Genesis Pipeline Canada Ltd. and NOVA Chemicals (Canada) Ltd.
Section 21 and 74 (1)(a) and 74 (1)(b) of NEB Act
Application – Jurisdictional Issues, Pipeline Transfer and Abandonment Funding
Request for Revisions and Amendments to Board Records
NEB File No.: OF-Fac-Oil-G062-2017-01 01
Filed 15 June 2017

Responses to Information Request No. 1 of the National Energy Board

General Matters

1.1 List of GPCL and NCCL Pipelines

Reference: (i) GPCL and NCCL, Request for Revisions and Amendments to Board Records, Letter to the National Energy Board, PDF Page X of 6, A84399-1

(ii) GPCL and NCCL, Request for Revisions and Amendments to Board Records, Appendix 1 – Addendum to NEB Compliance Meeting Report, PDF pages 1-2 of 2, A84399-3

Preamble: In Reference i), GPCL & NCCL (the Applicants) make multiple requests to ensure the Board's regulatory record is correct. The Applicants refer to incorrect statements made in Reference ii), a document provided by the Board in a compliance activity. The Board's official record differs from that provided in Reference ii) and the Board requires further clarification to determine the outstanding discrepancies between the requests made in Reference i) and the Board's records, if any

Request: a) Please review a summary of the Board's records shown in the attached Appendix 1 and provide edits to the table if necessary; and

b) If available, provide for each of the listed pipelines:

a. the pipe material;
b. material standard;
c. material pipe grade;
d. stress level (%);
e. pipeline joint type;
f. internal protection;
g. external coating type; and
h. start point and end point facilities.

Appendix 1

REGULATORY INSTRUMENT HOLDER	PIPELINE NAME	SEGMENT	STATUS	PRODUCT	LENGTH (KM)	OUTSIDE DIAMETER	WALL THICKNESS	MAXIMUM OPERATING PRESSURE	REGULARTORY INSTRUMENTS	NEB COMMENT	TYPE
GENESIS PIPELINE CANADA LTD. (G062)	12” BLUE WATER PIPELINE		Operating	Natural Gas	0.06982	323.90	9.50	6620	AO-002-XG-S119-023-1995,GPLO-S119-3-95,AO-001-XG-S119-023-1995,XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86	Operating (Verification required), also known as LINE 20 or Spare Line	Gas
GENESIS PIPELINE CANADA LTD. (G062)	12” BLUE WATER ST. CLAIR RIVER CROSSING		Operating	Natural Gas	0.77739	323.90	0.00	9930	AO-002-XG-S119-023-1995,GPLO-S119-3-95,AO-001-XG-S119-023-1995,XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86	Operating (Verification required), also known as LINE 20 or Spare Line	Gas
GENESIS PIPELINE CANADA LTD. (G062)	6” ETHYLENE PIPELINE FROM ST.CLAIR RIVER TO SARNIA	ETHYELENE RIVER CROSSING	Deactivated	NGL-HVP (Ethane)	7.99413	168.30	0.00	9930	MO-028-2016,GPLO-N132-14-2003,XG-N132-037-2003,MO-1-91,MO-2-91,MO-3-91,MO-4-91,OPLO-A112-4-88,AO-1-XO-1-86,MO-21-87,XG-5-87,OPLO-P61-13-86,XO-1-86	Deactivated (Verification required), also known as LINE 18	Oil
GENESIS PIPELINE CANADA LTD. (G062)	6" PROPYLENE PIPELINE FROM ST.CLAIR RIVER TO SARNIA	PROPYLENE RIVER CROSSING	Deactivated	NGL-HVP (Propane, Butane)	7.99951	168.30	0.00	9930	MO-029-2016,GPLO-N132-14-2003,XG-N132-037-2003,MO-1-91,MO-2-91,MO-4-91,OPLO-A112-4-88,AO-1-XO-1-86,MO-21-87,XG-5-87,XO-1-86	Deactivated (Verification required), also known as LINE 19	Oil

