to determine the amount of continuous open trench that may be allowable, the location of ditch plugs, and the corresponding location of gaps in the spoil pile. Plugs and gaps may be required to permit vehicular access and movement of livestock and wildlife from one side of the trench to the other. Recommended minimum width of the plug and gap is 3m. Plugs and gaps should correspond to gaps in soil and windrows. (Appendix A, Drawing No.1). | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 304 | Environment Team | NEB | Fences and gates hindering the construction program will be replaced with temporary fences and gates. Gates will be kept closed when not in use, unless otherwise directed by the landowner/occupant. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 305 | Environment Team | NEB | In co-operation with the landowner or occupant, arrangements will be made for appropriate timing for the removal of any existing fences or gates, and the temporary replacement of all fences and gates that might have been damaged or removed. Replacement fences will be of a quality comparable to or better than fences or gates damaged or removed. (Appendix A, Drawing No. 2 and Drawing No. 3). | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 306 | Environment Team | NEB | Where the contractor requires a suitable, substantial gate or gap in a fence intersected by the proposed pipeline for the passage of construction equipment, the fences will be braced and reinforced on each side of a gap to be opened before the fence is cut. Temporary gates will be constructed to facilitate secure closure and are satisfactory to the occupant's approval. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 307 | Environment Team | NEB | Install temporary fences, where warranted, to keep cattle and wildlife away from construction areas. | EPP Section 3.1 | During Construction | In Progress | | |
| 308 | Environment Team | NEB | If necessary, a watchman will maintain gates to prevent livestock or un-authorized third parties from entering or leaving the property. | EPP Section 3.1 | During Construction | Not Started | | |
| 309 | Environment Team | NEB | Continuously collect and dispose of all construction garbage at an approved facility to avoid the attraction of nuisance animals. Waste containers shall accompany each working unit. No waste shall be disposed of in the trench or excavated areas. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 310 | Environment Team | NEB | Collect waste material and remove from the construction site on a regular basis. Ensure waste materials, including hazardous wastes, are contained and removed to an appropriate collection/disposal location and recycled where practical. Ensure waste storage areas are sited to prevent blockage of drainage or risk introduction of waste material into a watercourse or wetland. | EPP Section 3.1 | During Construction | In Progress | | |
| 311 | Environment Team | NEB | Waste will be placed in containers designed for that purpose. Garbage will not be discarded in a manner which will litter roadsides, ditches, fields, or other environments. All items that can be recycled should be in order to ensure as little of an impact on the environment as possible. | EPP Section 3.1 | During Construction and Operations | In Progress | | |
| 312 | Environment Team | NEB | Wood skids, waste, and other construction debris will not be disposed of on the construction site. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 313 | Environment Team | NEB | Spent welding rods will be stored in receptacles for disposal. Spent welding rods will not be left on the ground or on the construction site. | EPP Section 3.1 | During Construction | Commitment Complete | | |
| 314 | Environment Team | NEB | If used, methanol, ethylene glycol, and water contaminated by freezing depressants will be collected in tanks and disposed of or recycled in an approved manner. Contaminants will not be allowed to enter the natural environment. | EPP Section 3.1 | During Construction and Operations | Commitment Complete | | |
| 315 | Environment Team | NEB | Waste fuels, lubricants, herbicides, and other chemicals will be collected and disposed of or recycled in a manner which will not result in an adverse environmental impact and in accordance with manufacturer specifications and government regulations. For example, drums should be triple rinsed before returning them to the supplier or recycling facility. | EPP Section 3.1 | During Construction and Operations | In Progress | | The contractor stores used oil in a tote and has a third party company remove it from their laydown yard. |

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| 316 | Environment Team | NEB | Prevent or control soil erosion and water siltation to the satisfaction of the Chief Inspector and Environment Inspector, or qualified designate, and the appropriate provincial authority. The Contractor will make available personnel and equipment to install and maintain control erosion when warranted. | EPP Section 3.1 | During Construction | In Progress | | |
| 317 | Environment Team | NEB | Soil handling will be suspended during high wind events to prevent loss of topsoil. Where persistent high winds are eroding topsoil piles, erosion control measures, such as the application of water, snow fence, mulch, clean straw, soil tackifiers or secured tarping for small piles, will be used to stabilize the topsoil (Drawing No. 19 of SaskEnergy's EPS). | EPP Section 3.1 | During Construction | Not Started | | |
| 318 | Environment Team | NEB | Sediment barriers will be installed prior to or immediately after initial ground disturbance at the following locations:<br>a)Within the ROW at the edge of the boundary between wetland or drainage and upland;<br>b)Along the edge of the ROW, where the ROW slopes toward a wetland or drainage, to protect any adjacent, off ROW wetlands or drainages; | EPP Section 3.1 | During Construction | In Progress | | |
| 319 | Environment Team | NEB | Barriers may be constructed of materials such as sediment fence, staked clean straw bales, compacted subsoil berms, sandbags, or equivalent material. | EPP Section 3.1 | During Construction | In Progress | | |
| 320 | Environment Team | NEB | Sediment barriers and fences should be constructed on level ground or at toe-slopes whenever possible. | EPP Section 3.1 | During Construction | In Progress | | |
| 321 | Environment Team | NEB | Sediment barriers will be inspected regularly to ensure proper functioning and maintenance. Barriers will be inspected and maintained on a weekly basis throughout construction and within 24 hours following storm events. | EPP Section 3.1 | During Construction | Not Started | | |
| 322 | Environment Team | NEB | Sediment barriers will be left in place until permanent vegetation measures in the bar ditches along the new access road to the compressor site are successful. | EPP Section 3.1 | During Construction and Operations | Not Started | | |
| 323 | Environment Team | NEB | On non-cultivated lands, erosion control and sediment barriers will be left in place until permanent vegetation measures on disturbed areas are successful. | EPP Section 3.1 | During Construction and Operations | Not Started | | |
| 324 | Environment Team | NEB | Regulate all drainage from construction areas, including ditches and/or berms, to prevent off-site erosion and sedimentation. | EPP Section 3.1 | During Construction | In Progress | | |
| 325 | Environment Team | NEB | Final grade of agricultural lands will ensure that the surface flow of water is not impeded. | EPP Section 3.1 | During Construction | In Progress | | |
| 326 | Environment Team | NEB | Where persistent high winds are eroding topsoil piles or moving topsoil from the working side of the ROW, erosion control measures, such as the application of water, mulch, wood chips, or soil tackifiers, will be used to stabilize the topsoil (Appendix A, Drawing No. 57). If storage piles are to remain for an extended period, seeding of a quick germinating cover crop (e.g., annual cereal) may be considered to mitigate soil loss by wind and water erosion. | EPP Section 3.1 | During Construction | Not Started | | |
| 327 | Environment Team | NEB | Clearly survey and stake the access road, compressor lease site and pipeline boundaries and TWS. Clear travel and work only within stake/flagged areas. The cleared area should be minimized to prevent erosion and loss of habitat. | EPP Section 3.2 | During Construction | In Progress | | |
| 328 | Environment Team | NEB | Use short stakes in areas where cattle are grazing and consider using biodegradable survey tape since wildlife and cattle may consume staking or flagging. | EPP Section 3.2 | During Construction | In Progress | | |
| 329 | Environment Team | NEB | Confine construction activities to the approved construction compressor lease site and access, and pipeline ROW. Construction traffic will be restricted to the Highway, surveyed road boundary and TWS, and MIPL(C)L pipeline. If the Highway or associated ditch is damaged by construction vehicles, it will be repaired to preconstruction conditions. All traffic safety regulations will be followed. | EPP Section 3.2 | During Construction and Operations | In Progress | | |
| 330 | Environment Team | NEB | If the staked compressor lease site and road ROW is insufficient to accommodate all activity, spoil piles, cut and fills, or other needs, additional TWS will be acquired through proper procedures; required approvals will be obtained. | EPP Section 3.2 | During Construction | Not Started | | |
| 331 | Environment Team | NEB | Identify the need for extra workspace prior to construction. Extra workspace may be required at:<br>•Sidehills or uneven terrain to ensure sufficient storage space for graded material;<br>•Locations where slash is salvaged for rollback or decked for third party use; and/or<br>•Adjacent to low-lying areas or water runs to ensure sufficient room to permit storage of topsoil/upper surface material 3 m (minimum) back from the top of the bank. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 332 | Environment Team | NEB | Where grading or other earthwork is not required, woody cover will be mulched to ground level to maintain the rooting structure and growth crown, limit ground disturbance, and minimize disturbance to the seedbank. | EPP Section 3.2 | During Construction | Commitment Complete | | |

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| 333 | Environment Team | NEB | Mulch will be salvaged with topsoil or left spread on the surface in areas where stripping is not required. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 334 | Environment Team | NEB | Large diameter trees may be hand cut and salvaged for removal if requested by the occupant. | EPP Section 3.2 | During Construction | Commitment Complete | | All standing timber was removed with a feller buncher and brought to the landowners property. |
| 335 | Environment Team | NEB | Suspend construction activities if adverse weather or ground conditions cause, or may cause adverse effects (e.g., excessive erosion, mixing, rutting, loss or degradation of surface soil, sedimentation of watercourses) (Section 8.1). | EPP Section 3.2 | During Construction | In Progress | | |
| 336 | Environment Team | NEB | Prior to topsoil salvage, restrict construction traffic and use low-ground pressure tires on vehicles to reduce admixing and compaction if the soil is saturated and construction must proceed. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 337 | Environment Team | NEB | Topsoil will not be stripped from the TWS or other designated work areas not (e.g., perimeter of the CS, laydown sites) provided measures are in place to address the risk of compaction and rutting. These include: working in suitably dry conditions, use of protective matting, and/or use of low ground pressure equipment. Alternatively topsoil on areas of the workspace that present compaction and rutting risks may be temporarily stripped and stored for replacement once construction is complete. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 338 | Environment Team | NEB | Assign a person to guide the equipment operator as to the depth of topsoil/upper surface material, if warranted. | EPP Section 3.2 | During Construction | Commitment Complete | | The contractor grade foreman has instructed all operators to strip topsoil to the color change. |
| 339 | Environment Team | NEB | Salvage topsoil on all areas to be stripped based on color change to a maximum depth of 15 cm. | EPP Section 3.2 | During Construction | Commitment Complete | | Topsoil is being salvaged to color change to eliminate the loss of topsoil. |
| 340 | Environment Team | NEB | Topsoil will be stripped form the access road travel surface, stored temporarily during grading, and bladed back onto bar ditches once the road grade and profile is established. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 341 | Environment Team | NEB | Topsoil will not be used as padding material or for creating ramps and approaches unless otherwise approved by the Chief Inspector and Environment and Sustainability Lead. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 342 | Environment Team | NEB | Construct a level road traveling surface from subsoil. Compact as necessary to accommodate heavy equipment traffic. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 343 | Environment Team | NEB | If borrow material is required for constructing the road subgrade, employ efforts to source it from local existing borrow locations or suppliers. | EPP Section 3.2 | During Construction | Commitment Complete | | A borrow pit was used to construct the access road into the compressor station. |
| 344 | Environment Team | NEB | Topsoil will be stripped from the compressor site, and stored in such a way as to minimize the mixing of topsoil with graded sub-surface soils until it is returned to those parts of the site that will not be graveled during operations or placed in long-term storage areas along the perimeter of the operations portion of the compressor site. Excess topsoil from the compressor site will be stored for future decommissioning and reclamation. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 345 | Environment Team | NEB | Long term soil storage areas (e.g., elongated, low profile berms) remaining in place once CS construction is complete will be marked on as built drawings, including volumes, dimensions and locations. | EPP Section 3.2 | During Construction | Not Started | | |
| 346 | Environment Team | NEB | If borrow material is required for constructing the CS yard, employ efforts to source it from local existing borrow locations or suppliers. | EPP Section 3.2 | During Construction | Commitment Complete | | |
| 347 | Environment Team | NEB | If a berm will be used to manage surface water flow and to act as a barrier in the event of an uncontrolled product release, do not exceed 1 m in height, compact soils and do not use topsoil as a water management berm around the compressor site. | EPP Section 3.2 | During Construction | Not Started | | |
| 348 | Environment Team | NEB | If salvaged topsoil is spread over intact topsoil on the perimeter of the CS workspace as a means of long-term storage, the depth, volume, dimensions and locations will be clearly marked and delineated on as built drawings. | EPP Section 3.2 | During Construction | Not Started | | |
| 349 | Environment Team | NEB | Salvaged topsoil will be evenly spread over the previously stripped portions of the compressor site and access corridor (i.e., outside of facility fence line, road bar ditches) that will not be graveled during operations | EPP Section 3.2 | During Construction | Not Started | | |
| 350 | Environment Team | NEB | Locate soil stockpiles so they are accessible and available for replacement for future reclamation. | EPP Section 3.2 | During Construction | In Progress | | |
| 351 | Environment Team | NEB | Long term topsoil storage stockpiles, if present, will be seeded to prevent erosion. | EPP Section 3.2 | During Construction | Not Started | | |
| 352 | Environment Team | NEB | Stake both boundaries of the ROW and any additional TWS. Do not allow clearing, grading or trespassing beyond the stakes unless additional workspace rights have been obtained. Clearly flag or stake the boundaries of temporary access roads and shoo-flies. | EPP Section 3.3 | During Construction | In Progress | | |
| 353 | Environment Team | NEB | Stake the ROW so that watercourses, ditches foreign lines and roads are crossed perpendicularly or as per crossing agreements, and slopes are ascended or descended along the fall line. | EPP Section 3.3 | During Construction | In Progress | | |

