

Run Date: 04 April 2019

Supply and Disposition of Sulphur Unit = Tonnes

Year To Date

See Manual 011: How to Submit Volumetric Data to the AER for definitions of the codes used below

Feb 2018 SUPPLY Opening Inventory FROM Volumetric Summary Activity Table INVOP Year to date opening inventory is from January Production Plant/Gathering System Process FROM Volumetric Summary Activity Table TOTPROC Oil Sands Facility Process FROM Volumetric Summary Activity Table TOTPROD FROM Volumetric Reporting Activity Table Source=ABOT, ACTIVITY=REC, Dest=ABRF \*\*\* this is how PETRINEX handles Refinery Sulphur production Refinery Process Total Production CALCULATED: Sum of Production volumes Intra-Alberta Receipts FROM Volumetric Reporting Activity Table Source=ABOT, ABGE or ABMC, ACTIVITY=REC, Dest=AB\_Facility FROM Volumetric Reporting Activity Table Source=^AB, ACTIVITY=REC, Dest=AB Facility Imports Processing Flare/Waste FROM Volumetric Summary Activity Table FLARWAST \*\*\* displayed on ST3 as negative value, stored on database as positive value Closing Inventory FROM Volumetric Summary Activity Table INVCL Year to date closing inventory is from the most current month reporting FROM Volumetric Summary Activity Table INVADJ (can be either positive or negative) PLUS IMBAL (can be either positive or negative) PLUS DIFF (can be either positive or negative) Adjustments TOTAL SUPPLY CALCULATED: Opening Inventory PLUS Total Production PLUS Imports PLUS Intra-Alberta Receipts PLUS Flare/Waste(negative) SUBTRACT Closing Inventory PLUS Adjustments (IMBAL/DIFF/Inventory Adj) DISPOSITION FROM Volumetric Summary Activity Table TOTDISP SUBTRACT FROM Volumetric Reporting Activity Table Source=AB Facility, ACTIVITY=DISP, Dest=Not AB (Removals) Alberta Other Sales SUBTRACT FROM Volumetric Reporting Activity Table Source=AB\_Facility (not ABOT, ABMC, ABGE), ACTIVITY=REC (Receipt Transfers) Other Canada Removals British Columbia FROM Volumetric Reporting Activity Table Source=AB Facility, ACTIVITY=DISP, Dest=BC Saskatchewan FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=SK Manitoha FROM Volumetric Reporting Activity Table Source=AB Facility, ACTIVITY=DISP, Dest=MB Ontario FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=ON Quebec FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=QC Maritimes FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=NL, NB, NS, PE NWT Yukon Nunavut FROM Volumetric Reporting Activity Table Source=AB Facility, ACTIVITY=DISP, Dest=NT, NU, YT **Total Other Canada Removals** CALCULATED: Sum of Other Canada USA Removals PADD 1 FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=CT, DC, DE, FL, GA, MA, MD, ME, NC, NH, NJ, NY, PA, RI, SC, VA, VT, WV® PADD 2 FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, OK, SD, TN, WIE PADD 3 FROM Volumetric Reporting Activity Table Source=AB Facility, ACTIVITY=DISP, Dest=AL, AR, LA, MS, NM, TXI PADD 4 FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=CO, ID, MT, UT, WY FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=AK, AZ, CA, HI, NV, OR, WAZ PADD 5 Total USA Removals CALCULATED: Sum of USA Removals Offshore Removals FROM Volumetric Reporting Activity Table Source=AB\_Facility, ACTIVITY=DISP, Dest=OS CALCULATED: Sum of Other Canada Removals and USA Removals and Offshore Removals Total Removals From Alberta Reporting Adjustment CALCULATED: Total Disposition SUBTRACT Total Supply CALCULATED: Total Reporting Adjustment DIVIDED BY Total Supply (shown as percentage) CALCULATED: Sum of Alberta Other Sales and Total Removals from Alberta TOTAL DISPOSITION

NOTE: Removals refers to the reported disposition to the first destination outside of Alberta. This may not be the final market.