REGULATORY INSTRUMENT HOLDER	PIPELINE NAME	SEGMENT	STATUS	PRODUCT	LENGTH (KM)	OUTSIDE DIAMETER	WALL THICKNESS	MAXIMUM OPERATING PRESSURE	REGULARTORY INSTRUMENTS	NEB COMMENT	TYPE
GENESIS PIPELINE CANADA LTD. (G062)	8" BRINE PIPELINE FROM CORUNNA SITE TO ST. CLAIR MI		Operating	Water Salt	13.70880	152.40	0.00	9930	MO-3-91,MO-4-91	Operating (Verification required), also known as LINE 39, built according to 1991-P-235	Commodity
GENESIS PIPELINE CANADA LTD. (G062)	8" NGL PIPELINE FROM ST. CLAIR RIVER TO SARNIA	NGL RIVER CROSSING	Operating	NGL-HVP (Ethane)	7.20641	219.10	0.00	9930	XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86	Operating (Verification required), also known as LINE 16A	Oil
GENESIS PIPELINE CANADA LTD. (G062)	DOW STORAGE FACILITIES TIE-IN		Operating	Natural Gas Liquids	0.00625	219.00	0.00	9930	XO-G62-35-93	Operating (Verification required), also known as LINE 16B	Oil
GENESIS PIPELINE CANADA LTD. (G062)	GENESIS LINE 20 EXTENSION		Operating	NGL-HVP (Ethane)	7.06536	273.00	12.70	9930	XO-G062-009-2012	Also known as LINE 20A	Oil
GENESIS PIPELINE CANADA LTD. (G062)	GENESIS LINE 20 EXTENSION ETHANE STORAGE		Operating	NGL-HVP (Ethane)	1.97864	273.00	12.70	9930	XO-G062-009-2012	Also known as LINE 20B	Oil
NOVACOR CHEMICALS (CANADA) LTD. (N126)	NOVACOR POLYSAR PLANT/ST. CLAIR RIVER		Operating	NGL-HVP (Propane, Butane)	0.96346	273.10	0.00	9928	AO-1-XG-2-88,MO-9-93,OPLO-D7-7-88,XG-2-88	Also known as Line 33	Oil

Response (a)(b):

Please refer to the table titled *Appendix 1 from NEB IR No. 1 Amended by Genesis Pipeline Canada Ltd (GPCL) and NOVA Chemicals (Canada) Ltd. (NCCL)* for the edits and suggestions made to Appendix 1, as well as the additional requested information in part (b). Edits and comments from GPCL/NCCL are shown in red font. The international boundary in the middle of the St. Clair River (between the United States and Canada) is used as the start/end point of NEB jurisdiction and the pipeline lengths reflect this for Pipelines 16A, 18, 19, 20 and 39.

Pipeline 16 does not appear in Appendix 1. Paragraphs 34–39 of the GPCL/NCCL formal application [A84447-2] explain why Pipeline 16 is in part NEB-regulated due to the Ontario Energy Board relinquishing the regulation of the section that transfers product to Pipeline 16A (and on to Marysville, MI) to the NEB as part of an international pipeline. The section of Pipeline 16 that travels from NOVA Chemicals Corunna Site to the LaSalle Compound, where it connects to Pipeline 16A, is NEB-regulated and owned by GPCL by way of the Orders mentioned in the application. The Applicants have therefore added the NEB-regulated section of Pipeline 16 to *Appendix 1*.