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| 354 | Environment Team | NEB | Clearly flag and, when feasible to avoid, fence-off areas to exclude sensitive site specific features (e.g., archaeological sites, rare plant sites, wildlife dens and nests, fish habitat) if identified in the Environmental and Socio Economic Assessment, during pre-construction inspections or by the Environmental Inspector. Locations will be communicated to the Chief Inspector and Contractor lead and added to the alignment sheets in the construction office as required. | EPP Section 3.3 | During Construction | In Progress | | |
| 355 | Environment Team | NEB | Restrict construction traffic to the trench area and work side of the ROW to reduce the area subjected to potential soil compaction, rutting or other unnecessary surface disturbances. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 356 | Environment Team | NEB | Use existing bridges/vehicle crossings over watercourses, canals and ditches, if practical. | EPP Section 3.3 | During Construction | In Progress | | land was not acquired for the existing canal crossing and an approved temporary bridge was installed. |
| 357 | Environment Team | NEB | Install temporary vehicle crossings, if warranted, in accordance with conditions of landowner crossing/road use agreements or regulatory requirements (e.g., Fisheries and Oceans (DFO), Aquatic Habitat Protection Plan (AHPP) permit ). Requirements will vary depending upon the jurisdiction and whether the watercourse is fish-bearing. | EPP Section 3.3 | During Construction and Operations | Commitment Complete | | An approved temporary vehicle crossing was installed at the canal in the SE11-62-27 W3M. |
| 358 | Environment Team | NEB | Remove only that vegetation adjacent to a watercourse, waterbody and/or trench line that is necessary. | EPP Section 3.3 | During Construction and Operations | Commitment Complete | | |
| 359 | Environment Team | NEB | Document watercourse crossings with photos prior to any clearing activities and after construction. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 360 | Environment Team | NEB | Do not clear within the vegetated buffers at watercourses or ditches to be horizontally directionally drilled or bored except, if necessary, along the travel lane. If feasible and allowed by third-party operating company, locate vehicle crossing at watercourses on adjacent rights-of-way in order to minimize clearing requirements and disturbance of the buffer area. | EPP Section 3.3 | During Construction and Operations | Commitment Complete | | |
| 361 | Environment Team | NEB | If narrow line-of-sights or paths for horizontal directional drill tracking (e.g., wire line, walk-over) are required, they will be hand cleared and the slash laid flat on the surface. | EPP Section 3.3 | During Construction and Operations | Commitment Complete | | |
| 362 | Environment Team | NEB | Woody cover will be mulched to ground level to maintain the rooting structure and growth crown, limit ground disturbance, and minimize disturbance to the seedbank. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 363 | Environment Team | NEB | Mulch will be salvaged with topsoil or left spread on the surface in areas where stripping is not required. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 364 | Environment Team | NEB | Large diameter trees may be hand or machine cut (e.g., feller buncher) and salvaged for removal if requested by the landowner or occupant. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 365 | Environment Team | NEB | Hand or machine cut trees or other slash generated in non-mulched areas that is not salvaged for landowner or occupant use will be stored (e.g., windrowed) for rollback during clean-up and reclamation. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 366 | Environment Team | NEB | Salvaged topsoil/ organic material and graded or excavated subsoils will not be stored in drainages or adjacent to low-lying areas, wetlands or defined watercourses | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 367 | Environment Team | NEB | Use equipment which will minimize surface disturbance, soil compaction, and loss of topsoil. Such equipment includes low ground pressure tracks or tires and mulchers or brush rakes with shoes for clearing. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 368 | Environment Team | NEB | Topsoil will not be stripped from the TWS or other designated work areas (e.g., laydown sites) provided measures are in place to address the risk of compaction and rutting. These include: working in suitably dry or frozen conditions, use of protective matting, and/or use of low ground pressure equipment. However, topsoil on areas of the workspace that present compaction and rutting risks may be stripped and stored for replacement once construction is complete. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 369 | Environment Team | NEB | Salvaged topsoil will not be used for ramping or padding unless approved by the Environment and Sustainability Lead. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 370 | Environment Team | NEB | Salvage topsoil on all areas to be stripped based on color change to a maximum depth of 15 cm. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 371 | Environment Team | NEB | Assign a person to guide the equipment operator as to the depth of topsoil/upper surface material, if warranted. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 372 | Environment Team | NEB | Disturbance of topsoil will be minimized. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 373 | Environment Team | NEB | Topsoil (including organic layer and sod layers in open grasslands) stripped from the ROW, or other work areas, will be stored in such a way as to minimize the mixing of topsoil with sub-surface soils until it is returned during clean-up. See Appendix A, Drawings No. 6-11, 14-16 and Appendix B of the SaskEnergy EPS for the criteria to be used to determine the appropriate topsoil salvage width. | EPP Section 3.3 | During Construction | Commitment Complete | | |

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| 374 | Environment Team | NEB | The amount and width of topsoil to be removed and stored separately from graded subsoils and trench spoil will depend upon soil conditions, cover type, land use, and season (see Appendix B and Drawing Nos. 6-11, 14-16). The width and depth of topsoil removal will be determined on a quarter by quarter basis. •On level to gently sloping terrain, salvage a blade width (generally 3-4 m) of topsoil/upper surface material centered over the trench on seeded pasture, hayland and cleared forested areas (Dwg. 8 of SaskEnergy's EPS). Disc well-sodded lands prior to stripping in order to facilitate topsoil stripping operations. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 375 | Environment Team | NEB | Unless otherwise requested by the landowner or dictated by soil conditions, salvage topsoil from the trench and spoil pile area on cultivated and poorly-sodded hay and seeded pasture lands (Dwgs. No. 6-11, 14-16 of SaskEnergy's EPS). | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 376 | Environment Team | NEB | Salvage a greater width of topsoil at sharp sidebends and at open cut crossings of watercourses, low-grade roads, and foreign lines to accommodate a wider and/or deeper trench. Similarly, strip topsoil/upper surface material from all other areas to be excavated, such as entry/exit pits for directional drill crossings, foreign line exposures, and tie-ins or connections. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 377 | Environment Team | NEB | Strip a wider area of topsoil/upper surface material from areas that are susceptible to unstable trench walls, or where boulders are anticipated to be encountered at trench depth. The area stripped should be wide enough to ensure that topsoil/subsoil mixing does not occur. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 378 | Environment Team | NEB | Grade changes requiring excessive cuts and fills will be minimized. Grading will occur only as required to provide an adequate and safe work and travel surface for construction equipment and to allow over bends and sags to be made within permissible bending limits (Drawing No. 15 of EPS). | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 379 | Environment Team | NEB | Where possible, the ROW will be two-toned to restrict the need for deep cuts and additional ROW on steep side hills (Drawing No. 16 of SaskEnergy's EPS). | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 380 | Environment Team | NEB | Leave gaps in the topsoil and spoil windrows, as well as trench crown after backfilling, at locations where surface drainage will cross the ROW. Also leave gaps, where warranted, to allow wildlife, farm equipment and livestock to cross the ROW. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 381 | Environment Team | NEB | Tackify or apply water, or pack the topsoil pile with approved equipment if, in the opinion of the Construction Supervisor or Environmental Inspector, the salvaged soils are likely to be prone to wind erosion. | EPP Section 3.3 | During Construction | Not Started | | |
| 382 | Environment Team | NEB | Construct ramps on the work side of the ROW over existing foreign pipelines or buried utilities as per crossing agreements. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 383 | Environment Team | NEB | Minimize the removal of vegetation and the disturbance of soil adjacent to wetlands and defined drainages | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 384 | Environment Team | NEB | Narrow down the construction ROW and protect the wetland or drainage by using silt fencing or other barrier; clearly mark the wetland boundaries using flagging and limit traffic in the vicinity of the flagged area. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 385 | Environment Team | NEB | Any wetland boundaries present within 10 m of the ROW will be marked and protected using a suitable sediment barrier (e.g. embedded silt fence) (Appendix A, Drawings No. 19) prior to the start of construction. Wetlands where sediment barriers may be required include the two shown on Figure 1-1 (one along the access road, one on the south side of the workspace). | EPP Section 3.3 | During Construction | Not Started | | |
| 386 | Environment Team | NEB | Sediment barriers will be inspected and maintained on a weekly basis throughout construction and within 24 hours following storm events. | EPP Section 3.3 | During Construction | Not Started | | |
| 387 | Environment Team | NEB | Sediment barriers will be left in place until reclamation measures are successful and upland areas adjacent to wetlands or defined drainages are stabilized. | EPP Section 3.3 | During Construction and Operations | Not Started | | |
| 388 | Environment Team | NEB | Construction activities (including equipment use and materials staging) should be located a minimum of 10 m away from wetland boundaries and banks of defined drainages, if practical. | EPP Section 3.3 | During Construction | In Progress | | |
| 389 | Environment Team | NEB | Salvaged topsoil will not be stored where it may interfere with surface drainage or enter a wetland or defined drainage. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 390 | Environment Team | NEB | Dewatering of the construction site will not discharge directly into wetlands or natural, defined drainages. | EPP Section 3.3 | During Construction | Commitment Complete | | surface water discharge from the ditch within the wetland in the N1/2 11-62-25 W3M was discharged within the wetland because the wetland area is dry and heavily vegetated. |
| 391 | Environment Team | NEB | Use of vehicles and equipment within wetlands and/or drainages intersected by the workspace (Figure 1-1) will be avoided, if practical. If this area is required during construction, provincial permit conditions will be followed. If standing water or saturated soils are present in a wetland or drainage, or if construction equipment causes excessive rutting, use low-ground-weight construction equipment or operate equipment within the wetland/drainage on prefabricated mats. | EPP Section 3.3 | During Construction | Commitment Complete | | |

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| 392 | Environment Team | NEB | If extra workspace is acquired (such as staging areas and additional spoil storage), it will avoid wetlands and defined drainages. Any additional working area, if required, will be located a minimum of 10 m away from the wetland or drainage boundaries when feasible. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 393 | Environment Team | NEB | The original contours and drainage patterns will be re-established to all disturbed wetland areas, and/or drainage areas. | EPP Section 3.3 | During Construction | In Progress | | |
| 394 | Environment Team | NEB | Seed, fertilizers, or mulch will not be applied in wetlands. Restrict the use of fertilizer within 10 m of wetlands. The construction site in wetland areas or natural drainages will not be seeded unless specified by the appropriate government agency (i.e., promote natural regeneration of the plant community). | EPP Section 3.3 | During Construction | Not Started | | |
| 395 | Environment Team | NEB | The company will notify the appropriate agencies prior to the commencement of work in a wetland in accordance with regulatory permit conditions. | EPP Section 3.3 | During Construction | Commitment Complete | | Saskatchewan Ministry of Environment was notified prior to working within the wetland and approval was granted to discharge water from the ditch within the wetland. |
| 396 | Environment Team | NEB | Equipment and machinery will not be washed in water bodies, instead will be cleaned before entering water bodies. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 397 | Environment Team | NEB | Minimize construction traffic in or near wetlands and drainages to only that required for construction activity. Use upland access roads around wetlands where available to minimize vehicle traffic. | EPP Section 3.3 | During Construction | In Progress | | |
| 398 | Environment Team | NEB | During open water season, trench spoil stored in wetlands or drainages will be avoided or minimized. If it is required, spoil will be stockpiled on the edge of the wetland or drainage in designated areas behind silt fencing to mitigate sediment dispersal. Additional ROW will be acquired adjacent to the wetland or drainage to accommodate spoil requirements if required. | EPP Section 3.3 | During Construction | Commitment Complete | | Construction trenching activities will take place under frozen conditions. |
| 399 | Environment Team | NEB | Use of snow ramps, corduroy, or brush mats may be used to cross small drainages if approved by the Environmental Inspector and Environment and Sustainability lead. If used, snow ramps will be 'V' notched and the corduroy or brush mats removed during clean up to allow unimpeded flow in the spring. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 400 | Environment Team | NEB | Assign a tow dozer or tractor to assist the hydrovac through localized wet areas to minimize the risk of rutting. | EPP Section 3.3 | During Construction | Not Started | | |
| 401 | Environment Team | NEB | Develop a plan for disposal of hydrovac materials on to approved locations (e.g., at road crossings where topsoil has been stripped) in consultation with landowner or Chief Inspector. Ensure hydrovac material is contained (i.e., will not migrate to topsoil/upper surface material, canals, ditches or waterways). | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 402 | Environment Team | NEB | Trench spoil will be stored adjacent to the trench and efforts employed to maintain a clean separation (e.g.. 1 m) from previously stripped and salvaged topsoil windrows or piles. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 403 | Environment Team | NEB | Where point excavations are required (e.g., bellholes), topsoil will be stripped and stockpiled separately from any spoil. Topsoil will not be mixed with spoil. After the pipe is installed, the pit, splice pit, or crossing will be filled with spoil and compacted. After all spoil is replaced and compacted, the topsoil will be placed over the pit. Topsoil will also be used to create a crown over the area. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 404 | Environment Team | NEB | Monitor storage piles for weeds during the course of construction, Control weeds by spraying, mowing, hand pulling, among others to avoid infestation, when warranted and otherwise approved by the Chief Inspector and Environment and Sustainability Lead | EPP Section 3.3 | During Construction | In Progress | | |
| 405 | Environment Team | NEB | A gap at least 3m wide will be left between pipe joints at regular intervals or designated points to allow vehicle access or livestock/wildlife to cross the ROW. These gaps should coincide with trench plugs and gaps left in topsoil and spoil piles. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 406 | Environment Team | NEB | Weld up pipe prior to trenching at locations with soils prone to sloughing in order to minimize the time the trench is left open. Equip trenching wheel with slope cutters or track hoes with V-buckets, if warranted, to minimize the risk of trench sloughing. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 407 | Environment Team | NEB | Trenching will be suspended at the discretion of the Chief Inspector and Environmental Inspector if the soil and ROW are excessively wet. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 408 | Environment Team | NEB | Keep trench spoil pile/windrows separate from salvaged topsoil/upper surface material piles and windrows. Efforts should be employed to maintain a minimum separation distance of 1 m between topsoil and spoil piles when stored on the same side of the trench. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 409 | Environment Team | NEB | Suspend trenching and strip a wider area of topsoil/upper surface material if the trench walls slough into the ditch and the potential for topsoil/subsoil mixing exists. | EPP Section 3.3 | During Construction | Commitment Complete | | |

