### Supply and Disposition of NGLs

**Unit = m³**

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

#### Supply

<table>
<thead>
<tr>
<th>Year To Date</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
</table>

**Opening Inventory**

FROM Volumetric Summary Activity Table

**INVOP**

Year to date opening inventory is from January

**Production**

FROM Volumetric Summary Activity Table

**TODP**

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

Refinement Yield

FROM Volumetric Summary Activity Table

**TODRY**

**Total Production**

CALCULATED: Sum of Production volumes

**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)

**SUBTRACT** **IMBAL** (can be either positive or negative)

**PLUS** **DIFF** (can be either positive or negative)

**TOTAL SUPPLY**

CALCULATED: Opening Inventory PLUS Total Production SUBTRACT Closing Inventory PLUS Adjustments PLUS Flare (as negative value) PLUS Imports

**Disposition**

**Alberta Use**

FROM Volumetric Summary Activity Table

**NGL Reported as Oil & Equivalent**

Sum of all facilities: NGL supply - NGL disposition

**NGL Injection**

FROM Volumetric Reporting Activity Table

**ACTIVITY=DISP, Dest=ABF**

PLUS FROM Volumetric Reporting Activity Table

**ACTIVITY=INV**

*** ASSUMES ALL NGL VOLUMES SENT TO INJECTION FACILITIES ARE USED FOR SOLVENT INJECTION

**Oil Sands Facilities**

FROM Volumetric Reporting Activity Table

**ACTIVITY=DSF, Dest=ABOS**

**Alberta Other Sales**

FROM Volumetric Reporting Activity Table

**Source=AB_Facility, ACTIVITY=DSF, Dest=ABOT, ABGE or ABMC**

**Total Alberta Use**

CALCULATED: NGL reported as Oil PLUS NGL/Solvent Injection PLUS Oil Sands Facilities PLUS Alberta Other Sales

**Total Removals from Alberta**

CALCULATED: Sum of Other Canada and NEB Inventory and Removals volumes and USA Removals and Offshore Removals

**Reporting Adjustment**

CALCULATED: Total Supply SUBTRACT Alberta Use SUBTRACT Total Removals from Alberta

CALCULATED: Reporting Adjustment DIVIDED BY TOTAL SUPPLY AS PERCENT VALUE

**TOTAL DISPOSITION**

CALCULATED: EQUAL to TOTAL SUPPLY

Note: All NGL removal volumes from Alberta are aggregated as specific destinations are not available.
## Supply and Disposition of NGL

