



**Supply and Disposition of NGL**  
Unit = m3

CO2-mx', 'C1-mx', 'C2-mx', 'C3-mx', 'C4-mx', 'IC4-mx', 'NC4-mx', 'C5-mx', 'IC5-mx', 'NC5-mx', 'C6-mx',  
butane-mx', 'eth+', 'ethane-mx', 'lite-mx', 'ltmix', 'pent+', 'pentane-mx', 'propane-mx', 'litemx'

Run Date:

Year To Date

**Supply**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date	
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 Reporting Activity Table											Source=ABOS, ACTIVITY=REC	*** ABOS facilities do not report into PETRINEX therefore this represents their process output	
Fractionation Yield	FROM Volumetric Summary Activity Table											TOTFRAC		
Refinery Process	FROM Volumetric Reporting Activity Table											Source=ABOT, ACTIVITY=REC, Dest=ABRF	*** this is how Petrinex handles Refinery production	
<b>Total Production</b>	<b>CALCULATED: Sum of Production volumes</b>													
Intra-Alberta Receipts	FROM Volumetric Reporting Activity Table											Source=ABOT (and Dest not ABRF), ABGE or ABMC, ACTIVITY=REC, Dest=AB_Facility		
Flare/Fuel/Vent	FROM Volumetric Summary Activity Table											FLARE, FUEL, VENT		
Imports	FROM Volumetric Reporting Activity Table											Source=^AB, ACTIVITY=REC, Dest=AB_Facility		
Closing Inventory	FROM Volumetric Summary Activity Table											INVCL	Year to date closing inventory is from the most current month reporting	
Adjustments	FROM Volumetric Summary Activity Table											INVADJ (can be either positive or negative)	PLUS FROM Volumetric Summary Activity Table	IMBAL (can be either positive or negative)
<b>TOTAL SUPPLY</b>	<b>CALCULATED: Opening Inventory PLUS Total Production SUBTRACT Closing Inventory PLUS Adjustments PLUS Flare (as negative value) PLUS Imports</b>													

**Disposition**

Alberta Use															
NGL Reported as Oil & Equivalent	FROM Volumetric Summary Activity Table											Sum of all facilities: NGL supply - NGL disposition			
NGL Injection	FROM Volumetric Reporting Activity Table											ACTIVITY=DISP, Dest=ABIF	PLUS FROM Volumetric Reporting Activity Table	ACTIVITY=INJ	*** ASSUMES ALL NGL VOLUMES SENT TO INJECTION FACILITIES ARE USED FOR SOLVENT INJECTION
Oil Sands Facilities	FROM Volumetric Reporting Activity Table											ACTIVITY=DISP, Dest=ABOS			
Alberta Other Sales	FROM Volumetric Reporting Activity Table											Source=AB_Facility, ACTIVITY=DISP, Dest=ABOT, ABGE or ABMC			
<b>Total Alberta Use</b>	<b>CALCULATED: NGL reported as Oil PLUS NGL/Solvent Injection PLUS Oil Sands Facilities PLUS Alberta Other Sales</b>														
<b>Total Removals From Alberta</b>	<b>CALCULATED: Sum of Other Canada and NEB Inventory and Removals volumes and USA Removals and Offshore Removals</b>														
Reporting Adjustment as percent	<b>CALCULATED: Total Supply SUBTRACT Alberta Use SUBTRACT Total Removals from Alberta</b>														
	<b>CALCULATED: Reporting Adjustment DIVIDED BY TOTAL SUPPLY AS PERCENT VALUE</b>														
<b>TOTAL DISPOSITION</b>	<b>CALCULATED: EQUAL to TOTAL SUPPLY</b>														

Note: All NGL removal volumes from Alberta are aggregated as specific destinations are not available.