REGULATORY INSTRUMENT HOLDER	PIPELINE NAME	SEGMENT	STATUS	PRODUCT	LENGTH (KM) UNDER NEB JURISDICTION	OUTSIDE DIAMETER (MM)	WALL THICKNESS (MM)	MAXIMUM OPERATING / DESIGN-PRESSURE (kPa)	REGULATORY INSTRUMENTS	NEB COMMENT / PIPELINE REFERENCE NUMBER	TYPE	PIPE MATERIAL	MATERIAL STANDARD	MATERIAL PIPE GRADE	STRESS LEVEL % (% OF SPECIFIED MINIMUM YIELD STRENGTH (SMYS) AT DESIGN PRESSURE (DP) AND NORMAL OPERATING PRESSURE (NOP))	PIPELINE JOINT TYPE	INTERNAL PROTECTION	EXTERNAL COATING TYPE	START POINT FACILITY	END POINT FACILITY	COMMENTS FROM GPCL/NCCL
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 12" BLUE WATER PIPELINE GPCL/NCCL: PIPELINE 20	GPCL/NCCL: NEW SEGMENT OF PL 20	Operating	NEB: Natural Gas GPCL/NCCL: NGL-HVP (Ethane)	NEB: 0.06982 GPCL/NCCL: 0.092	323.90	NEB: 9.5 GPCL/NCCL: 12.7	NEB: 6620 GPCL/NCCL: 9930	NEB: AO-002-XG-S119-023-1995,GPLO-S119-3-95,AO-001-XG-S119-023-1995,XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86 GPCL/NCCL: Add Orders XO-G062-2012 and MO-008-2015 (abandonment funding), remove AO-002-XG-S119-023-1995, GPLO-S119-3-95, AO-001-XG-S119-023-1995 and XG-S119-023-1995 as they only are related to the river crossing segment of this pipeline	NEB: Operating (Verification required), also known as LINE 20 or Spare Line GPCL/NCCL: Confirmed Operating, Confirmed also known as Line 20, remove reference to Spare Line	NEB: Gas GPCL/NCCL: Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1	GPCL/NCCL: Gr. 359 12" OD x 0.500" wall thickness, Category II (52,000 Y.S)	GPCL/NCCL: 35% of SMYS at D.P.; 25% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Fusion Bonded Epoxy	GPCL/NCCL: Tie-into River Crossing segment of PL 20 approx. 30 m west of the Canadian St. Clair River Crossing Valve Pit	GPCL/NCCL: Fairview Compound	1. This pipeline and the pipeline in the row below are both Pipeline (PL) 20 and we don't differentiate between the two. This new section of PL 20 was a replacement of the existing section of PL 20 between 30 m west of the Canadian St. Clair River Crossing Valve Pit and the Fairview Compound.
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 12" BLUE WATER ST. CLAIR RIVER CROSSING GPCL/NCCL: PIPELINE 20	GPCL/NCCL: RIVER CROSSING SEGMENT OF PL 20	Operating	NEB: Natural Gas GPCL/NCCL: NGL-HVP (Ethane)	NEB: 0.77739 GPCL/NCCL: 0.53	323.90	NEB: 0 GPCL/NCCL: 10.3	9930	NEB: AO-002-XG-S119-023-1995,GPLO-S119-3-95,AO-001-XG-S119-023-1995,XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86 GPCL/NCCL: Add the following Orders: MO-8-95 (for the lease of the PL in 1995), XO-G062-2012 (for the increase in MOP and change in service) and MO-008-2015 (abandonment funding)	NEB: Operating (Verification required), also known as LINE 20 or Spare Line GPCL/NCCL: Confirmed Operating, Confirmed also known as Line 20, remove reference to Spare Line	NEB: Gas GPCL/NCCL: Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1M-1982	GPCL/NCCL: API-5LX-52 x 0.406" wall thickness	GPCL/NCCL: 44% of SMYS at D.P.; 30% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Fusion Bonded Epoxy	GPCL/NCCL: International Boundary under St Clair River	GPCL/NCCL: Tie-in to new segment of PL 20 approx. 