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| 410 | Environment Team | NEB | Dewater the trench, if warranted, when laying pipe in areas with high water tables. Use filter socks or pump water onto stable and well vegetated areas, tarpaulins or sheeting in a manner that does not cause erosion or any unfiltered or silted water to directly re-enter a watercourse. Place pumps on polyethylene sheeting or in catch tray above the high water mark of the watercourse/wetland. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 411 | Environment Team | NEB | Trenching in areas with a high water table will be deferred until just prior to lowering-in to prevent the trench from sloughing. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 412 | Environment Team | NEB | Trenching operations will not be allowed to drain sloughs and other bodies of standing water unless permission has been granted by applicable regulatory agencies and the landowner/occupant. Pumping water off ROW requires approval from the Saskatchewan Water Security Agency or Alberta Environment and Parks. | EPP Section 3.3 | During Construction | Commitment Complete | | wetlands with open standing water/ice will be HDD bored |
| 413 | Environment Team | NEB | When severe erodible areas are encountered, grading requirements will be minimized or eliminated by allowing for the bending of pipe to maximum permissible limits. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 414 | Environment Team | NEB | Lowering-in will occur as soon as possible to minimize the length and duration of open trench. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 415 | Environment Team | NEB | Backfilling will occur immediately after lowering-in to minimize the length of open trench. Backfilling will be completed to within 1.5km of the lowering-in operation; rough backfilling will be within 100m of lowering-in at the end of each day unless otherwise approved by the Chief Inspector.. Generally, this interval should not exceed three days during spring, summer, and autumn construction periods. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 416 | Environment Team | NEB | Subsoil or parent material (collectively referred to as spoil) will be backfilled prior to replacing topsoil. If rocky subsoils are encountered, sand or foam may be used for pipe padding prior to spoil backfilling. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 417 | Environment Team | NEB | When completing backfill operations, the trench will be filled with spoil and compacted by passing tracked equipment three times over the trench line. Depending on soil conditions and land use, remaining subsoil will be used to create a low profile crown over the trench before topsoil replacement (Drawing No. 17 of SaskEnergy's EPS). Backfill the trench without mixing subsoil with topsoil/upper surface material pile. Do not walk machinery on the topsoil pile while backfilling subsoil. Use equipment (e.g., clean-up bucket) for final pass of backfilling which will minimize scalping and is approved by the Chief Inspector or designate. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 418 | Environment Team | NEB | In wetland areas where the spoil is situated adjacent to the trench, backfill will be replaced either by a backhoe or a dragline. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 419 | Environment Team | NEB | Install trench plugs and/or seal the trench bottom as necessary to maintain the original wetland hydrology at locations where the pipeline trench may act as a drain. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 420 | Environment Team | NEB | Avoid scalping or gouging of the sod layer on native upland, pasture and hay lands when moving the spoil pile during backfill. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 421 | Construction Team | NEB | On cultivated lands, the top 0.3m of trench will be left free of rocks to prevent interference with farm implements. | EPP Section 3.3 | During Construction | In Progress | | construction will be responsible for this. |
| 422 | Construction Team | NEB | A chisel plow will be used in areas where stone is present in the trench and rocks will be picked from the plow layer. | EPP Section 3.3 | During Construction | Not Started | | construction will be responsible for this. |
| 423 | Environment Team | NEB | Topsoil and/or subsoil compaction will be reduced, as appropriate, using a scarifier, deep tillage, or breaking discs on areas that will be returned to cultivated land use. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 424 | Construction Team | NEB | Material excavated from the trench that is not suitable as backfill, such as large rocks, will be temporarily stored along the edge of the construction site and then hauled off the construction site and disposed of in an approved location. | EPP Section 3.3 | During Construction | Commitment Complete | | construction will be responsible for this. |
| 425 | Construction Team | NEB | Rock excavated from the trench may be placed back in the trench as long as the rock is deep enough (30cm) not to affect cultivation. | EPP Section 3.3 | During Construction | Commitment Complete | | construction will be responsible for this. |
| 426 | Environment Team | NEB | Large rocks will be removed from the construction site during site development and again during cleanup; rock picking and removal will occur before and after topsoil replacement on non-operations areas to ensure that the stoniness on the construction site is comparable to conditions adjacent to the construction site. | EPP Section 3.3 | During Construction | In Progress | | |
| 427 | Environment Team | NEB | Recontour the ROW and restore the preconstruction grades and drainage channels unless otherwise directed by the Chief Inspector or designate and approved by appropriate regulatory agencies. | EPP Section 3.3 | During Construction | In Progress | | |
| 428 | Environment Team | NEB | Ensure that wetlands and drainages are recontoured to their preconstruction or a compatible stable profile. If ramps are installed through wetlands or across drainages, in all circumstances, they will be removed. | EPP Section 3.3 | During Construction | Commitment Complete | | |

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| 429 | Environment Team | NEB | Material excavated from the ROW that is not suitable as backfill (large rocks, woody debris) will be windrowed along the edge of the ROW and hauled off the ROW and disposed of in an approved location Burying of residual woody material is not allowed. | EPP Section 3.3 | During Construction | In Progress | | |
| 430 | Environment Team | NEB | If clean gravel, cobble, and riprap is required for stabilization and reclamation (e.g., drainages), locate sources prior to construction and store onsite. of watercourses. Where possible, natural drainage patterns and features should be maintained. | EPP Section 3.3 | During Construction | Not Started | | |
| 431 | Environment Team | NEB | The density and size of surface rocks remaining will be similar to, or less than, those of adjacent areas. | EPP Section 3.3 | During Construction | Not Started | | |
| 432 | Environment Team | NEB | Recontouring work will be limited to the ROW or other areas disturbed by construction. Appropriate equipment (e.g., Mormon board, tire backhoe, skid steer) will be used where bulldozers do not have enough working room to limit off ROW damage. | EPP Section 3.3 | During Construction | Not Started | | |
| 433 | Environment Team | NEB | Crown the trench and excavated bellholes with remaining spoil to allow for settlement. Crowns should be low profile with broad tapered edges to avoid disruptions or inconveniences to post construction land use. Gaps in the crown will be located at obvious drainage channels to avoid altering the natural drainage patterns. Do not over-roach (Drawing No. 18 of SaskEnergy's EPS). | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 434 | Environment Team | NEB | Salvaged topsoil will be evenly spread over the previously stripped portions of the ROW. Topsoil will be spread after the crown has been constructed, and during dry and low wind weather conditions. The ROW will not be graded to obtain replacement topsoil. Frozen topsoil will not be replaced until thawed, if necessary, by replacing the topsoil the following spring. | EPP Section 3.3 | During Construction | Not Started | | |
| 435 | Environment Team | NEB | Prior to topsoil replacement, leave breaks in the crown at frequent intervals where side hills are encountered. | EPP Section 3.3 | During Construction | Commitment Complete | | |
| 436 | Environment Team | NEB | Reclaimed areas on non-cultivated land will be seeded as required. | EPP Section 3.3 | During Construction | Not Started | | |
| 437 | Environment Team | NEB | On forested areas, if erosion is not a concern, natural regeneration from the seedbank and colonization from undisturbed adjacent areas will be promoted to enhance ecological integrity and function. However, if erosion is a concern or if requested by regulatory agencies with jurisdiction or the landowner, these areas will be seeded with an approved native seed mixture. | EPP Section 3.3 | During Construction | Not Started | | |
| 438 | Environment Team | NEB | On modified grasslands and hayland, seed mixtures will be determined in consultation with the landowner. | EPP Section 3.3 | During Construction | Not Started | | |
| 439 | Environment Team | NEB | Replaced topsoil in the access road bar ditches leading to the compressor site will be seeded using an approved weed-free reclamation mix comprised of native species as soon as practical. | EPP Section 3.3 | During Construction | Not Started | | |
| 440 | Environment Team | NEB | Approved seed mixes will be certified and analyzed for prohibited and noxious weeds. Seed certificates of analysis will be provided to the Environment and Sustainability Lead for approval prior to use. Copies of the seed certificates will be retained on file. Appropriate seed mixes will be applied as needed to re-establish pre-disturbance construction conditions, applicable government agency requirements, or project-specific environmental instructions. | EPP Section 3.3 | During Construction | Not Started | | |
| 441 | Environment Team | NEB | Seeding of cover crops, comprised of quick germinating and low maintenance grass species may serve as effective wind and water erosion barriers. For rapid and short term erosion protection or to create safe site for desired species, a nurse/cover crop of non-aggressive annual cereal (e.g., oats, barley) or forage (e.g., fall or annual rye) can be included in the seed mix or seeded on their own. | EPP Section 3.3 | During Construction | Not Started | | |
| 442 | Environment Team | NEB | Seed disturbed areas in accordance with the recommended seed mixes, rates, and dates. Seeding is not required in actively cultivated croplands unless requested by the landowner. | EPP Section 3.3 | During Construction | Not Started | | |
| 443 | Environment Team | NEB | The requirement for tree/shrub planting (e.g., shelterbelts disturbed during construction) will be based on landowner requests. | EPP Section 3.3 | During Construction | In Progress | | |
| 444 | Environment Team | NEB | Application of fertilizers and other soil amendments will be determined in consultation with individual landowners/occupants or regulatory agency with jurisdiction. | EPP Section 3.3 | During Construction | Not Started | | |
| 445 | Environment Team | NEB | As required and dictated by site-specific conditions, additional inputs (e.g., hydromulching, tackifier, erosion control blankets) will be applied to enhance secondary plant establishment. | EPP Section 3.3 | During Construction | Not Started | | |
| 446 | Environment Team | NEB | Fencing of reclaimed areas to exclude livestock until a stable vegetation cover is established will be determined in consultation with landowners and/or applicable regulatory agencies. | EPP Section 3.3 | During Construction | Not Started | | |
| 447 | Environment Team | NEB | Vegetation growth will be inspected regularly post-construction to confirm a self-sustaining vegetation cover is established and maintained. Any sites with sparse growth will be re-seed, including implementation of any other remedial measures to enhance plant establishment | EPP Section 3.3 | During Construction | Not Started | | |

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| 448 | Environment Team | NEB | Weather and soil conditions permitting, clean-up and reclamation of the construction site and access corridor will take place as soon as possible following completion of construction. For fall or winter construction programs, final clean-up and reclamation may be deferred until the following spring. | EPP Section 3.3 | During Construction | in Progress | | |
| 449 | Environment Team | NEB | Riparian zones or stream banks will not be cleared, graded, or grubbed when boring or directionally drilled crossing techniques are to be employed. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 450 | Environment Team | NEB | Prior to initiating the crossing, refer to the applicable geotechnical data. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 451 | Environment Team | NEB | Adhere to Measures to Avoid Causing Harm to Fish and Fish Habitat (Appendix C). | EPP Section 3.4 | During Construction | In Progress | | |
| 452 | Environment Team | NEB | Department of Fisheries and Oceans (DFO) best practices for directional drilling will be followed (Appendix A, Drawings No. 37 and No. 38). | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 453 | Environment Team | NEB | Locate drilling equipment and staging areas outside a minimum distance of 10m from the ordinary high water mark or edge of riparian vegetation. Grade or build up (e.g., using matting) HDD drill entry and exit pads as appropriate to create a safe and level workspace. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 454 | Environment Team | NEB | Clearly flag the expected drill path on both sides of the watercourse. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 455 | Environment Team | NEB | Where tracking sensors are used along the drill path, minimize vegetation clearing through riparian buffer zones to narrow hand cut slash lines; do not fall, push or place any slash or other deleterious material into the water crossing. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 456 | Environment Team | NEB | Erect fencing around open bellhole or point excavations to exclude wildlife. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 457 | Environment Team | NEB | Bellholes left unoccupied overnight will have keyed stairs and trench ends will be sloped to provide escape routes for mobile terrestrial species. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 458 | Environment Team | NEB | Pre-determine the composition of drilling fluid to be used and ensure that it is non-toxic. The standard composition of drilling fluid is bentonite and water. The use of any drilling mud additives is not allowed without the approval of the Environment and Sustainability Department. | EPP Section 3.4 | During Construction | Commitment Complete | | CCI is contracted for field testing and obtaining laboratory analysis of the drilling fluid prior to disposal on to land. Contracted to CCI, Environment lead oversight. |
| 459 | Environment Team | NEB | Ensure on-site personnel are familiar with the drilling mud release contingency plan (2.11.3) and prepared for an inadvertent release. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 460 | Environment Team | NEB | Ensure drilling fluids are not deposited in an area where they could enter a watercourse or wetland. | EPP Section 3.4 | During Construction | Commitment Complete | | CCI is contracted for ensuring proper land spray while drilling practices are followed. Contracted to CCI, Environment lead oversight. |
| 461 | Environment Team | NEB | Identify drilling mud containment and disposal methods. Install suitable drilling mud tanks, sumps, or containment berms as necessary. | EPP Section 3.4 | During Construction | Commitment Complete | | CCI is contracted for identifying drilling mud containment and disposal methods. Contracted to CCI, Environment lead oversight. |
| 462 | Environment Team | NEB | Notify the appropriate agencies prior to commencement of a drill in accordance with regulatory permit conditions | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 463 | Environment Team | NEB | Maintain water quality sampling equipment (e.g. 1 litre plastic sample bottles complete with labels and large cooler(s)) on-site during drilling operation. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 464 | Environment Team | NEB | Monitor the quantity of fluid return to the mud tank/pit and the quantity of make-up drilling fluid required in the mixing tanks during drilling of the pilot hole and hole opening (reaming). | EPP Section 3.4 | During Construction | Commitment Complete | | CCI is contracted for monitoring the quantity of fluid return to the mud tank/pit. Contracted to CCI, Environment lead oversight. |
| 465 | Environment Team | NEB | Monitor both onshore and in-stream portions of the drill path on a regular basis for signs of drilling mud release (e.g., in-stream turbidity monitors). | EPP Section 3.4 | During Construction | Commitment Complete | | Ongoing turbidity monitoring at the canal crossing at KP6+500 |
| 466 | Environment Team | NEB | Terrestrial "frac walks" shall be initiated every 2 hours (at a minimum) and immediately following a suspected or known loss of fluid event (e.g., reduction in expected returns, significant pressure change). | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 467 | Environment Team | NEB | Ensure proper and working communications equipment is on-site and available for use in monitoring operations. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 468 | Environment Team | NEB | The contractor shall ensure that the following documentation is on site and readily available at all times (at a minimum):<br>•SK MOE clearance or notification including Aquatic Habitat Protection Permit (AHPP);<br>•Temporary Water Rights License (if applicable);<br>•ERP;<br>•EPP;<br>•MSDS for all on site material | EPP Section 3.4 | During Construction | In Progress | | |
| 469 | Environment Team | NEB | Refer to the Drilling Mud Release Contingency Plan in Section 4.0 in the event of a release. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 470 | Environment Team | NEB | Drilling muds may be land sprayed or spread if compliant with respective provincial regulations and guidelines (GL99-01 Drilling Waste Management Guidelines, Saskatchewan Ministry of Energy and Resources and Directive 050; Drilling Waste Management, Alberta Energy Regulator). Alternatively, drilling muds/fluids can be hauled off-site to a regulated disposal facility. | EPP Section 3.4 | During Construction | Commitment Complete | | CCI is contracted for the disposal of all drilling fluid. Contracted to CCI, Environment lead oversight. |
| 471 | Environment Team | NEB | Prior to completing an isolated crossing of defined watercourses, appropriate regulatory approval will be obtained, including DFO authorization if fish bearing. | EPP Section 3.4 | During Construction | Commitment Complete | | |