**Unit = m³**

**Run Date: 04 April 2019**

### Supply

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Inventory</td>
<td>607,862.9</td>
<td>489,981.6</td>
<td>494,948.8</td>
<td>341,427.1</td>
<td>380,551.9</td>
<td>568,125.6</td>
<td>692,912.9</td>
<td>777,851.4</td>
<td>751,969.2</td>
<td>892,669.2</td>
<td>823,472.6</td>
<td>741,543.9</td>
</tr>
<tr>
<td>Production</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant/Gathering System Process</td>
<td>10,827,842.8</td>
<td>1,625,225.5</td>
<td>1,731,347.7</td>
<td>1,657,637.3</td>
<td>1,579,378.3</td>
<td>1,722,134.9</td>
<td>1,856,736.2</td>
<td>1,776,405.6</td>
<td>1,894,907.8</td>
<td>1,861,215.4</td>
<td>2,009,587.8</td>
<td>21,322,783.4</td>
</tr>
<tr>
<td>Oil Sands Facility Process</td>
<td>114,878.8</td>
<td>169,252.4</td>
<td>196,946.9</td>
<td>123,801.3</td>
<td>131,389.6</td>
<td>185,573.2</td>
<td>114,820.7</td>
<td>174,054.2</td>
<td>175,847.0</td>
<td>164,141.2</td>
<td>1,908,191.2</td>
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</tr>
<tr>
<td>Fractionation Yield</td>
<td>1,840,359.5</td>
<td>1,657,296.9</td>
<td>1,934,766.3</td>
<td>1,765,047.1</td>
<td>1,586,517.9</td>
<td>1,661,892.1</td>
<td>1,893,479.4</td>
<td>1,988,318.6</td>
<td>1,674,950.8</td>
<td>1,034,022.7</td>
<td>20,144,344.3</td>
<td>22,204,503.5</td>
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<tr>
<td>Refinery Process</td>
<td>83,323.3</td>
<td>79,125.7</td>
<td>88,421.5</td>
<td>35,560.4</td>
<td>60,874.7</td>
<td>63,241.7</td>
<td>63,824.4</td>
<td>70,131.8</td>
<td>67,921.2</td>
<td>67,614.5</td>
<td>6,000,587.8</td>
<td>773,403.8</td>
</tr>
<tr>
<td>Total Production</td>
<td>541,844.4</td>
<td>542,642.3</td>
<td>590,701.4</td>
<td>440,312.5</td>
<td>416,924.1</td>
<td>352,740.6</td>
<td>397,535.9</td>
<td>478,242.4</td>
<td>553,460.5</td>
<td>634,916.4</td>
<td>737,952.1</td>
<td>6,250,413.0</td>
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<tr>
<td>Intra-Alberta Receipts</td>
<td>45,167.8</td>
<td>50,363.3</td>
<td>67,043.2</td>
<td>49,835.2</td>
<td>31,653.2</td>
<td>60,306.1</td>
<td>57,710.2</td>
<td>65,578.0</td>
<td>70,339.9</td>
<td>56,637.2</td>
<td>60,737.2</td>
<td>60,737.2</td>
</tr>
<tr>
<td>Flare/Fuel/Vent</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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</tr>
<tr>
<td>Imports</td>
<td>338,638.8</td>
<td>316,960.2</td>
<td>292,968.1</td>
<td>344,520.2</td>
<td>354,168.1</td>
<td>344,390.8</td>
<td>386,721.5</td>
<td>373,425.9</td>
<td>374,764.7</td>
<td>399,367.7</td>
<td>368,410.8</td>
<td>434,975.9</td>
</tr>
<tr>
<td>Closing Inventory</td>
<td>489,981.6</td>
<td>494,948.8</td>
<td>341,427.1</td>
<td>380,551.9</td>
<td>568,125.6</td>
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<td>892,669.2</td>
<td>823,472.6</td>
<td>741,543.9</td>
<td>589,637.2</td>
</tr>
<tr>
<td>Adjustments</td>
<td>(145,528.9)</td>
<td>(36,022.5)</td>
<td>(53,782.0)</td>
<td>(40,676.4)</td>
<td>(8,633.9)</td>
<td>(60,718.8)</td>
<td>(104,458.9)</td>
<td>(37,351.4)</td>
<td>(25,531.9)</td>
<td>(14,563.4)</td>
<td>(527,738.0)</td>
<td></td>
</tr>
<tr>
<td>TOTAL SUPPLY</td>
<td>541,844.4</td>
<td>542,642.3</td>
<td>590,701.4</td>
<td>440,312.5</td>
<td>416,924.1</td>
<td>352,740.6</td>
<td>397,535.9</td>
<td>478,242.4</td>
<td>553,460.5</td>
<td>634,916.4</td>
<td>737,952.1</td>
<td>6,250,413.0</td>
</tr>
</tbody>
</table>

### Disposition

| Alberta Use | 504.7 | 430.5 | 510.9 | 507.0 | 567.5 | 446.0 | 481.1 | 485.5 | 23.4 | 123.9 | 569.2 | 552.0 | 5,201.7 |
| NGI Injection | 8,124.0 | 10,426.5 | 10,556.7 | 8,665.5 | 4,082.3 | 4,563.0 | 5,042.2 | 7,201.5 | 3,641.7 | 3,379.9 | 5,425.4 | 6,406.5 | 72,970.5 |
| Oil Sands Facilities | 4,012.8 | 2,754.0 | 3,471.6 | 4,404.9 | 2,453.3 | 1,634.8 | 2,551.4 | 3,357.7 | 3,246.3 | 5,443.7 | 5,052.2 | 2,977.8 | 45,058.2 |
| Alberta Other Sales | 109,948.7 | 106,124.2 | 121,603.0 | 66,194.7 | 48,190.0 | 68,952.0 | 91,612.3 | 122,391.9 | 121,170.8 | 119,365.5 | 124,487.1 | 163,726.7 | 1,256,765.2 |
| Total Alberta Use | 122,590.2 | 119,735.2 | 138,142.2 | 79,772.1 | 55,293.2 | 75,571.3 | 102,397.9 | 129,936.6 | 128,084.2 | 128,171.0 | 135,546.9 | 173,663.0 | 1,388,895.6 |
| Total Removals From Alberta | 419,291.3 | 422,937.7 | 452,615.0 | 360,573.4 | 361,665.7 | 277,201.0 | 295,177.7 | 348,321.6 | 425,425.4 | 506,813.9 | 427,656.6 | 564,347.5 | 4,862,026.8 |
| Reporting Adj as percent | -0.01% | -0.01% | -0.01% | -0.01% | -0.01% | -0.01% | -0.01% | 0.00% | -0.01% | -0.01% | -0.01% | -0.01% | -0.01% |
| TOTAL DISPOSITION | 541,844.4 | 542,642.3 | 590,701.4 | 440,312.5 | 416,924.1 | 352,740.6 | 397,535.9 | 478,242.4 | 553,460.5 | 634,916.4 | 737,952.1 | 6,250,413.0 |

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