30 m west of Canadian St. Clair River Crossing Valve Pit	1. This row references PL 20, as does the row above. When the Genesis Pipeline Extension was constructed (Order XO-G062-2012) , the existing river crossing section of PL 20 was repurposed and a new section of NPS 12 pipeline replaced an existing section of PL 20 from the 30 m west of the Canadian St. Clair River Crossing Valve Pit to the Fairview Compound. Therefore PL 20 does have an existing section of pipe that extends just beyond the river crossing to 30 m west of the Canadian St. Clair River Crossing Valve Pit (this row), then a new section to the Fairview compound before it ties into PL 20A (the row above). 2. The pipeline originates in a compound in Marysville, Michigan however the starting point for NEB-jurisdiction is the international boundary
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 6" ETHYLENE PIPELINE FROM ST.CLAIR RIVER TO SARNIA GPCL/NCCL: PIPELINE 18	NEB: ETHYLENE RIVER CROSSING GPCL/NCCL: CANADIAN SEGMENT OF PL 18 (CDN PL 18) & RIVER CROSSING SEGMENT OF PL 18 (RC PL 18)	Deactivated	NEB: NGL-HVP (Ethane) GPCL/NCCL: Formerly Ethylene now under Nitrogen blanket	NEB: 7.99413 GPCL/NCCL: 6.97	168.30	NEB: 0 GPCL/NCCL: CDN PL 18 - 4.78 RC PL 18 - 7.11	9930	NEB: MO-028-2016,GPLO-N132-14-2003,XG-N132-037-2003,MO-1-91,MO-2-91,MO-3-91,MO-4-91,OPLO-A112-4-88,AO-1-XO-1-86,MO-21-87,XG-5-87,OPLO-P61-13-86,XO-1-86 GPCL/NCCL: Remove OPLO-P61-13-86 and add MO-008-2015 (abandonment funding)	NEB: Deactivated (Verification required), also known as LINE 18 GPCL/NCCL: Confirmed	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: CDN PL 18 - API-5LX-52 x 0.188" wall thickness / RC PL 18 - API-5LX-42 x 0.280" wall thickness	GPCL/NCCL: CDN PL 18 - 49% of SMYS at D.P; 21% of SMYS at NOP; RC PL 18 - 41% of SMYS at D.P; 18% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: CDN PL 18 - Shaw Yellow Jacket #1 RC PL 18 - Fusion Bonded Epoxy	GPCL/NCCL: NOVA Chemicals Corunna Site	GPCL/NCCL: International Boundary under the St. Clair River	1. OPLO-P61-13-86 applies to PLs 16, 16A and 20 only, not 18. 2. XG-N132-37-2003 and GPLO-N132-14-2003 were issued to NOVA Chemicals (Canada) Ltd. but should have been to Genesis Pipeline Canada Ltd. (see filing A84399-1 - item 1 under Facts and Corrections Requested). 3. The pipeline terminates at a compound in Marysville, Michigan however the ending point for NEB-jurisdiction is the international boundary. The Canadian segment of PL 18 (CDN PL 18) therefore starts at the NOVA Chemicals Corunna Site and ends at the St. Clair River Crossing Valve Pit where the material pipe grade and wall thickness change. PL 18 then continues to the international boundary in the St. Clair River (RC PL 18) where NEB-jurisdiction ends, then continues to Marysville, Michigan.