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| 472 | Environment Team | NEB | Isolated crossings are carried out in a manner that effectively isolates the instream construction site from the natural stream flow. Isolated crossing techniques include the dam, pump (Drawing No. 42-1 and No.42-2 of SaskEnergy's EPS), and flume (Appendix A, Drawing No. 43-1 and No. 43-2 of SaskEnergy's EPS) methods. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 473 | Environment Team | NEB | Water from flumes, pump-around, diversions, or other methods used to maintain downstream flow must not cause erosion or introduce sediment into the channel. | EPP Section 3.4 | During Construction | Not Started | | |
| 474 | Environment Team | NEB | Earthen berms should not be used for isolation. All berms or dams (e.g., water-filled barriers/bladders) and materials must be completely removed from the channel and streambed, and bank profiles must be returned to preconstruction conditions at the end of the project. | EPP Section 3.4 | During Construction | Not Started | | |
| 475 | Environment Team | NEB | Sediment laden water in the work area must be discharged to an upland vegetated area prior to removal of the isolation berms or dams. | EPP Section 3.4 | During Construction | Not Started | | |
| 476 | Environment Team | NEB | Open cut crossings are carried out on small watercourses with limited to no water flow. The length of the isolated area will be sized to ensure that trench sloughing will not threaten the integrity of the dam. (Drawing No. 40 of SaskEnergy's EPP). | EPP Section 3.4 | During Construction | Commitment Complete | | The wetland between KP3+400 and KP3+500 will be open cut. |
| 477 | Environment Team | NEB | For narrow crossings, efforts should be employed to excavate the trench from each side and above the banks (i.e., using long reach track hoes), as well as storing the spoil outside of the channel for easier recovery and replacement. | EPP Section 3.4 | During Construction | Not Started | | |
| 478 | Environment Team | NEB | After backfilling, confirm channel profile is re-established and there are no barriers to flow. Install appropriate site stabilization or erosion control as required. | EPP Section 3.4 | During Construction | Not Started | | |
| 479 | Environment Team | NEB | Use existing vehicle access across watercourses when possible. | EPP Section 3.4 | During Construction | Not Started | | |
| 480 | Environment Team | NEB | If a crossing is required, all necessary approvals will be obtained prior to the construction of vehicle access across a watercourse. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 481 | Environment Team | NEB | Though not expected to be required, but if needed, vehicle crossings of fish-bearing waters will be designed to comply with the requirements of DFO and relevant provincial standards for protection of fish and fish habitat. | EPP Section 3.4 | During Construction | Commitment Complete | | A temporary bridge was constructed across the canal at KP6+500 that is classified as a tributary to the Beaver River |
| 482 | Environment Team | NEB | If permit conditions allow, temporary portable bridges over, or culverts in, watercourses will be installed to facilitate traverse of the watercourse (Appendix A, Drawings No. 45 - 47). On small crossings, snow/ice bridges or ramps and corduroy may be used. Appropriately sized culverts will be installed wherever an access trail or shoo-fly traverses a flowing natural watercourse (Appendix A, Drawing No. 45). Where culverts are not feasible, temporary bridges will be installed (Appendix A, Drawing No. 47). Culverts and temporary bridges will not interfere with natural drainage or impede fish passage. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 483 | Environment Team | NEB | If portable bridges are used for temporary crossings, they will be designed for a 1:25 year flood level, and will have clearance for floating debris. Berms used to develop bridge approaches will be built entirely of clean gravel material or snow/ice in the winter. Approaches will not constrict the watercourse. Bridge piers or footings will not, unless necessary, be constructed within the main channel of the stream (Appendix A, Drawing No. 47). | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 484 | Environment Team | NEB | Vehicle crossing structures capable of handling anticipated high water flows during the construction period, as well as vehicle weights, will be used. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 485 | Environment Team | NEB | Use coarse cobbles, sandbags and / or geotextile liners to protect culvert and ramp approach fills from erosion and to prevent sedimentation of a watercourse. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 486 | Environment Team | NEB | On approaches to vehicle crossing structures, any shallow ditches constructed for drainage control will incorporate the necessary sedimentation control measures (e.g. silt fence, check dams) to prevent sediment from entering the watercourse. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 487 | Environment Team | NEB | All temporary vehicle crossing structures and approaches will be removed upon completion of construction in a manner that minimizes disturbances to the watercourse. Banks and approaches will be restored and stabilized immediately upon removal of a vehicle crossing structure. Avoid in-channel activities if possible or minimize. | EPP Section 3.4 | During Construction | Commitment Complete | | |
| 488 | Environment Team | NEB | The number of crossings of the fording site will be minimized. | EPP Section 3.4 | During Construction | Not Started | | |

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| 489 | Environment Team | NEB | Equipment fording will only be allowed with approval from the applicable government agencies. Fording will only be considered if:<br>a. The fording site does not support known critical aquatic habitat, such as spawning gravels;<br>b. The fording does not take place during fish spawning, incubation or migration periods;<br>c. The worksite cannot be accessed from the opposite side of the watercourse to avoid fording activities;<br>d. The fording site has a low profile and gradual banks which will not require grading to support vehicle traffic;<br>e. The fording site has relatively shallow water depths (less than 1m) at time of use;<br>f. The fording site has coarse substrate which will support vehicle travel without creating erosion and sedimentation; and,<br>g. Run-off from the approach slopes to the ford can be effectively controlled to prevent sediment introductions to the stream. | EPP Section 3.4 | During Construction | Not Started | | |
| 490 | Environment Team | NEB | Boundaries of the fording site will be marked on both sides of the crossing to confine all vehicle traffic to the ford. | EPP Section 3.4 | During Construction | Not Started | | |
| 491 | Environment Team | NEB | Fords will be aligned at right angles to the channel flow wherever possible to minimize in-stream travel. | EPP Section 3.4 | During Construction | Not Started | | |
| 492 | Environment Team | NEB | Excess soil will be removed from vehicles before fording. In addition, all vehicles using the ford will be in good working order and checked to ensure no fuel, hydraulic fluid or lubricating fluid leaks are present. | EPP Section 3.4 | During Construction | Not Started | | |
| 493 | Environment Team | NEB | Bed and banks of ford sites will be restored when the ford is no longer needed. | EPP Section 3.4 | During Construction | Not Started | | |
| 494 | Environment Team | NEB | Warning signs will be placed at strategic locations (e.g., road crossings) to notify the public that the line is under test. | EPP Section 3.5 | During Construction | Not Started | | |
| 495 | Environment Team | NEB | If water from a natural stream or groundwater source is to be temporarily used for hydrostatic testing or other industrial activity, it is anticipated to will be obtained from Saskatchewan side of the project area and application to the Water Security Agency will be required. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 496 | Environment Team | NEB | Environment and Sustainability is responsible for managing regulatory notification/reporting under hydrostatic testing requirements. A detailed discharge plan is required from Engineering and Construction for Environment and Sustainability. Please ensure that this plan is provided to Environment and Sustainability at least 15 days in advance of the proposed testing date. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 497 | Environment Team | NEB | If hydrostatic test water contains additives (e.g., methanol), the water will be captured in tanks for disposal at a regulated receiving facility or recycled for use at other test sites. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 498 | Environment Team | NEB | Hydrostatic test water may be obtained from nearby lakes, watercourses, municipal sources, or surface water features, including dugouts, in accordance with applicable permits for the withdrawal of water. Water withdrawal from natural waterbodies will not exceed maximum withdrawal rates specified by the Water Security Agency permits or authorization letters. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 499 | Environment Team | NEB | All water withdrawal from surface water features will adhere to the following requirements:<br>a.If the source water is fish-bearing, screen the source water intake in a manner that prevents fish passage or impingement at the intake<br>b.Ensure that when removing source water:<br>i.biota that does not naturally occur in the source water is not transferred to the source water<br>ii.any substance that may cause an adverse effect to the aquatic or terrestrial environment is not transferred to the source water<br>iii.the bed, bank or boundary of any watercourse or water body is not altered<br>iv.any sand, gravel or other material is not removed, displaced or added to the bed, bank or boundary of the watercourse/waterbody<br>v.vegetation is not removed from the bed, bank or boundary of the watercourse/waterbody | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 500 | Environment Team | NEB | Photographs will be taken of the surface sources prior to, during and following water extraction. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 501 | Environment Team | NEB | Hydrostatic test waters will be sampled and analyzed for inorganic, metal and physical water quality parameters specified in the Project-specific construction plans. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 502 | Environment Team | NEB | Chemical additives will not be used in hydrostatic test water. All waters in which methanol has been added will be disposed of at an appropriate waste disposal facility or recycled. | EPP Section 3.5 | During Construction | Commitment Complete | | |

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| 503 | Environment Team | NEB | Discharge will be to land only – discharge direct to waterbodies is not generally permitted unless authorized. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 504 | Environment Team | NEB | All discharge of hydrostatic test water to land will meet the following requirements:<br>a.Prior written consent will be obtained from the landowner where the discharge is to occur, as will the consent of landowners whose lands may be affected by the discharge<br>b.Discharge sites will be determined early in the project to allow for proper planning<br>i.The same discharge location will not be used more than once in any 12- month period<br>ii.Discharge sites should be well-vegetated to limit likelihood of erosion, and away from wetlands/waterbodies where possible – water will not be discharged directly to waterbodies/watercourses. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 505 | Environment Team | NEB | Test waters will be routinely tested and verified for compliance with water quality limits set out in the Project-specific construction plans that will be based on industry best practices and established provincial guidelines (e.g., Chapter C.3.1. Hydrostatic Testing, SK MOE). Only waters within the identified quality limits for discharge to land may be released to land. Water not within quality limits will be disposed of into a licensed treatment facility or, if quality is compatible with existing environmental conditions, to land following consent from SK MOE and relevant landowners. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 506 | Environment Team | NEB | All reasonable measures must be taken to avoid erosion at the dewatering site and adjacent area (i.e., use of energy dissipaters at the outlet, control release rate during dewatering). | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 507 | Environment Team | NEB | At dewatering points, piping will be free of leaks and properly anchored to prevent bouncing or snaking during surging. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 508 | Environment Team | NEB | Hydrostatic test water will be discharged through filter pots and/or a suitable filter cloth to catch pipe scale, rust or other foreign material. The filters and/or filter cloth is to be disposed of at a licensed disposal facility. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 509 | Environment Team | NEB | Photographs of all discharge sites to be taken before, during and after discharge. The result of the water analysis during the discharge will be retained on file. | EPP Section 3.5 | During Construction | Commitment Complete | | |
| 510 | Environment Team | NEB | Postpone construction, suspend equipment travel or utilize construction alternatives in the event of wet or thawing soils in order to minimize terrain disturbance and soil structure damage. | EPP Section 4.0 | During Construction | In Progress | | |
| 511 | Environment Team | NEB | Initiate contingency measures once one of the following indicators occurs:<br>•Rutting occurs when topsoil is mixed with subsoil for a length of 5 m or greater or otherwise defined by permit;<br>•Excessive wheel slip that creates a rut 30 cm in depth and greater than 5 m in length. Environmental Inspector and/or Environment and Sustainability lead may reduce acceptable rutting depth on sensitive soils or soils with a shallow topsoil horizon;<br>•Formation of water saturated soil with standing visible water (puddles); or<br>•Tracking of mud greater than 0.5 cm thick on to primary and secondary highway roads when vehicles exit the ROW (MIPL 2017, Section 2.2.1). | EPP Section 4.0 | During Construction | In Progress | | |
| 512 | Environment Team | NEB | Employ the following contingency measures progressively or individually as warranted if the above indicators occur:<br>•prevent rubber-tired traffic from driving on the ROW or work site;<br>•install geotextiles, matting or corduroy constructed from nonmerchantable timber to increase the load bearing capacity of wet ground;<br>•restrict construction vehicle traffic to subsoil or to equipment with low ground pressure tires or wide pad tracks;<br>•salvage topsoil or upper surface material from full ROW to prevent mixing and rutting (note that full ROW stripping cannot be conducted when soils are excessively wet); and<br>•shut down construction until conditions improve. | EPP Section 4.0 | During Construction | In Progress | | ROW traffic was restricted to tracked equipment only when soils became soft from warm weather and melting snow. |
| 513 | Environment Team | NEB | The wet conditions shut-down decision will be made by the Chief Inspector or qualified designate in consultation with the Environmental Inspector. | EPP Section 4.0 | During Construction | In Progress | | |
| 514 | Environment Team | NEB | Do not allow access off ROW to avoid wet areas. Do not allow braiding of access roads/trails on the travel side of the ROW. | EPP Section 4.0 | During Construction | In Progress | | |
| 515 | Environment Team | NEB | Copy of the company's Construction Wildfire Prevention and Preparedness Plan (2019), prepared annually for SK MOE will be on-site and followed. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 516 | Environment Team | NEB | Contractors shall ensure that all necessary fire-fighting equipment is available at the job-site and shall appoint a fire boss (e.g. on-site foreman). | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 517 | Environment Team | NEB | All mobile equipment will be outfitted with fire extinguishers. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 518 | Environment Team | NEB | A list of 24-hour fire dispatch coordinators and telephone numbers shall be developed and posted at the job sites. | EPP Section 4.0 | During Construction and Operations | in Progress | | |

