

PEMBINA PIPELINE CORPORATION

PETROLEUM TOLL SCHEDULE

**TOLLS APPLYING TO
THE
TRANSPORTATION
OF
PETROLEUM
ON THE BRAZEAU PIPELINE SYSTEM**

Effective: May 1, 2013

ISSUED BY:

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1. **Rules and Regulations.** This Toll Schedule is subject to the Rules and Regulations governing the transportation of Petroleum effective as of January 1, 2013 and issued by Pembina Pipeline Corporation, as amended, supplemented, modified or replaced from time to time (the "**Rules and Regulations**"). Unless otherwise specified herein, in this Toll Schedule all words and terms defined in the Rules and Regulations shall have the meanings ascribed to them in the Rules and Regulations, and in this regard:

"**Carrier**" means Pembina Pipeline Corporation.

"**Delivery Point(s)**" means the following delivery points:

Dow Fort Saskatchewan
Provident Redwater

"**Petroleum**" means Crude Petroleum, Ethane Plus, Propane Plus, Butane and Condensate.

"**Pipeline System**" means the Brazeau Pipeline System.

"**Receipt Point(s)**" means the receipt points set forth in Section 5 of this Toll Schedule.

2. **Canadian Currency.** The tolls and other charges set forth in this Toll Schedule are references to and payable in Canadian dollars.
3. **Specifications.** Petroleum Tendered for transportation on the Pipeline System shall have the applicable specifications set forth in Appendix 1 to this Toll Schedule.
4. **Monthly Nomination Date.** The Monthly Nomination Dates are as published in the Crude Oil Logistics Committee calendar.
5. **Non-TA Shippers.** The tolls payable by non-TA Shippers for the receipt, transportation and delivery of Petroleum shall be as follows:

BRAZEAU SYSTEM TOLLS

Effective: May 1, 2013

The rates listed in this tariff apply to the gathering, transportation and delivery of natural gas liquids by pipeline to Bonnie Glen and Fort Saskatchewan from established receiving points on the Brazeau NGL System.

FACILITY CODE	RECEIPT POINTS	LSD	PRODUCT	TARIFF (\$/m ³)
0001628	ACHESON	06-02-053-26 W5M	Ethane Plus	\$4.40
0001357	BIGORAY	10-07-051-09 W5M	Ethane Plus	\$10.40
0001482	BLAZE 04-31	04-31-048-12W5M	Ethane Plus	\$11.50
0001662	CAROLINE GAS PLANT	12-34-034-06 W5M	Ethane Plus	\$13.72
0001908	CU GAS	01-03-055-22 W4M	Ethane Plus	\$0.50
0001547	GOLDEN SPIKE	08-27-051-27 W4M	Ethane Plus	\$4.95
0001970	O'CHIESE GAS PLANT	06-25-045-10 W5M	Ethane Plus	\$9.82
0001625	WEST PEMBINA 06-28	06-28-049-11 W5M	Ethane Plus	\$10.89
0001910	VILLENEUVE	08-05-054-26 W4M	Ethane Plus	\$4.40

- 6. Intra-System Transfers.** The charge payable by both the Transferor and the Transferee in respect of an intra-system transfer shall be \$200 for each transfer.
- 7. Minimum Tenders.** The minimum total volume for all Receipt Points that a Shipper can Tender for transportation by Petroleum type on the Pipeline System is 500 m³ per month. The charge applicable to Tenders that are below 500 m³ per month shall be \$7.22/m³ multiplied by the positive difference between 500 m³ and such Tender (expressed in m³).
- 8. Non-Performance Charge.** The Non-Performance Charge in respect of the Pipeline System shall be subject to a fee equal to Shipper's current posted toll plus 10%.
- 9. Loss Allowance.** All Brazeau System gains or losses shall be allocated to Shippers on a receipt basis.
- 10. Minimum Intervals.** Shipper shall not Tender Petroleum for transportation on the Pipeline System at intervals of less than 180 Days.
- 11. Overage or Shortage Fee.** The Overage or Shortage Fee in respect of the Pipeline System shall be the higher of :
 - (a) \$14.00/m³, or
 - (b) 10% of the arithmetic average of the settlement prices per m³ at West Texas Intermediate Light Sweet Crude Oil, for each Nomination Month Business Day in the Nomination Month, on the NYMEX (New York Mercantile Exchange) of the future contract for the first nearby Month.
- 12. Tolerance Margin.** Shipper Tolerance Margins are calculated by Petroleum type and are 0 m³ for each Shipper Tender for each Petroleum type.
- 13. New Shipper Fee.** New Shippers will provide Pembina Pipeline Corporation with a cheque in the amount of \$20,000 CDN as a deposit for Shipper Status. Pembina Pipeline Corporation may refund up to maximum of \$15,000 CDN which will be paid one year after the grant of Shipper Status by Pembina Pipeline Corporation. Pembina Pipeline Corporation will calculate the refund as a credit against sustained tariff revenue that was generated against the first year of service and Pembina Pipeline Corporation will pay by cheque after the anniversary date.
- 14. Demurrage Fee.** Any volumes of Petroleum which Shipper fails to remove from the Pipeline System or custody of Carrier upon Delivery (other than Non-Specification Petroleum and Retention Stock, which are specifically addressed in Sections 5.5 and 7.9 of the Rules and Regulations, respectively) shall be subject to a fee equal to the higher of
 - (a) \$20.00/m³, or
 - (b) 10% of the arithmetic average of the settlement prices per m³ at West Texas Intermediate Light Sweet Crude Oil, for each Nomination Month Business Day in the Nomination Month, on the NYMEX (New York Mercantile Exchange) of the future contract for the first nearby Month.
- 15. EDI Charge.** The Shipper shall pay \$0.20 per m³ on total receipts for each production Month.

APPENDIX 1

BRAZEAU PIPELINE SYSTEM PETROLEUM SPECIFICATIONS

BRAZEAU PIPELINE PETROLEUM SPECIFICATIONS	ETHANE PLUS
Density (in kg/m ³ at 15°C and in the liquid phase for Ethane Plus and Propane Plus Products)	529 – 440
Vapour Pressure (in kPa at 15°C)	◀3500
Vapour Pressure (in kPa at 37.8°C by ASTM D1267)	N/A
Receipt Temperature (in °C)	20 (max.) 0.0 (min.)
Methane to Ethane Ratio (as % of Ethane in mol% by GPA-2177)	◀2.5
Methane to Propane Ratio (as a % of Propane mol% by GPA-2177)	N/A
Ethane to Propane Ratio (as % of Propane Content in mol% by GPA-2177)	N/A
Copper Strip (by ASTM D-1838)	N/A
Moisture Content	No Free Water at -29°C & 9930 Kpa
Colour (by ASTM D1500)	◀ 0.5
Total Sulphur (in mg/kg S by ASTM D5623)	◀90
Carbonyl Sulphide (in mg/kg by ASTM D5623)	◀60
NOTES:	
<p>In addition to the above specifications, Ethane Plus and Propane Plus Mixes must be commercially free from sand, dust, gums and gum forming substances, catalyst poisons, impurities and other objectional or deleterious substances which may be injurious to process equipment or pipelines, or which may interfere with the product's transmission through pipelines.</p> <p>The symbol "◀" designates less than and "▶" designates greater than.</p>	