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 6" PROPYLENE PIPELINE FROM ST.CLAIR RIVER TO SARNIA GPCL/NCCL: PIPELINE 19	NEB: PROPYLENE RIVER CROSSING GPCL/NCCL: CANADIAN SEGMENT OF PL 19 (CDN PL 19) & RIVER CROSSING SEGMENT OF PL 19 (RC PL 19)	Deactivated	NEB: NGL-HVP (Propane, Butane) GPCL/NCCL: Formerly Propylene now under Nitrogen blanket	7.99951 GPCL/NCCL: 6.97	168.30	NEB: 0 GPCL/NCCL: CDN PL 19 - 4.78 RC PL 19 - 7.11	9930	NEB: MO-029-2016,GPLO-N132-14-2003,XG-N132-037-2003,MO-1-91,MO-2-91,MO-4-91,OPLO-A112-4-88,AO-1-XO-1-86,MO-21-87,XG-5-87,XO-1-86 GPCL/NCCL: Add Orders MO-3-91 and MO-008-2015 (abandonment funding)	NEB: Deactivated (Verification required), also known as LINE 19 GPCL/NCCL: Confirmed	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: CDN PL 19 - API-5LX-52 x 0.188" wall thickness / RC PL 19 - API-5LX-42 x 0.280" wall thickness	GPCL/NCCL: CDN PL 19 - 49% of SMYS at D.P; 13% of SMYS at NOP; RC PL 19 - 41% of SMYS at D.P; 11% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: CDN PL 19 - Shaw Yellow Jacket #1 RC PL 19 - Fusion Bonded Epoxy	GPCL/NCCL: NOVA Chemicals Corunna Site	GPCL/NCCL: International Boundary under the St. Clair River	1. MO-3-91 applies to this pipeline as well 2. XG-N132-37-2003 and GPLO-N132-14-2003 were issued to NOVA Chemicals (Canada) Ltd. but should have been to Genesis Pipeline Canada Ltd. (see filing A84399-1 - item 1 under Facts and Corrections Requested). 3. The pipeline terminates at a compound in Marysville, Michigan however the ending point for NEB-jurisdiction is the international boundary. The Canadian segment of PL 19 (CDN PL 19) therefore starts at the NOVA Chemicals Corunna Site and ends at the St. Clair River Crossing Valve Pit where the material pipe grade and wall thickness change. PL 19 then continues to the international boundary in the St. Clair River (RC PL 19) where NEB-jurisdiction ends, then continues to Marysville, Michigan.
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 8" BRINE PIPELINE FROM CORUNNA SITE TO ST. CLAIR MI GPCL/NCCL: PIPELINE 39		Operating	NEB: Water Salt GPCL/NCCL: Brine	NEB: 13.7088 GPCL/NCCL: 12.03	NEB: 152.40 GPCL/NCCL: 168.30	NEB: 0 GPCL/NCCL: 15.29	NEB: 9930 GPCL/NCCL: 1103	MO-3-91,MO-4-91 GPCL/NCCL: Add MO-008-2015 (abandonment funding)	NEB: Operating (Verification required), also known as LINE 39, built according to 1991-P-235 GPCL/NCCL: Confirmed	Commodity	GPCL/NCCL: SDR-11 High Density Polyethylene (HDPE)	GPCL/NCCL: PE-3408, SDR-11	GPCL/NCCL: Not applicable to HDPE Pipe	GPCL/NCCL: Not applicable to HDPE Pipe	GPCL/NCCL: welded using the Polyethylene Fusion Welding Process	GPCL/NCCL: Not applicable to HDPE pipe	GPCL/NCCL: Not applicable to HDPE pipe	GPCL/NCCL: NOVA Chemicals Corunna Site	GPCL/NCCL: International Boundary under the St. Clair River	1. The HDPE pipeline is 6", not 8" per Pipeline Name column. 2. The pipeline terminates in St. Clair, Michigan however the ending point for NEB-jurisdiction is the international boundary