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| 519 | Environment Team | NEB | In the event of a fire, the on-site foreman will inspect the fire site immediately and take charge of directing suppression measures. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 520 | Environment Team | NEB | The on-site foreman shall report any fires and relevant information to the Chief Inspector, local fire department, landowner/occupant, and any on-site occupants as well as the appropriate government agencies and request assistance as needed. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 521 | Environment Team | NEB | The on-site fire foreman will deploy fire-fighting equipment and/or extinguish the fire directly if possible. Necessary equipment and personnel will be made available to control the fire. NOTE: Locates of all underground facilities shall be completed prior to any ground disturbance greater than 300mm (12”). | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 522 | Environment Team | NEB | Movable equipment and materials, including explosives or flammable materials and vehicles, will be promptly moved to a safe location. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 523 | Environment Team | NEB | Fire suppression measures will continue until the fire is extinguished or until otherwise notified by the local fire department. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 524 | Environment Team | NEB | The on-site fire foreman will ensure that the burn area is monitored and that the fire has been completely extinguished. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 525 | Environment Team | NEB | This procedure applies to construction. A separate Construction, Operation, and Maintenance Practices (COMPs) exist for Operational Spills located in the SaskEnergy COMP library (Incident Response – Spill Response). | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 526 | Environment Team | NEB | The Chief Inspector and Project Manager/Leader shall have a copy of MIPL 's Spill Response Procedures (Incident Response – Spill Response). Lead contractors (e.g., mainline pipeline construction contractor) will also provide Emergency and Spill response plans to MIPL prior to beginning work. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 527 | Environment Team | NEB | Inspectors, MIPL field staff and contractors shall have knowledge of all Spill Response Procedures and where they are located. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 528 | Environment Team | NEB | On-site storage vessels will be within appropriate secondary containment and all motorized parked or stationary equipment will have catch trays. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 529 | Environment Team | NEB | Equipment will be inspected regularly through the day and any leaks will be repaired before being put back into service. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 530 | Environment Team | NEB | Company employees, inspection staff and all contractors shall have available on all vehicles and equipment service trucks a spill response kit suitable for spills of hazardous products that may occur on the construction site. All personnel shall be knowledgeable on the use of the spill kit. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 531 | Environment Team | NEB | In any release or spill event, first priority shall be given to the safety of people, second priority shall be the protection of the environment, and third priority shall be the protection of equipment, material and structures. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 532 | Environment Team | NEB | Identify the spilled material using container labels, placards (symbols and UN numbers), drawings, experience, and knowledge to identify the spilled material. Consult the SDS for handling concerns, special PPE requirements, immediate actions, and clean up procedures. The SDS database will be available in on-site files or can be obtained from the corporate Innergy, by contacting the Chief Inspector or Environment and Sustainability. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 533 | Environment Team | NEB | If it is safe to proceed, stop the flow and contain the spilled material.<br>a.Immediately contain the spilled materials to limit the spread of the spill, to minimize impacts on waterbodies or other areas of environmental concern, and to prevent damage to property.<br>a.Spread sorbent material on the affected area or contain the spill. Create or use prefabricated dams to stop the spread of material.<br>b.Prevent the spill from entering any water sources including the nearby wetlands and water runs. This may include blocking nearby road culverts to intercept migrating spill fluids/material.<br>c.Recover spill material. Collect any free material that has not soaked into the ground or mixed with soil/water with a vacuum truck or sorbents and transport to an approved waste management facility. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 534 | Environment Team | NEB | If the spill source is from a leaking fuel truck, the tanker will be pumped dry and transferred into another tanker or other appropriate and secure container(s). | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 535 | Environment Team | NEB | Contaminated soil and vegetation, as well as sorbent material, will be collected and disposed of at an approved waste facility. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 536 | Environment Team | NEB | Traffic will be avoided on soils contaminated by a spill. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 537 | Environment Team | NEB | The general public, construction personnel, and/or wildlife will be restricted from entering the affected area, if necessary, by fencing. | EPP Section 4.0 | During Construction and Operations | In Progress | | |

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| 538 | Environment Team | NEB | Since impacts from small spot spills can generally be minimized if immediate action is taken, all small spot spills will be cleaned up immediately and then be reported to the Inspector, Environmental Inspector and Environment and Sustainability. Excluding routine or minor spills or leaks, the first person to identify or respond to the spill shall be designated as the 'Site Commander' Company Person until relieved. Secure the area from public access and establish a safe perimeter or exclusion/avoidance area if required. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 539 | Environment Team | NEB | For large spills or product spills of concern/hazardous, vacate the spill area and proceed to a safe location that is well ventilated and upwind of the spill. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 540 | Environment Team | NEB | Notify MIPL's inspector and provide all known details which may include:<br>a.Time of spill<br>b.Location of spill<br>c.Type and volume / quantity of materials spilled<br>d.Distance to nearest waterbody, well or dugout<br>e.Your name and phone number<br>f.Any other risks or issues posed by the spill/release | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 541 | Environment Team | NEB | Record details of the event as they are known and actions as they are implemented. Take photos to capture the onsite events. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 542 | Environment Team | NEB | The spill must be reported in SaskEnergy's Report Everything Online (REO) system, regardless of volume by a company employee | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 543 | Environment Team | NEB | If the spilled material is pipeline liquids at existing pipeline or valve tie-in's, handle the material in accordance with the COMP Pipeline Liquids – Handling of Pipeline Liquids. Collect a sample in accordance with the COMP Pipeline Liquids – Sampling of Pipeline Liquids. Consult Environment and Sustainability. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 544 | Environment Team | NEB | In the event of a natural gas release (e.g., at existing pipelines or tie-ins), all reporting requirements are applicable. Volumes may be estimated using pressure, temperature or pipeline size. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 545 | Environment Team | NEB | Notify the Environment and Sustainability by phone if the spill exceeds the reporting thresholds in the chemical table in Report Everything Online (REO) system (Table A – Chemical Table of Reportable Volumes) or if the spilled material impacts water. The Environment and Sustainability Department shall immediately notify all external agencies. The Environment and Sustainability shall direct the notification of landowner(s) and occupant(s). | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 546 | Environment Team | NEB | For reportable spills or leaks, the Environment and Sustainability shall work in collaboration with the Chief Inspector or designate and Environmental Inspector to determine the best method of containment, clean up and remediation (vacuum truck, commercial sorbent material, sawdust, straw, etc.) In addition, the Environment and Sustainability Department shall conduct regulatory reporting, provide technical advice, complete follow-up reports, and oversee remedial activities. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 547 | Environment Team | NEB | If a hazardous substance is spilled, the following safety precautions must be observed:<br>a.Refer to container labels and SDS's to identify any potential health or flammability hazards;<br>b.Wear appropriate Personal Protective Equipment (PPE) when handling or working near hazardous substances; and,<br>c.If the substance is flammable, eliminate ignition sources and secure the area. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 548 | Environment Team | NEB | Larger, reportable spill clean up to be completed under the direction of the Environment and Sustainability.<br>a.Prior to any required excavation, confirm underground facilities or utilities are located and marked by qualified personnel.<br>b.Remove contaminated soil to depth of saturation. If the spilled material is hydrocarbons, refer to Procedure – Working in a Hydrocarbon Contaminated Environment.<br>c.Store material in a secured manner until disposal arrangements can be made (covered, fenced compound etc.), consult the SDS sheets.<br>d.Ensure material cannot re-enter environment.<br>e.Clean any impacted equipment.<br>f.Dispose of contaminated supplies according to SDS sheets.<br>g.Use an approved waste contractor and disposal facility. | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 549 | Environment Team | NEB | All contaminated material (soil, sorbents, vegetation, etc.) shall be collected and disposed of in accordance with applicable legislation and company standards. | EPP Section 4.0 | During Construction and Operations | In Progress | | |

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| 550 | Environment Team | NEB | Remediate and reclaim the affected area (to be completed under the direction of Environment and Sustainability for reportable spills).<br>a.Return the site to pre-spill conditions.<br>b.The Environment and Sustainability shall file any closure reports with regulatory agencies or landowner(s). | EPP Section 4.0 | During Construction and Operations | In Progress | | |
| 551 | Environment Team | NEB | In the event that hydrostatic test fluid (with additives) is spilled, it will be contained. The Spill Control Centre, SK MOE, and Director of Environment and Sustainability, will be notified immediately. Remedial measures specified by the Director and the Spill Control Centre will be immediately undertaken to minimize the effects of the spill. | EPP Section 4.0 | During Construction | Commitment Complete | | During test of an above-ground HDD drag section a small (100L) hydrostatic test water (30% methanol mix) spill occurred on stripped ROW during test water transfer between tanker trucks. The spilled water was contained on ROW and all contaminated soil was removed and disposed of at a licensed facility. Spill Centre notified; no additional reporting required. |
| 552 | Environment Team | NEB | The drilling contractor will prepare and submit a drilling mud release response plan to MIPL(C)L for review and approval prior to the start of work. It will clearly identify a communication plan, actions that will be implemented, and contain and recovery material and equipment that will be on-site. | EPP Section 4.0 | During Construction | Commitment Complete | | Canadian Plains has provided a spill response plan to MIP(C)L and has been approved |
| 553 | Environment Team | NEB | In the event of a drilling mud release, drilling contractor supervising personnel will immediately notify the designated on-site company representative (e.g., Chief Inspector), Environmental Monitor and Environment & Sustainability who will then notify the appropriate provincial/federal agencies. Remedial action will be initiated to re-establish containment and circulation to the drilling mud. Remedial action will include, but not be limited to, swabbing the hole to remove annular obstructions, reducing pumping rates, or modifying drilling mud properties. Best efforts to maintain full annular circulation of drilling fluids will be employed. | EPP Section 4.0 | During Construction | Commitment Complete | | |
| 554 | Environment Team | NEB | Inadvertent surface returns on or adjacent to watercourse or defined wetlands will be contained with hand-place barriers (e.g. straw bales, sandbags, sediment fences.) and collected using pumps (e.g., vacuum trucks) as practical. If the amount of the surface return exceeds that which can be contained with hand-placed barriers, small collection sumps may be used. If the amount of the surface return exceeds that which can be contained and collected using small sumps, drilling operations will be suspended until surface return volumes can be brought under control. | EPP Section 4.0 | During Construction | Commitment Complete | | |
| 555 | Environment Team | NEB | If inadvertent surface returns occur within the watercourse, water quality sampling at downstream locations from the point of entry into the watercourse will be conducted. | EPP Section 4.0 | During Construction | Commitment Complete | | |
| 556 | Environment Team | NEB | If practical, in channel containment (sediment fences, water dam bladders, etc.) will be employed. | EPP Section 4.0 | During Construction | Not Started | | |
| 557 | Environment Team | NEB | Prior to implementing secondary response, the contractor will consult with the appropriate company representative (e.g. construction and environment inspectors). | EPP Section 4.0 | During Construction | In Progress | | |
| 558 | Environment Team | NEB | If excessive inadvertent returns continue, secondary response measures will be considered, including:<br>a.Plug fissures/fracture with sealers or plugging agents. Sealing agents, such as saw dust, nutshells, bentonite pellets, cement, or other commercially available products, are pumped into the drill hole and left undisturbed for an appropriate period of time.<br>b. Down hole cementing to seal off a large portion of the existing drill hole if practical, to a point where a new drill path can be attempted.<br>c.Suspending drilling operations and reposition the drill in an attempt to re-drill from a new location, employing the same protection measures implemented on the initial drill. Prior to commencing the re-drill, the proposed drill path will be reviewed and revised accordingly. | EPP Section 4.0 | During Construction | In Progress | | |
| 559 | Environment Team | NEB | Inadvertent mud releases will be collected and disposed of at an appropriate location. If the amount of the surface return is not of sufficient quantity to allow practical collection, the affected area shall be diluted with fresh water and the fluid will be allowed to dry and dissipate naturally on exposed subsoils within the ROW. | EPP Section 4.0 | During Construction | Commitment Complete | | |
| 560 | Environment Team | NEB | The company will prepare a report upon completion of drilling operations summarizing the events leading up to the inadvertent mud release as well as measures taken following the release to minimize impacts on the environment | EPP Section 4.0 | During Construction | Commitment Complete | | |
| 561 | Environment Team | NEB | Implement the Extreme Weather Contingency Plan, when required. | EPP Section 4.0 | During Construction | In Progress | | |