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Unit = m3

Run Date: 28 February 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2017
<b>Supply</b>													
Opening Inventory	578,202.4	494,874.3	379,897.9	384,956.8	528,499.6	560,887.4	587,259.4	480,343.6	461,309.4	523,978.4	416,995.0	487,926.2	578,202.4
Production													
Plant/Gathering System Process	1,783,871.8	1,578,397.9	1,809,248.1	1,627,159.3	1,636,067.4	1,519,140.5	1,732,927.0	1,665,998.7	1,695,247.6	1,720,533.4	1,716,398.3	1,861,086.6	20,346,076.6
Oil Sands Facility Process	144,477.2	127,869.5	100,834.0	93,626.4	132,206.9	160,265.6	167,509.7	150,937.2	125,055.5	104,843.2	169,394.0	170,989.4	1,648,008.6
Fractionation Yield	(1,625,776.6)	(1,480,065.7)	(1,568,293.0)	(1,350,744.8)	(1,546,718.8)	(1,409,688.8)	(1,662,170.9)	(1,619,028.9)	(1,564,924.1)	(1,725,769.1)	(1,644,901.1)	(1,762,419.9)	(18,960,501.7)
Refinery Process	43,243.4	50,604.5	50,536.8	52,901.9	62,855.5	60,381.0	67,641.4	72,777.3	66,026.5	79,666.7	64,588.4	72,084.3	743,307.7
<b>Total Production</b>	<b>345,815.8</b>	<b>276,806.2</b>	<b>392,325.9</b>	<b>422,942.8</b>	<b>284,411.0</b>	<b>330,098.3</b>	<b>305,907.2</b>	<b>270,684.3</b>	<b>321,405.5</b>	<b>179,274.2</b>	<b>305,479.6</b>	<b>341,740.4</b>	<b>3,776,891.2</b>
Intra-Alberta Receipts	17,254.9	30,785.0	44,281.1	51,888.4	68,518.3	59,295.3	70,055.9	69,483.8	61,185.4	36,594.6	22,289.8	38,947.7	570,580.2
Flare/Fuel/Vent	-	-	-	-	-	-	-	-	-	-	-	-	-
Imports	245,347.2	220,489.3	241,886.8	222,414.0	225,886.7	150,704.0	197,400.4	266,854.4	263,659.9	314,649.3	317,402.2	343,764.3	3,010,458.5
Closing Inventory	494,874.3	379,897.9	384,956.8	528,499.6	560,887.4	587,259.4	480,343.6	461,309.4	523,978.4	416,995.0	487,926.2	607,862.9	607,862.9
Adjustments	(155,759.1)	(142,576.4)	(142,397.9)	(104,810.6)	(105,436.5)	(135,728.3)	(140,427.3)	(109,289.9)	(121,399.0)	(118,803.7)	(91,347.9)	(106,843.9)	(1,474,820.5)
<b>TOTAL SUPPLY</b>	<b>535,986.9</b>	<b>500,480.5</b>	<b>531,037.0</b>	<b>448,891.8</b>	<b>440,991.7</b>	<b>377,997.3</b>	<b>539,852.0</b>	<b>516,766.8</b>	<b>462,182.8</b>	<b>518,697.8</b>	<b>482,892.5</b>	<b>497,671.8</b>	<b>5,853,448.9</b>
<b>Disposition</b>													
Alberta Use													
NGL Reported as Oil & Equivalent	247.3	264.6	355.7	389.5	402.0	437.1	701.2	499.2	535.4	491.2	598.0	532.0	5,453.2
NGL Injection	54,793.5	43,114.7	36,819.4	16,789.9	16,665.4	17,955.0	14,140.0	13,192.2	8,308.5	12,402.4	11,494.1	14,107.5	259,782.6
Oil Sands Facilities	4,083.9	2,981.1	3,638.1	2,020.8	3,722.9	4,497.9	5,998.2	3,539.5	897.2	5,631.0	5,550.4	3,508.5	46,069.5
Alberta Other Sales	67,785.0	73,010.0	76,543.8	59,438.3	78,186.6	82,734.4	93,433.3	94,659.0	79,532.4	101,203.8	79,220.1	107,031.9	992,778.6
<b>Total Alberta Use</b>	<b>126,909.7</b>	<b>119,370.4</b>	<b>117,357.0</b>	<b>78,638.5</b>	<b>98,976.9</b>	<b>105,624.4</b>	<b>114,272.7</b>	<b>111,889.9</b>	<b>89,273.5</b>	<b>119,728.4</b>	<b>96,862.6</b>	<b>125,179.9</b>	<b>1,304,083.9</b>
Total Removals From Alberta	409,110.9	381,138.3	413,715.7	370,280.2	341,325.1	272,406.0	425,592.4	404,897.1	372,952.9	399,005.6	386,056.7	372,588.2	4,549,069.1
Reporting Adjustment as percent	(33.7) -0.01%	(28.2) -0.01%	(35.7) -0.01%	(26.9) -0.01%	689.7 0.16%	(33.1) -0.01%	(13.1) 0.00%	(20.2) 0.00%	(43.6) -0.01%	(36.2) -0.01%	(26.8) -0.01%	(96.3) -0.02%	295.9 0.01%
<b>TOTAL DISPOSITION</b>	<b>535,986.9</b>	<b>500,480.5</b>	<b>531,037.0</b>	<b>448,891.8</b>	<b>440,991.7</b>	<b>377,997.3</b>	<b>539,852.0</b>	<b>516,766.8</b>	<b>462,182.8</b>	<b>518,697.8</b>	<b>482,892.5</b>	<b>497,671.8</b>	<b>5,853,448.9</b>

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