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Run Date: 04 April 2019 Year To Date Jan Feb Mar Apr May Jun Aug Sep Dec 2018 SUPPLY Opening Inventory 11,415,357.4 11,396,855.0 11,422,359.2 11,407,210.8 11,360,624.1 11,363,958.4 11,366,495.2 11,385,598.4 11,384,261.6 11,462,292.8 11,457,700.6 11,455,535.8 11,415,357.4 Production 144,252.3 133,477.4 148,072.7 134,840.2 121,357.1 111,789.0 123,193.8 137,631.6 132,953.8 142,029.6 131,461.0 139,972.6 Plant/Gathering System Process 1.601.031.1 Oil Sands Facility Process 194,758.3 193,341.0 201,956.7 142,433.8 176,143.3 188,485.3 181,851.2 208,483.1 164,194.3 220,917.1 229,636.2 230,307.5 2,332,507.8 12,658.4 12,397.9 12,342.7 1,364.3 1,593.5 12,187.3 13,684.6 11,079.8 11,936.9 10,897.9 126,516.7 Refinery Process 13,121.0 13,252.4 Total Production 351,669.0 339.216.3 362.372.1 278.638.3 299.093.9 312.461.6 318.729.6 357.194.5 309.085.0 376,067.7 374.349.6 381.178.0 4.060.055.6 Intra-Alberta Receipts 7,788.7 10,600.2 9,901.5 16,081.8 11,202.9 7,310.6 20,700.1 15,781.8 16,094.2 10,961.8 11,499.6 8,675.7 146,598.9 Imports 162.7 162.7 Processing Flare/Waste (1,223.2) (981.4) (1,195.1) (1,389.0) (1,093.5) (1,087.3) (1,029.7) (1,717.1) (1,030.7) (920.1) (1,331.8) (1,031.3) (14,030.2) Closing Inventory 11,396,855.0 11,422,359.2 11,407,210.8 11,360,624.1 11,363,958.4 11,366,495.2 11,385,598.4 11,384,261.6 11,462,292.8 11,457,700.6 11,458,979.8 11,467,423.6 11.467.423.6 Adjustments 2,619.5 4,789.8 (2.2)(2,249.1)11,460.9 120.5 3,222.2 (1,644.0) 118,056.2 (4,675.3) (335.4) (1,355.6) 130,007.5 TOTAL SUPPLY 379,356.4 328.120.7 386.224.7 337.668.7 317.329.9 316,431.3 322,519.0 370,952.0 364,173.5 386.026.3 382.902.8 375.579.0 4,267,284.3 DISPOSITION Alberta Other Sales 117,864.9 104,308.0 139,813.0 121,430.9 124,543.9 129,311.5 96,968.1 130,919.3 148,576.4 158,199.8 173,820.0 135,622.5 1,581,378.3 Other Canada Removals British Columbia 13,594.2 13,049.5 14,241.2 16,211.4 12,995.7 10,804.8 12,850.4 15,197.2 16,026.4 17,207.6 17,990.8 17,774.0 177,943.2 Saskatchewan Manitoba Ontario Quebec Maritimes NWT Yukon Nunavut **Total Other Canada Removals** 13,594.2 13,049.5 14,241.2 16,211.4 12,995.7 10,804.8 12,850.4 15,197.2 16,026.4 17,207.6 17,990.8 17,774.0 177,943.2 USA Removals PADD 1 53,226.8 43,398.4 43,309.1 45,008.3 67.989.3 66,879.4 48,574.1 64,286.1 32,887.9 69,158.8 56,786.7 56,084.5 647,589.4 PADD 2 PADD 3 48.898.9 47,039.4 52,035.1 35,727.6 42,719.1 51,426.8 49,330.5 53.546.1 47,715.2 46,947.9 53,150.5 56,055.8 584,592.9 DADD 4 PADD 5 **Total USA Removals** 102,125.7 90,437.8 95,344.2 80,735.9 110,708.4 118,306.2 97,904.6 117,832.2 80,603.1 116,106.7 109,937.2 112,140.3 1,232,182.3 145,771.6 120,325.4 69,081.9 58,008.8 114,795.9 107,003.3 118,967.6 Offshore Removals 136.826.3 119,290.5 94,512.2 81,154.8 110,042.2 1,275,780.5 Total Removals From Alberta 261.491.5 223.812.7 246,411,7 216.237.8 192.786.0 187.119.8 225.550.9 240.032.7 215.597.1 227.826.5 209.082.8 239.956.5 2.685.906.0 Reporting Adjustment 0.0 0.0 (0.0)0.0 (0.0)0.0 (0.0)0.0 (0.0)0.0 (0.0)0.0 0.0 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% as percent TOTAL DISPOSITION 379,356.4 328,120.7 386,224.7 337,668.7 317,329.9 316,431.3 322,519.0 370,952.0 364,173.5 386,026.3 382,902.8 375,579.0 4,267,284.3

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