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| 562 | Environment Team | NEB | Prohibit the operation of construction equipment close to the banks of wetlands where there is a risk of bank collapse or damage, failure of the vehicle crossing, or flooding of the work area. | EPP Section 4.0 | During Construction | Not Started | | |
| 563 | Environment Team | NEB | Monitor existing erosion control measures to determine adequacy in the event of an extreme precipitation event. | EPP Section 4.0 | During Construction | Not Started | | |
| 564 | Environment Team | NEB | Construct berms of subsoil, sandbags, rock, or straw bales on approach slopes to divert runoff off the construction site and onto well vegetated lands or established storm water collection points. | EPP Section 4.0 | During Construction | Not Started | | |
| 565 | Environment Team | NEB | Import sand bags and place strategically to help stabilize and add height to banks to prevent flooding of nearby areas, especially where vegetation has been removed. | EPP Section 4.0 | During Construction | Not Started | | |
| 566 | Environment Team | NEB | Following periods of excessive rainfall or saturated soil conditions, construction will be suspended until suitable soil conditions return. | EPP Section 4.0 | During Construction | In Progress | | |
| 567 | Environment Team | NEB | If extreme precipitation has impacted wetlands or slopes in the construction area, reclamation measures will be implemented. | EPP Section 4.0 | During Construction | Not Started | | |
| 568 | Environment Team | NEB | In forested areas be cautious of falling trees and branches during high wind events. | EPP Section 4.0 | During Construction | In Progress | | |
| 569 | Environment Team | NEB | During extreme cold events, maximum work periods will be defined based on temperature and wind chill, and in accordance Occupational, Health and Safety standards. Once the extreme weather event has passed, remove any installed erosion control and flood control measures. | EPP Section 4.0 | During Construction | Not Started | | |
| 570 | Environment Team | NEB | Suspend work immediately in the area of any newly discovered resource of significance. | EPP Section 4.0 | Project Lifecycle | In Progress | | |
| 571 | Environment Team | NEB | If the site is within the construction area and cannot be avoided, construction in the immediate vicinity of the site will be suspended and will only resume upon the approval from the Heritage Conservation Branch (HCB) in Saskatchewan or Alberta Culture and Tourism (ACT) in Alberta. | EPP Section 4.0 | During Construction | In Progress | | |
| 572 | Environment Team | NEB | The site is to be marked for avoidance and left undisturbed. In particular, the perimeter of the heritage resource site will be protected from disturbance during construction with temporary snow fencing. Such temporary fencing will be securely constructed to withstand inadvertent damage from construction actions (Appendix A, Drawing No. 50). | EPP Section 4.0 | During Construction | In Progress | | |
| 573 | Environment Team | NEB | If the site is not on the construction site or can be avoided, the site is to be marked for avoidance and protected as set out above. Construction can continue. Notification is still to occur as set out below. | EPP Section 4.0 | During Construction | In Progress | | |
| 574 | Environment Team | NEB | Notify the Chief Inspector, Environmental Inspector, Indigenous Construction Monitor or community liaison, and Environmental and Sustainability Lead immediately of the discovery and location. | EPP Section 4.0 | During Construction | In Progress | | |
| 575 | Environment Team | NEB | The Chief Inspector will immediately notify the Project Leader/Manager, who will in turn immediately notify the Director of Environment and Sustainability, the SaskEnergy Manager of Indigenous Engagement HCB or ACT. | EPP Section 4.0 | During Construction | In Progress | | |
| 576 | Environment Team | NEB | Heritage Resource Specialists will assess the site, as required, and develop appropriate mitigation plans in consultation with Indigenous Engagement,, the Environment and Sustainability lead, and government agencies. | EPP Section 4.0 | During Construction | In Progress | | |
| 577 | Environment Team | NEB | Construction at the site may resume once permission has been granted by the Resource Specialist, Indigenous Engagement, the Environmental and Sustainability lead and applicable provincial government agency. | EPP Section 4.0 | During Construction | In Progress | | |
| 578 | Environment Team | NEB | If skeletal remains are found that appear to be human, immediately notify the Chief Inspector, Environmental Inspector, and Environment and Sustainability Lead and Indigenous Engagement. The applicable police authority, as well as the HCB or ACT, are to be contacted. No human skeletal remains are to be interfered with or removed. | EPP Section 4.0 | Project Lifecycle | In Progress | | |
| 579 | Environment Team | NEB | HCB or ACT will assume jurisdiction over the site and their instructions are to be followed. The HCB or ACT may conduct such investigation as they deem appropriate, and will advise the company of any further steps that may be required, and if, when and/or how construction activities at the site may proceed. | EPP Section 4.0 | During Construction | Not Started | | |
| 580 | Environment Team | NEB | The contractor or construction personnel will immediately inform the Environment and Sustainability Lead if pre-existing contaminated soil has been encountered or suspected. The company will retain expert advice on assessing and developing a soil sampling, handling, and remediation plan in accordance with the SaskEnergy/TransGas Safety Manual. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 581 | Environment Team | NEB | The company will inform the appropriate government agencies if the soil is deemed to be contaminated. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 582 | Environment Team | NEB | The company will erect signage to warn site personnel and the public of the contaminated area. Construction equipment will be removed from the area. | EPP Section 4.0 | During Construction and Operations | Not Started | | |
| 583 | Environment Team | NEB | Soil suspected of contamination will be isolated using fencing when required. | EPP Section 4.0 | During Construction and Operations | Not Started | | |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Environment - Version 11 - June 21, 2021**

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| 584 | Environment Team | NEB | Identify requirements for construction vehicle/access control during construction, such as restricted access areas, gated/manned access, signs, in/out privileges, traffic flows (one-way traffic), crew buses, and speed limits, where required. | EPP Section 4.0 | During Construction | In Progress | | |
| 585 | Environment Team | NEB | A Transportation Management Plan is developed for the Project; copies kept on site and provided to key Inspection and contractor leads. | EPP Section 4.0 | During Construction | Completed | | |
| 586 | Environment Team | NEB | Notify First Call, SaskPower, Alberta One Call, third party companies and/or municipalities having utilities or infrastructure/assets in the vicinity of construction prior to the commencement of construction. | EPP Section 4.0 | Project Lifecycle | Commitment Complete | | |
| 587 | Environment Team | NEB | All buried and overhead utilities in proximity to the construction site will be clearly identified and marked with warning signs or other structures (e.g., overhead cable goal posts to mark height restrictions) | EPP Section 4.0 | Project Lifecycle | In Progress | | |
| 588 | Environment Team | NEB | Underground pipelines or utilities will be located by competent personnel prior to ground disturbance. | EPP Section 4.0 | Project Lifecycle | Commitment Complete | | |
| 589 | Environment Team | NEB | If existing utilities are inadvertently damaged or impacted, notify the Chief Inspector and/or lead designate immediately. Respective utility company also notified. | EPP Section 4.0 | Project Lifecycle | Not Started | | |
| 590 | Environment Team | NEB | Suspend work should a wildlife species of concern be discovered on or near the ROW or work site, or in proximity to the location. Contact the Environmental Monitor and Environment and Sustainability Lead immediately. MIPL will report any sightings of rare or endangered wildlife species, on or off ROW or work site, to the appropriate government wildlife representative. | EPP Section 4.0 | Project Lifecycle | In Progress | | |
| 591 | Environment Team | NEB | Any occurrences of previously unidentified plant species of management concern are to be reported to the Environmental Inspector and Environment and Sustainability Lead to confirm regulations and requirements related to species of management concern. | EPP Section 4.0 | Project Lifecycle | In Progress | | |
| 592 | Environment Team | CER | 3. Environmental Protection<br>MIPL(C)L must 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. | C07461-3 Order XG-017-2020<br>Condition No.3<br>Environmental Protection | Project Lifecycle | In Progress | | |
| 593 | Environment Team | CER<br>CLFN<br>MN-S | a)MIPL(C)L must file with the CER, at least 30 days prior to commencement of construction, a plan describing participation by Cold Lake First Nation (CLFN) and Métis Nation – Saskatchewan (MN-S) Elders and/or Indigenous people performing the role of Construction Monitor in monitoring activities prior to and during construction. Activities include monitoring for adverse environmental impacts, heritage resources, areas related to traditional land and resource uses, and areas of cultural significance. The plan must include, but not be limited to:<br>I.a summary of engagement and planning activities undertaken with CLFN and MN-S to develop opportunities for their participation in monitoring activities;<br>II.a description of how the results from its engagement with CLFN and MN-S were incorporated into the plan, or an explanation as to why any results have not been incorporated;<br>III.description of the anticipated training and participant requirements, including potential certifications for the Elders and/or Indigenous people performing the role of Construction Monitor;<br>IV.the scope, methodology, and justification for monitoring activities to be undertaken by MIPL(C)L and CLFN and MN-S, including those elements of construction and geographic locations that will involve Construction Monitors;<br>V.a description of how MIPL(C)L will use and incorporate the information gathered through the participation of Elders and/or Indigenous people performing the role of Construction Monitors and apply it to the Project, or provide an explanation as to why that information could not be incorporated; and<br>VI.a description of how, what form, and the timeframe in which MIPL(C)L will provide the information gathered through the participation of Elders and/or Indigenous people performing the role of Construction Monitor to CLFN and MN-S.<br>b)MIPL(C)L must provide a copy of the plan to CLFN and MN-S; and MIPL(C)L | C07461-3 Order XG-017-2020<br>Condition 4<br>Construction Monitoring Plan | Prior to Construction<br>30 days prior to commencement of construction<br>Within 7 days of filing with CLFN and MN-S | Completed | | |
| 594 | Environment Team | CER | MIPL(C)L must file with the CER, at least 30 days prior to performing an HDD crossing at either of the two unnamed creeks in its Application, a description of the contingency plan to be used if the HDD is not successful. | C07461-3 Order XG-017-2020<br>Condition No.11<br>Creek Crossing - Horizontal Directional Drilling Contingency Plan | Prior to Construction<br>30 days prior to performing an HDD at either of the two (2) unnamed creeks | Completed | | |

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|---|---|---|---|---|---|---|---|---|
| 595 | Environment Team | CER | MIPL(C)L must file with the CER, at least 30 days prior to commencing operations:<br>a)confirmation that it has updated its Emergency Management Program;<br>b)confirmation that it has updated its Emergency Procedures Manual to include assets and risks associated with the Project;<br>c)confirmation that it has updated the links on MIPLCL.com for the company's Emergency Management Program information and Emergency Response Manual; and<br>d)confirmation that the Project route has been assessed to identify sensitive areas, as defined in Annex A of the Canadian Energy Regulator Onshore Pipeline Regulations (OPR) Guidance Notes. If sensitive areas are present along the pipeline route for the Project, MIPL(C)L must provide confirmation that site specific emergency response plans have been developed. | C07461-3 Order XG-017-2020<br>Condition No.13<br>Emergency Management Program | Prior to Operations<br>30 days prior to commencing operations | Completed | | |
| 596 | Environment Team | CER<br>Indigenous Stakeholders | a)On or before 1 February following each of the first, third and fifth complete growing seasons after completing final clean-up of areas disturbed during construction, MIPL(C)L must file with the CER a post-construction environmental monitoring report that:<br>i)describes the methodology used for monitoring, the criteria established for evaluating success and the results found;<br>ii)identifies any modifications for the criteria established for evaluating reclamation success described in the EPP and the rationale for any modifications;<br>iii)identifies the issues to be monitored, including but not limited to unexpected issues that arose during construction, and their locations (e.g., on a map or diagram, in a table);<br>iv)describes the current status of the issues (resolved or unresolved), any deviations from plans and corrective actions undertaken;<br>v)assesses the effectiveness of mitigation measures (planned and corrective) against the criteria for evaluating reclamation success set out in the EPP; including but not limited to an assessment of the effectiveness of implementation of species specific mitigation measures;<br>vi)includes a detailed summary of MIPL(C)L's consultation undertaken with the appropriate provincial and federal authorities; and affected Indigenous peoples and a detailed description of how this consultation informed and/or modified MIPL(C)L's environmental monitoring program; and<br>vii)provides proposed measures and the schedule that MIPL(C)L would implement to address ongoing issues or concerns.<br><br>The report shall include, but is not limited to, information specific to the effectiveness of mitigation applied to minimize effects on: soils, weeds, watercourse crossings, wetlands, wildlife and wildlife habitat, wildlife species at risk and of special concern, and fish and fish habitat. | C07461-3 Order XG-017-2020<br>Condition No.19<br>Post-Construction Environmental Monitoring Reports | Operations<br>On or before 1 February following each of the first, third and fifth complete growing seasons<br>Within 7 days of filing with CER | Not Started | | |
| 598 | Environment Team | NEB | c) As outlined in the EPP (Appendix A of Attachment 1) and in Table 6-7 of the ESA (Attachment 1), on non-cultivated lands, post-construction vegetation growth will be inspected regularly by MIPL(C)L to confirm a self-sustaining vegetation cover is established and maintained. Any sites with sparse growth will be re-seeded, including implementation of any other remedial measures to enhance plant establishment.<br><br>MIPL(C)L will refer to the 2010 Reclamation Criteria for Wellsites and Associated Facilities for Forested Land (Updated July 2013) for reclamation criteria and adaptive management strategies that will aid in the re-establishment of native upland vegetation (ERSD 2013). | Response 1.7c | During Construction and Operations | Not Started | | |
| 599 | Environment Team | NEB | a) MIPL(C)L confirms that the additional mitigation measures will be implemented and incorporated into the Environmental Protection Plan and the environmental alignment sheets, where applicable, following the completion of biophysical surveys in spring and summer 2020. | Response 2.6a | Prior to and During Construction | Completed | | |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Environment - Version 11 - June 21, 2021**

**Project Stage** **Description**

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"During Construction" To be completed during construction (September 2020 - October 2021) of specific facility or section of pipeline
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"Project Lifecycle" - Ongoing commitment prior to, during and post construction (July 2020 - February 2026)
"No Longer Applicable" - Change in project design or execution

**Commitment Status**

"Not Started" - Work has not commenced
"In Progress" - Work has commenced or is partially complete
"Superseded by Condition" - Commitment has been superseded by NEB/CER condition or other legal/regulatory requirement
"Commitment Complete" - Commitment has been met
"No Longer Applicable" - Change in project design or execution
"Addressed by Construction Line List and Construction / Environmental Alignment Sheets" - As indicated

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| Commitment ID | Team Accountable for Commitment | Commitment Made To | Commitment Description | Source(s) of Commitment | Project Stage for Implementation of Commitment | Commitment Status | Superseded by CER Final Condition (x) Number | Additional Comments |
|---|---|---|---|---|---|---|---|---|
| 600 | Environment Team | NEB | MIPL(C)L will conduct post-construction inspections to confirm the success of reclamation activities at wetlands disturbed during construction. The post-construction inspections will be conducted by the Environmental Inspector/Environmental Monitor(s) during the first growing season following the completion of construction and reclamation activities. The Environmental Inspector/Environmental Monitor(s) will be familiar with applicable provincial reclamation guidelines for linear projects.<br>Vegetation species, including weed species, and soil characteristics will be identified at each wetland that is inspected. Based on the results of the inspections, including the presence or absence of hydrophytic vegetation and hydric soils compared to baseline results MIPL(C)L will evaluate the need for additional reclamation work or inspections. | Response 2.7 | During Construction and Operations | Not Started | | |
| 601 | Environment Team | NEB | - MIPL will conduct a reconnaissance survey of the staging area to confirm existing conditions and identify potential environmental sensitivities (e.g., wetlands, wildlife features).<br><br>- There is the potential that the staging area could result in nuisance effects (e.g., noise, dust, odor, lights) to the two residences west of the staging area. Nearby residents and businesses will be engaged and appropriate mitigation measures will be implemented, as required. For example, applying dust control measures, and managing waste. There will be an avenue for complaints and a process in place for conflict resolution.<br><br>- Based on the results of the survey, additional mitigation measures will be implemented and incorporated into the Project's Environmental Protection Plan and environmental alignment sheets. | File OF-Fac-Gas-M182-2019-02 01 | Prior to and During Construction | Commitment Complete | | |
| 602 | Environment Team | CER | Provide Environmental Alignment Sheets to the CER 30 days prior to construction. | Response to question 1.3 in IR#1 | Prior to Construction | Completed- Late | | |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Third Party Approvals/ Permits - Version 11 - June 21, 2021**