REGULATORY INSTRUMENT HOLDER	PIPELINE NAME	SEGMENT	STATUS	PRODUCT	LENGTH (KM) UNDER NEB JURISDICTION	OUTSIDE DIAMETER (MM)	WALL THICKNESS (MM)	MAXIMUM OPERATING / DESIGN-PRESSURE (kPa)	REGULATORY INSTRUMENTS	NEB COMMENT / PIPELINE REFERENCE NUMBER	TYPE	PIPE MATERIAL	MATERIAL STANDARD	MATERIAL PIPE GRADE	STRESS LEVEL % (% OF SPECIFIED MINIMUM YIELD STRENGTH (SMYS) AT DESIGN PRESSURE (DP) AND NORMAL OPERATING PRESSURE (NOP))	PIPELINE JOINT TYPE	INTERNAL PROTECTION	EXTERNAL COATING TYPE	START POINT FACILITY	END POINT FACILITY	COMMENTS FROM GPCL/NCCL
GENESIS PIPELINE CANADA LTD. (G062)	NEB: 8" NGL PIPELINE FROM ST. CLAIR RIVER TO SARNIA GPCL/NCCL: PIPELINE 16A	NEB: NGL RIVER CROSSING GPCL/NCCL: CANADIAN SEGMENT OF PL 16A (CDN PL 16A) & RIVER CROSSING SEGMENT OF PL 16A (RC PL 16A)	Operating	NEB: NGL-HVP (Ethane) GPCL/NCCL: NGL-HVP (Propane, Butane)	7.20641 GPCL/NCCL: 1.6	219.10	NEB: 0 GPCL/NCCL: CDN PL 16A - 8.178 RC PL 16A - 6.35	9930	NEB: XG-S119-023-1995,MO-3-91,MO-4-91,AO-1-XO-1-86,OPLO-P61-13-86,XO-1-86 GPCL/NCCL: Add XG-N132-037-2003 and GPLO-N132-14-2003 for repairs and MO-008-2015 (abandonment funding)	NEB: Operating (Verification required), also known as LINE 16A GPCL/NCCL: Confirmed	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: CDN PL 16A - API-5LX-52 x 0.250 wall thickness / RC PL 16A - API-5LX-42 x 0.322" wall thickness	GPCL/NCCL: CDN PL 16A - 48% of SMYS at D.P.; 22% of SMYS at NOP; RC PL 16A - 46% of SMYS at D.P.; 21% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: CDN PL 16A - Shaw Yellow Jacket #1 RC PL 16A - Fusion Bonded Epoxy	GPCL/NCCL: NOVA Chemicals LaSalle Compound	GPCL/NCCL: International Boundary under the St. Clair River	1. XG-N132-37-2003 and GPLO-N132-14-2003 were issued to NOVA Chemicals (Canada) Ltd. but should have been to Genesis Pipeline Canada Ltd. (see filing A84399-1 - item 1 under Facts and Corrections Requested). 3. The pipeline terminates at a compound in Marysville, Michigan however the ending point for NEB-jurisdiction is the international boundary. The Canadian segment of PL 16A (CDN PL 16A) therefore starts at the NOVA Chemicals LaSalle Compound where it ties into Pipeline 16, and ends at the St. Clair River Crossing Valve Pit where the material pipe grade and wall thickness change. PL 16A then continues to the international boundary in the St. Clair River (RC PL 16A) where NEB-jurisdiction ends, then continues to Marysville, Michigan.
GENESIS PIPELINE CANADA LTD. (G062)	NEB: DOW STORAGE FACILITIES TIE-IN GPCL/NCCL: PIPELINE 16B		Operating	Natural Gas Liquids	NEB: 0.00625 GPCL/NCCL: 0.006	219.00	NEB: 0 GPCL/NCCL: 12.7	NEB: 9930 GPCL/NCCL: 10203	NEB: XO-G62-35-93	NEB: Operating (Verification required), also known as LINE 16B GPCL/NCCL: Confirmed	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: A106 Grade B Sch 80 (0.500")	GPCL/NCCL: 35% of SMYS at D.P.; 16% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Shaw Yellow Jacket #1	GPCL/NCCL: Pipeline 16	GPCL/NCCL: Pembina Pipeline Tie-in	This is aboveground only and located entirely within the Pembina Compound (formerly Dow Compound). It is the 6 m section of pipe that ties PL 16 to Pembina's pipeline