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|---|---|---|---|---|---|---|---|
| 1 | Construction Team | AltaGas Ltd. | Facility Crossing Agreement | Refer to Terms and Conditions in the Agreement<br>• **Plan 912 1205 was never constructed** | During construction | In progress | Canadian Plains Jan 19, 2021 3:30pm, contacted Alta Gas for notice to bore on hotline @ 0+297<br>Contacted Alta Gas 10/20/2020 doesn't want to stake first calls until the cows are gone or RoW is fenced.<br>Talked to AltaGas 10/22/2020 3:10 pm, wants 48 hr notice to Vac install, and backfill. Rep wants sand for backfill and mats for crossing.<br>Contacted AltaGas at 11.50 am 9/21/2020. AltaGas rep. will read agreement and let us know if he needs to be on site to install mats over there line crossing. |
| 2 | Construction Team | Bow River Energy | Facility Crossing Agreement<br>Master Road Use Agreement<br>Proximity Temp Workspace | Refer to Terms and Conditions in the Agreement | During construction | In progress | 01/15/21, 12:30 CCI called and spoke with Bow River. Gave notification that the drill would be commencing. CCI would provide updates on progress.<br>01/19/21, 13:45 CCI called Bow River and gave update of progress on Crossing #2.<br>01/21/21 11:27 CCI spoke with Bow River and gave update of progress on Crossing #2.<br>01/22/21, 17:45 CCI spoke with Bow River and gave update of progress on Crossing # 2.<br>01/23/21 17:45 CCI had text communication with Bow River and gave update of progress on Crossing #2<br>01/25/21 14:11 CCI spoke with Bow River and gave update of rig progress at 485m and would be a couple of days before at first crossing.<br>01/26/21 17:07 CCI text with Bow River and gave update of rig progress. Discussed expected two more days before at ROW.<br>01/28/21 19:4 CCI text with Bow River about Drill progress at 626m and would keep giving updates as progressing towards the line.<br>01/30/21 17:01 CCI text with Bow River about drill progress at 644m and would keep giving updates. Potential to be at line Monday.<br>01/31/21 18:57 CCI text with Bow River drill progress update. At 652m with progress expecting to be at the line crossing Tuesday.<br>02/01/21 18:41 CCI text with Bow River drill progress. Currently at 730m with 100m to go to line. Will likely be tomorrow.<br>02/02/21 9:50 CCI text with Bow River drill progress. At 793m and expect to cross first line today.<br>02/02/21 13:37 CCI text update to Bow River that drill will be crossing first line tonight.<br>02/02/21 18:00 CCI spoke with Bow River on phone that drill will cross first line during the night shift. Bow River does not want to be on site during the night |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Third Party Approvals/ Permits - Version 11 - June 21, 2021**

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**Commitment Status**
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|---|---|---|---|---|---|---|---|
| | | | | | | | and gave permission to proceed without rep on site.<br>02/02/21 18:36 CCI emailed confirmation of conversation with Bow River that no rep is required on site for crossing line due to separation being quite great.<br>02/03/21 11:29 CCI emailed Bow River separation from drill path and first Bow river line of 37.4m<br>02/03/21 15:30 CCI emailed Bow River separation from drill path and second Bow River line of 27.97m. Notified Bow River that CCI would notify of 30" ream pass once close. CCI made contact with the Bow River Facility Rep, at 13:28, let him know that the Crossing Company Rig would be mobbing in and drilling started over the weekend. CCI give an update on drilling progress on Tuesday Jan 19, 2021 and gave approximate time the drill would be encroaching on their ROW.<br>CPES Jan 4 8:30am contacted Bow River, for hotline crossing at 7+476- Bore<br>CPES Dec 18 3:00pm spoke to Bow River about having a rep on site for Jan 4th.<br>CPES contacted Bow River Dec 10 11:22 to obtain permission to stockpile material over buried line - approval was granted. KP23+851<br>CPES Dec 7 8:05am contacted Bow River notification of l in crossings for HDD at HWY 21 RD5. CPES Dec 1 1:15pm, Contact Bow River to line up REP for RD5 crossing CPES Nov 24 10:00am contacted Bow River for notification of rep required on site for bore of 6" pipe CPES Nov 28 1:00pm Nov 30 12:00pm contacted Bow River notify about crossing hotline 23+868 CPES contacted Bow River Nov 27th 4:10 pm Approval to dig towards line off bore stub @KO<br>CPES - Contacted Bow River at 10:00am on Nov 24 for notice of the bore crossing of line at approx. 29+620 - Bow River will be on site for crossing.<br>Talked to Bow River 10/20/2020 11:50 AM, if he is in the area he will stop out if not proceed with hydro vac, ramp lines, wants to be on site when crossing their line. Called Bow River Energy 11.40 am 9/21/2020 and their rep. was ok with installing mats over there line crossings with out any rep on site. |
| 3 | Construction Team | MD of Bonnyville | Pipeline Construction<br>Road Upgrades<br>New Approach | Refer to Terms and Conditions in the Agreement | During construction | In progress | CPES - 8:44am Dec 7th - Left message for MD of Bonnyville, Notice of construction operations in the MD of Bonnyville. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Third Party Approvals/ Permits - Version 11 - June 21, 2021**

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|---|---|---|---|---|---|---|---|
| 4 | Construction Team | RM of Beaver River | Approach Consent<br>Master Road Crossing Agreement<br>Development Permit | Refer to Terms and Conditions in the Agreement | During construction | In progress | Talked to RM of Beaver River 10/22/2020 10:37 AM to let them know we were beginning construction. She requested an email notification for our contact information and was sent after our conversation. |
| 5 | Construction Team | SaskEnergy | Facilities Crossing Approval | Refer to Terms and Conditions in the Agreement<br>• **Shall comply with Crossing Table** | During construction | In progress | CPES , contacted SaskEnergy Jan 6 1:00pm, notify of excavation of crossing at RD5 North. CPES Dec 15 1:44pm spoke to SaskEnergy 1" line crossing, notifications. CPES Dec 9 9:24, 9:43 left message, 10:16 no answer, 1:00 spoke to SaskEnergy about boring line crossing, gave notification for line crossing at 14+310<br>CPES Dec 7 8:10am Contacted SaskEnergy Notification for line crossings at x2 at hwy 21 RD 5 CPES, Dec 2 1:30pm, Spoke to SaskEnergy, Lined up Rep for Sask Energy crossing.<br>CPES Dec 3 9:20am Switch Board- Ask for Rep to cross line, Dec 3 10:33am SaskEnergy replied, no rep required to cross, took pictures. CPES Nov 28th 1:10pm attempted call for SaskEnergy - no answer.<br>CPES Nov 28th 2:00pm Contacted SaskEnergy, had rep on site to Vac and Bore RD2 Talked to SaskEnergy 10/21/2020 3:30 pm, mat lines, clay ramp, rep doesn't need to be on site but do not go over 2200 psi when hydro vaccing. Contacted SaskEnergy at 11.55am9/21/2020 he wants to have rep on site to install mats over there line crossing. |
| 6 | Construction Team | SaskPower | Overhead Power Crossing Agreement | Refer to Terms and Conditions in the Agreement | During construction | In progress | Contacted Sask Power 10/20/2020 4:40 pm. Contacted and ok with hydrovac, installations and backfill. No rep needed onsite. |
| 7 | Construction Team | SaskTel | Coms Crossing | Stamped Drawings | During construction | In progress | Contacted SaskTel 10/20/2020 11:30 am. Waiting to hear from Brent out of North Battleford, Proceed with hydrovac. No Rep needed. |
| 8 | Construction Team | SaskWater | Waterline Crossing Agreement | Refer to Terms and Conditions in the Agreement | During construction | In progress | CPES Dec 18 3:15pm about having a rep on site for Jan 4th.<br>CPES Dec 7 8:15am contacted SaskWater, notification for crossing water line at hwy21 RD5. Talked to SaskWater 10/20/2020 12:50 PM, no mats required for crossing, can proceed with hydro vac, wants to be on site when boring across and would like a few days notice. |
| 9 | Construction Team | Ministry of Highways and Infrastructure | Request Consent to Utilize an Existing Approach from Highway No. 55, km 49.8 (SW 10-62-27 W3M) | Refer to Terms and Conditions in the Agreement | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 10 | Construction Team | Ministry of Highways and Infrastructure | Application for Permission to Construct a Temporary Approach to Highway No. 55 - Land Location: SW 08-62-25 W3M Approx. km 33.04 | Refer to Terms and Conditions in the Agreement<br>• **Signs to be displayed in accordance with Standard Plan**<br>• **Follow Guidelines to Highway Approach Installation**<br>• **Final clean up within 90 days of permit issue date** | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 11 | Construction Team | Ministry of Highways and Infrastructure | Request Consent to Utilize an Existing Approach from Highway No. 55, km 47.57 (SE 11-62-27 W3M) | Refer to Terms and Conditions in the Agreement | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Third Party Approvals/ Permits - Version 11 - June 21, 2021**

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|---|---|---|---|---|---|---|---|
| 12 | Construction Team | Ministry of Highways and Infrastructure | Roadside Development Permit Adjacent to Highway No. 21, approx. km 43.05 (SW 01-62-26 W3M) | Refer to Terms and Conditions in the Agreement | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 13 | Construction Team | Ministry of Highways and Infrastructure | Roadside Development Permit Adjacent to Highway No. 55, approx. km 23.06 (NE 07-62-24 W3M) | Refer to Terms and Conditions in the Agreement | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 14 | Construction Team | Ministry of Highways and Infrastructure | Natural Gas Pipeline Along and Across Provincial Highway No. 55 and No. 21 From SE 08-62-27 W3M to NE 07-62-24 W3M (Crossing Land Location: SE 02-62-26 W3M) | Refer to Terms and Conditions in the Agreement<br>**• Signs to be displayed in accordance with Standard Plan**<br>**• Follow Terms and Conditions in the Department Pipeline Construction Policy**<br>**• Settlement repair inside the highway ROW during the period of one year after construction.** | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 15 | Construction Team | Ministry of Highways and Infrastructure | Consent of the Minister of Highways and Infrastructure to Construct a Pipeline | Refer to Terms and Conditions in the Agreement and Schedule "A"<br>**• Follow Traffic Accommodation Plan** | During construction | In progress | Contacted District Operations Manager 10:00am 10/03/2020- Discussed culvert sizes (20"), approaches, tracked equipment crossing asphalt must be protected. |
| 16 | Construction Team | Many Islands Pipe Lines (Canada) Ltd. | Engineering Crossing/Encroachment Approval Notice to Operations | Refer to Terms and Conditions in the Permit | During construction | In progress | CCI spoke with MIPL ( Jan. 15, 15:37) clarified that the Crossing Company Rig was mobbing in on Saturday with drilling commencing. CCI made contact again on Tuesday Jan 19, 2021 to inform of drilling progress and estimated time that drill would encroach on the line. CPES Dec 9 9:25am spoke to MIPL about line crossing HDD at 14+334 CPES Dec 9:30 Contacted MIPL, permission to ramp over line on ditch side - KP23+182CPES. Dec 1 12:00pm Contacted MIPL/TransGas, Lined Up/Cancel REP for RD 5 crossing. CPES , Nov 26th 3:00pm contacted MIPL/TransGas - Notification for representative at H-Slot for line @ 27+339 CPES , Nov 26th 3:00pm contacted MIPL/TransGas - Notification for representative at H-Slot for line @ 27+339 Called MIPL Operations 10/20/2020 12:55 PM, wants mats to cross lines, wants to be on site for hydro vac, crossing and backfill. Called MIPL Operations, 11.55am 9/21/2020 and MIPL's contact wants to have rep on site to install mats over there line crossing. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
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|---|---|---|---|---|---|---|---|
| 17 | Construction Team | TransGas Ltd. | Engineering Crossing/Encroachment Approval Notice to Operations | Refer to Terms and Conditions in the Permit | During construction | In progress | 01/15/15:37 CCI spoke with TransGas and gave notification that HDD Crossing #2 would be commencing with casing installation and drilling. Would be providing updates along the way and prior to line crossing.<br>01/19/21 13:46 CCI called TransGas and left a message about progress on the drill.<br>01/20/21 13:51 CCI called TransGas and left a progress update. Still several days away from the line crossing.<br>01/21/21 11:12 CCI spoke with TransGas on the phone and gave progress update. Still several days away from the line crossing.<br>01/22/21 17:44 CCI left TransGas a message with progress update. Still several days away from the crossing.<br>01/23/21 18:10 CCI left TransGas a text message with progress update. Several days away from the line crossing.<br>01/25/21 14:10 CCI spoke with TransGas on the phone and gave progress update on Crossing #2 drill. Would be a couple days until at the line crossing and would continue with daily updates.<br>01/26/21 17:04 CCI interacted with TransGas through text message to give progress update on Crossing #2. Discussed time frame to be at TransGas ROW.<br>01/28/21 19:39 CCI text interaction with TransGas. Gave update of drill being at 626m.<br>01/30/21 16:59 CCI text interaction with TransGas. Gave update of drill progress at 644m. Will continue with updates.<br>01/31/21 18:56 CCI text interaction with TransGas. Gave update of drill progress with bit at 652m. High potential of being at the line on Monday if all goes well.<br>02/01/21 17:15 CCI text interaction with TransGas. Gave update of rig being at 720m.<br>02/02/21 CCI emailed TransGas with a separation from TransGas line to pilot hole. Separation was 40.1m. Spoke with TransGas that update would be sent out once 30" ream pass gets near the line crossing. CCI spoke with TGL ( Jan. 15, 15:37) clarified that the Crossing Company Rig was mobbing in on Saturday with drilling commencing. CCI made contact again on Tuesday Jan 19, 2021 to inform of drilling progress and estimated time that drill would encroach on the line. Contacted TransGas Operations 10/20/2020 12:55 pm. Call 24hrs before locating, strip over or backfill. Called TransGas Operations, 11.55am 9/21/2020 and TransGas' contact wants to have rep on site to install mats over their line crossing. |
| 18 | Construction Team - Compression | Ministry of Highways and Infrastructure | Permit to construct new approach for the compressor station | Refer to Terms and Conditions in the Permit | During construction | In progress | Contacted Ministry of Highways. Friday, Sept. 25. OK to proceed |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Third Party Approvals/ Permits - Version 11 - June 21, 2021**