GENESIS PIPELINE CANADA LTD. (G062)	NEB: GENESIS LINE 20 EXTENSION GPCL/NCCL: PIPELINE 20A		Operating	NGL-HVP (Ethane)	NEB: 7.06536 GPCL/NCCL: 6.90	NEB: 273.00 GPCL/NCCL: 273.10	12.7	9930	NEB: XO-G062-009-2012 GPCL/NCCL: Add MO-008-2015 (abandonment funding)	NEB: Also known as LINE 20A	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.2-07	GPCL/NCCL: Gr. 359 10" OD x 0.500" wall thickness, Category II (52,000 Y.S)	GPCL/NCCL: 30% of SMYS at D.P.; 21% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Fusion Bonded Epoxy	GPCL/NCCL: Fairview Compound	GPCL/NCCL: NOVA Chemicals Corunna Site	
GENESIS PIPELINE CANADA LTD. (G062)	NEB: GENESIS LINE 20 EXTENSION ETHANE STORAGE GPCL/NCCL: PIPELINE 20B		Operating	NGL-HVP (Ethane)	NEB: 1.97864 GPCL/NCCL: 2.02	NEB: 273.00 GPCL/NCCL: 273.10	12.7	9930	NEB: XO-G062-009-2012 GPCL/NCCL: Add MO-008-2015 (abandonment funding)	NEB: Also known as LINE 20B	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.2-07	GPCL/NCCL: Gr. 359 10" OD x 0.500" wall thickness, Category II (52,000 Y.S)	GPCL/NCCL: 30% of SMYS at D.P.; 21% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Fusion Bonded Epoxy	GPCL/NCCL: NOVA Chemicals Corunna Site	GPCL/NCCL: Pembina	
NEB: NOVACOR CHEMICALS (CANADA) LTD. (N126) GPCL/NCCL: NOVA CHEMICALS (CANADA) LTD.	NEB: NOVACOR POLYSAR PLANT/ST. CLAIR RIVER GPCL/NCCL: PIPELINE 33		Operating	NGL-HVP (Propane, Butane)	NEB: 0.96346 GPCL/NCCL: 0.50	273.10	NEB: 0 GPCL/NCCL: 12.7	9928	NEB: AO-1-XG-2-88,MO-9-93,OPLO-D7-7-88,XG-2-88 GPCL/NCCL: Add OP-13-88	Also known as Line 33	Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: A106 Grade B Seamless (35,000 Y.S.)	GPCL/NCCL: 44% of SMYS at D.P.; 31% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Paint per NOVA Chemicals' standards for aboveground piping	GPCL/NCCL: Demarcation point with Plains Midstream's pipeline south of Plains Midstream's pig receiver on NOVA Chemicals Corunna Site	GPCL/NCCL: NOVA Chemicals in-plant metering skid north of tank-54	1. Part of the June 16, 2017 Application (see documents A8447-2 and A8447-6) included the request to transfer the ownership of this pipeline from NCCL to GPCL, pursuant to Section 74 of the NEB Act. Currently it is owned by NCCL and so that is what is reflected in the regulatory instrument holder column. See footnote 7 of A84447-2 regarding the name change from Novacor Chemicals (Canada Ltd.) to NCCL. 2. This section of pipeline is the end of what was once Dome's (now Plains Midstream's) pipeline. NOVA Chemicals purchased the part of this pipeline that was on its site and therefore PL 33 is entirely in-plant and aboveground
GPCL/NCCL: GENESIS PIPELINE CANADA LTD. (G062)	GPCL/NCCL: PIPELINE 16		GPCL/NCCL: Operating	GPCL/NCCL: NGL-HVP (Propane, Butane)	GPCL/NCCL: 5.15	GPCL/NCCL: 219.10	GPCL/NCCL: 8.178	GPCL/NCCL: 10203	GPCL/NCCL: MO-3-91,MO-4-91, OPLO-P61-13-86, XO-1-86	-	GPCL/NCCL: Oil	GPCL/NCCL: Carbon Steel	GPCL/NCCL: CSA Z245.1-M90	GPCL/NCCL: API-5LX-42 x 0.322" (Sch 40) wall thickness	GPCL/NCCL: 47% of SMYS at D.P.; 21% of SMYS at NOP	GPCL/NCCL: Butt welds	GPCL/NCCL: None	GPCL/NCCL: Shaw Yellow Jacket #1	GPCL/NCCL: NOVA Chemicals Corunna Site	GPCL/NCCL: NOVA Chemicals LaSalle Compound	1. Pipeline 16A is connected to Pipeline 16 at the LaSalle compound, which is where NEB-jurisdiction ends for the Pipeline. 2. The ownership of this section of Pipeline 16 is one of the subjects in filing document A84447-2 Application and A8447-7 Appendix 5