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|---|---|---|---|---|---|---|---|
| 19 | Construction Team | Community Planning | Certificate of Approval | Refer to Terms and Conditions in the Permit | During construction | In progress | |
| 20 | Construction Team | TC Energy | building | Refer to Terms and Conditions in the Permit | During construction | In progress | Talked to TC Energy 10/20/2020 11:15 AM about first calls, wants notice when Canadian Plains will be within 30 meters of their facility. |
| 21 | Construction Team - Compression | RM of Beaver River | Development and Building Permit | Refer to Terms and Conditions in the Permit | During construction | In progress | |
| 22 | Construction Team - Compression | TSASK | Registration of Pressure Piping Design with TSASK | Refer to Terms and Conditions in the Permit | During construction | In progress | |
| 23 | Construction Team - Compression | TSASK | Pressure Vessel Permit to Install and Pressure Vessel Inspection | Refer to Terms and Conditions in the Permit | During construction | Complete | Pressure vessels permit to install granted after field inspection by TSASK. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Landowner Line List Version 11 - June 21, 2021**

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"Operations" - To be completed after operations have commenced (November 2021), including post-construction monitoring conditions
"Project Lifecycle" - Ongoing commitment prior to, during and post construction (July 2020 - February 2026)
"No Longer Applicable" - Change in project design or execution

**Commitment Status**
"Not Started" - Work has not commenced
"In Progress" - Work has commenced or is partially complete
"Superseded by Condition" - Commitment has been superseded by NEB/CER condition or other legal/regulatory requirement
"Commitment Complete" - Commitment has been met
"No longer Applicable" - Change in Project design or execution
"Addressed by Construction Line List and Construction / Environmental Alignment Sheets" - As indicated

Notes: - Red text indicates a change in Commitment Status or a new Commitment, from previous filed version.

| Commitment ID | Team Accountable for Commitment | Commitment Made To | Source(s) of Commitment | Commitment Description | Project Stage for Implementation of Commitment | Commitment Status | Additional Comments |
|---|---|---|---|---|---|---|---|
| 1 | Construction | Landowner(s) | Construction Commitment Line List | Contact Landowner prior to entry | Prior to Construction | Commitment Complete | |
| 2 | Construction | Landowner(s) | Construction Commitment Line List | Keep Gates Closed / Locked | Prior to Construction | In progress | Livestock present - Cattle / Horses / |
| 3 | Construction | Landowner(s) | Construction Commitment Line List | Fencing Requirements / Gate requirements | Prior to Construction | In progress | replacement fencing / new fencing / new gates / |
| 4 | Construction | Landowner(s) | Construction Commitment Line List | Fencing ROW | Prior to Operations | In progress | |
| 5 | Safety / Construction | Landowner(s) | Construction Commitment Line List | Beware of Dog | During Construction | In progress | |
| 6 | Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT access:<br>A) restrictions on land use<br><br>CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction | In progress | Stay out of areas specific to L/O requirements. |
| 7 | Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT access:<br>B) wash and/or bleach equipment (per individual agreement)<br><br>CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction | In progress | Wash/Bleach all equipment. |
| 8 | Land / Environment / Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT<br>A) reclamation<br><br>ALL CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction / Prior to Operations | In progress | Rocks to be picked /Reseeding to be approved by Landowner |
| 9 | Land / Environment / Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT<br>B) salvage<br><br>ALL CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction / Prior to Operations | Commitment Complete | Trees to be salvaged for firewood |
| 10 | Land / Environment / Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT<br>C) restrictions on land use<br><br>ALL CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction / Prior to Operations | In progress | |
| 11 | Land / Environment / Construction | Landowner(s) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Specific Conditions WRT<br>D) wash and/or bleach equipment (per individual agreement)<br><br>ALL CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction / Prior to Operations | In progress | |
| 12 | Construction | Landowner(s) | Construction Commitment Line List | Contact Other Representatives as indicated | Prior to Construction | Commitment Complete | Estate representative / Other representative |
| 13 | Construction | Landowner(s) | Construction Commitment Line List | Adhere to Lease agreement - Surface Facilities | During Construction | In progress | |
| 14 | Construction | Crown (AB) | Construction Commitment Line List | Contact Occupant prior to entry | Prior to Construction | Commitment Complete | |
| 15 | Construction | Crown (AB) | Construction Commitment Line List<br><br>Disposition | Receive Entry Confirmation Number via EDS | Prior to Construction | Commitment Complete | Site Entry: EN2000357 for Disposition # DPL200032 |
| 16 | Environment / Construction | Crown (AB) | Construction Commitment Line List<br><br>Disposition | Refer to Disposition for additional conditions | During Construction | Commitment Complete | Site Entry: EN2000357 for Disposition # DPL200032 |
| 17 | Environment / Construction | Crown (AB) | Construction Commitment Line List<br><br>Disposition | TFA | Prior to Construction | Commitment Complete | TFA no longer required as per communication with Alberta Environment and Parks on Aug 31, 2020. TWS approval granted within disposition. Task completed. |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Landowner Line List Version 11 - June 21, 2021**

**Project Stage** **Description**
"Prior to Construction" - To be completed prior to construction of specific facility or section of pipeline
"During Construction" To be completed during construction (September 2020 - October 2021) of specific facility or section of pipeline
"Prior to Operations" - To be completed prior to commencing operations (September 2020 - October 2021)
"Operations" - To be completed after operations have commenced (November 2021), including post-construction monitoring conditions
"Project Lifecycle" - Ongoing commitment prior to, during and post construction (July 2020 - February 2026)
"No Longer Applicable" - Change in project design or execution

**Commitment Status**
"Not Started" - Work has not commenced
"In Progress" - Work has commenced or is partially complete
"Superseded by Condition" - Commitment has been superseded by NEB/CER condition or other legal/regulatory requirement
"Commitment Complete" - Commitment has been met
"No longer Applicable" - Change in Project design or execution
"Addressed by Construction Line List and Construction / Environmental Alignment Sheets" - As indicated

Notes: - Red text indicates a change in Commitment Status or a new Commitment, from previous filed version.

| Commitment ID | Team Accountable for Commitment | Commitment Made To | Source(s) of Commitment | Commitment Description | Project Stage for Implementation of Commitment | Commitment Status | Additional Comments |
|---|---|---|---|---|---|---|---|
| 18 | Construction | Crown (AB) | Construction Commitment Line List<br><br>Disposition | Keep Gates Closed | During Construction | In progress | |
| 19 | Construction | Crown (SK) | Construction Commitment Line List | Contact Occupant prior to entry | Prior to Construction | Commitment Complete | |
| 20 | Environment / Construction | Crown (SK) | Construction Commitment Line List | Specific Conditions WRT:<br>A) reclamation | During Construction / Prior to Operations | In progress | |
| 21 | Environment / Construction | Crown (SK) | Construction Commitment Line List | Specific Conditions WRT:<br>B) salvage | During Construction / Prior to Operations | Commitment Complete | Occupant has requested the opportunity to salvage trees along ROW for firewood. |
| 22 | Land / Construction | Crown (SK) | Construction Commitment Line List | Adhere to Lease agreement - Surface Facilities / Roads | During Construction | In progress | |
| 23 | Land | Crown (SK) | Construction Commitment Line List | Land to be transferred to Lessee | Prior to Construction | Commitment Complete | Land has been transferred per conversation with LT at SaskEng |
| 24 | Land | Crown (SK) | Construction Commitment Line List | Road Allowance Use | During Construction | In progress | |
| 25 | Land / Construction | Crown (SK) | Construction Commitment Line List<br><br>Memorandum of Understanding (MOU) | Memorandum of Understanding in effect -ALL CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. | During Construction | In progress | Follow all conditions |
| 26 | Land / Construction | Landowner(s) | Construction Commitment Line List<br>Damage Release | Maintenance to return road to prior condition ahead of hydrostatic test | Prior to Operations | In progress | |

**Commitments Tracking Table**
**Many Islands Pipe Lines (Canada) Limited**
**Pierceland Supply Project**
**Traditional Land and Resource Use - Version 11 - June 21, 2021**

**Note: TLRU CTT to comply with commitments arising under monitoring plans and monitoring agreements for Project lifecycle. Table to be populated as information items or commitments arise.

**Commitment Status**
"Not Started" - Work has not commenced
"In Progress" - Work has commenced or is partially complete
"Commitment Complete" - Commitment has been met
"Other" - See Additional Comments

Note: Red text indicates a change in Commitment Status or a new Commitment, from previous filed version.

| Commitment ID | Team Accountable for Commitment | Commitment Made To | Source(s) of Commitment | Commitment Description | Notification Requirements | Notification Contact | Commitment Status | Additional Comments |
|---|---|---|---|---|---|---|---|---|
| 1 | Environment Team | NEB | EPP Section 1.3 | Open lines of communication with all project staff and groups | Indigenous Construction Monitor | | In Progress | |
| 2 | Environment Team | NEB | EPP Section 4.0 | Suspend work if newly discovered resource of significance; fence or flag off the site | Indigenous Construction Monitor | | In Progress | |
| 3 | Environment Team | NEB | EPP Section 4.0 | Notify Chief Inspector, Environment Team and Project Engineer | | | In Progress | |
| 4 | Environment Team | NEB | EPP Section 4.0 | Environment Team lead will notify Indigenous Engagement and appropriate regulator | | | In Progress | |
| 5 | Environment Team | NEB | EPP Section 4.0 | Develop mitigation plan with Indigenous Engagement, Heritage Resource Specialist | | | In Progress | |
| 6 | Environment Team | NEB | EPP Section 4.0 | Implement approved mitigation and monitoring plan | | | In Progress | |
| 7 | Indigenous Engagement | CER | IR #1 | Offer Benefits/Monitoring Agreements with Cold Lake First Nation | | | Commitment Complete | Agreement signed. CLFN elder and monitor are working on the project. |
| 8 | Indigenous Engagement | CER | IR #1 | Offer Consultant Agreements with Cold Lake First Nation | | | Commitment Complete | Agreement signed. CLFN elder and monitor are working on the project. |
| 9 | Indigenous Engagement | CER | IR #1 | Offer Protocol Agreements with Cold Lake First Nation | | | Commitment Complete | |
| 10 | Indigenous Engagement & Construction | CER | IR #2 | Comply with Agreements with Cold Lake | | | In Progress | |
| 11 | Indigenous Engagement | CER | IR #1 | Offer Benefits/Monitoring Agreements with Metis Nation - Saskatchewan | | | Commitment Complete | Agreement signed. MN-S' monitor has been working on the project since Nov 10th. |
| 12 | Indigenous Engagement | CER | IR #1 | Offer Consultant Agreements with Metis Nation - Saskatchewan | | | Commitment Complete | Agreement signed. MN-S' monitor has been working on the project since Nov 10th. |
| 13 | Indigenous Engagement & Construction | CER | IR #2 | Comply with Agreements with MN-S | | | In Progress | |
| 14 | Indigenous Engagement | CER | | Review and provide comments with respect to Indigenous Knowledge Sharing Agreement with Cold Lake First Nation | | | Commitment Complete | |
| 15 | Indigenous Engagement | CER | | Notify Cold Lake First Nation of the Project Schedule | | | Commitment Complete | |
| 16 | Indigenous Engagement | CER | | Notify Metis Nation - Saskatchewan of the Project Schedule | | | Commitment Complete | |
| 17 | Indigenous Engagement | CER | | Notify Metis Nation - Alberta of the Project Schedule | | | Commitment Complete | |
| 18 | Indigenous Engagement | CER | CO7461-3 Order XG-017-2020 Condition 4b) | Share Construction Monitoring Plan with Cold Lake First Nation | | | Commitment Complete | |
| 19 | Indigenous Engagement | CER | CO7461-3 Order XG-017-2020 Condition 4b) | Share Construction Monitoring Plan with Metis Nation - Saskatchewan | | | Commitment Complete | |
| 20 | Indigenous Engagement | CER | IR #2 | Share Project Contingency Plan with Cold Lake First Nation | | | Commitment Complete | |
| 21 | Indigenous Engagement | CER | IR #2 | Share Project Contingency Plan with Metis Nation - Saskatchewan | | | Commitment Complete | |
| 22 | Indigenous Engagement | CER | IR #1 | Benefit/Monitor Agreement with Red Pheasant First Nation | | | Commitment Complete | |
| 24 | Indigenous Engagement | CER | IR #1 | Benefit/Monitor Agreement with Thunderchild First Nation | | | Commitment Complete | |
| 26 | Indigenous Engagement | CER | IR #1 | Send Project Summary to affected Indigenous communities | | | Commitment Complete | |
| 27 | Indigenous Engagement | CER | IR #1 | Replied to Cold Lake First Nation questions on Pierceland Project | | | Commitment Complete | |
| 28 | Indigenous Engagement | CER | IR #1 | Replied to Metis Nation - Saskatchewan questions on Pierceland Project | | | Commitment Complete | |
| 29 | Indigenous Engagement | CER | IR #1 | Responded CER Information Request 1.1 in regards to Indigenous Consultation Program | | | Commitment Complete | |
| 30 | Indigenous Engagement | CER | IR #2 | Responded CER Information Request 2.2 in regards to Indigenous Consultation Program | | | Commitment Complete | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 31 | Indigenous Engagement | CER | IR #2 | Provide draft of cultural training online document for their input to: Cold Lake First Nation, Metis Nation - Saskatchewan, Waterhen Lake First Nation, Big Island lake First Nation, Metis Nation Alberta | | | Commitment Complete | |
| 32 | Indigenous Engagement | CER | IR #1 | Provide Cold lake First Nation with a copy of the ESA | | | Commitment Complete | |