

**INSITE PETROLEUM CONSULTANTS LTD.
FORECAST PRICES AND COSTS ASSUMPTIONS**

September 30, 2017

| YEAR | WTI @ | BRENT | CDN/US | WTI @ | EDM | HARDISTY | WESTERN | HEAVY | CONDEN- | BUTANE | PROPANE | ETHANE |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|
| | CUSHING | BLEND | EXCHANGE | CUSHING | REF | 25 API | CANADA | 12 API | SATE | | | |
| | \$/US/BBL | \$/US/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/C/BBL | \$/LT |
| 2017 | 50.00 | 53.06 | 0.780 | 64.10 | 59.60 | 46.60 | 45.60 | 36.60 | 65.56 | 41.72 | 29.80 | 6.90 |
| 2018 | 55.00 | 58.12 | 0.790 | 69.62 | 65.03 | 52.03 | 51.03 | 42.03 | 71.53 | 46.82 | 29.26 | 7.65 |
| 2019 | 60.00 | 63.18 | 0.800 | 75.00 | 70.32 | 57.32 | 56.32 | 47.32 | 77.35 | 50.63 | 28.13 | 8.50 |
| 2020 | 65.00 | 68.25 | 0.825 | 78.79 | 74.01 | 61.01 | 60.01 | 51.01 | 81.41 | 53.29 | 29.60 | 9.18 |
| 2021 | 70.00 | 73.31 | 0.840 | 83.33 | 78.46 | 65.46 | 64.46 | 55.46 | 86.31 | 56.49 | 31.38 | 10.00 |
| 2022 | 72.50 | 75.88 | 0.850 | 85.29 | 80.33 | 67.33 | 66.33 | 57.33 | 88.36 | 57.83 | 32.13 | 10.73 |
| 2023 | 75.00 | 78.45 | 0.850 | 88.24 | 83.17 | 70.17 | 69.17 | 60.17 | 91.48 | 59.88 | 33.27 | 11.22 |
| 2024 | 77.50 | 81.01 | 0.850 | 91.18 | 86.01 | 73.01 | 72.01 | 63.01 | 94.61 | 61.93 | 34.40 | 11.71 |
| 2025 | 80.00 | 83.59 | 0.850 | 94.12 | 88.85 | 75.85 | 74.85 | 65.85 | 97.73 | 63.97 | 35.54 | 12.20 |
| 2026 | 81.60 | 85.26 | 0.850 | 96.00 | 90.62 | 77.62 | 76.62 | 67.62 | 99.68 | 65.25 | 36.25 | 12.69 |
| 2027 | 83.23 | 86.96 | 0.850 | 97.92 | 92.43 | 79.43 | 78.43 | 69.43 | 101.68 | 66.55 | 36.97 | 12.95 |
| 2028 | 84.90 | 88.70 | 0.850 | 99.88 | 94.28 | 81.28 | 80.28 | 71.28 | 103.71 | 67.88 | 37.71 | 13.22 |
| 2029 | 86.59 | 90.48 | 0.850 | 101.88 | 96.17 | 83.17 | 82.17 | 73.17 | 105.79 | 69.24 | 38.47 | 13.50 |
| 2030 | 88.33 | 92.28 | 0.850 | 103.91 | 98.09 | 85.09 | 84.09 | 75.09 | 107.90 | 70.63 | 39.24 | 13.78 |
| 2031 | 90.09 | 94.13 | 0.850 | 105.99 | 100.05 | 87.05 | 86.05 | 77.05 | 110.06 | 72.04 | 40.02 | 14.07 |
| 2032 | 91.89 | 96.01 | 0.850 | 108.11 | 102.06 | 89.06 | 88.06 | 79.06 | 112.26 | 73.48 | 40.82 | 14.36 |
| 2033 | 93.73 | 97.93 | 0.850 | 110.27 | 104.10 | 91.10 | 90.10 | 81.10 | 114.51 | 74.95 | 41.64 | 14.66 |
| 2034 | 95.61 | 99.89 | 0.850 | 112.48 | 106.18 | 93.18 | 92.18 | 83.18 | 116.80 | 76.45 | 42.47 | 14.97 |
| YEAR | HENRY | AECO C | ALBERTA | ALBERTA | AGGRE- | ALLIANCE | ALBERTA | SASK | SUMAS | BC | DAWN | SULPHUR |
| | HUB | | 1 YR FIRM | SPOT | GATOR | | AGRP | SPOT | SPOT | STN 2 | | |
| | \$/S/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/C/MMBTU | \$/LT |
| 2017 | 3.05 | 2.41 | 2.21 | 2.21 | 2.06 | 2.76 | 2.21 | 2.36 | 2.54 | 2.04 | 4.33 | 88.43 |
| 2018 | 3.20 | 2.65 | 2.45 | 2.45 | 2.30 | 2.89 | 2.45 | 2.60 | 2.80 | 2.30 | 4.47 | 90.20 |
| 2019 | 3.30 | 2.93 | 2.72 | 2.72 | 2.57 | 2.95 | 2.73 | 2.87 | 3.13 | 2.63 | 4.54 | 92.00 |
| 2020 | 3.50 | 3.14 | 2.93 | 2.93 | 2.78 | 3.07 | 2.94 | 3.08 | 3.34 | 2.84 | 4.64 | 93.84 |
| 2021 | 3.70 | 3.40 | 3.19 | 3.19 | 3.04 | 3.22 | 3.20 | 3.34 | 3.60 | 3.10 | 4.80 | 95.72 |
| 2022 | 3.90 | 3.64 | 3.42 | 3.42 | 3.27 | 3.39 | 3.44 | 3.57 | 3.84 | 3.34 | 4.98 | 97.63 |
| 2023 | 4.05 | 3.80 | 3.57 | 3.57 | 3.42 | 3.53 | 3.60 | 3.72 | 4.00 | 3.50 | 5.15 | 99.59 |
| 2024 | 4.20 | 3.95 | 3.73 | 3.73 | 3.58 | 3.68 | 3.75 | 3.88 | 4.15 | 3.65 | 5.33 | 101.58 |
| 2025 | 4.35 | 4.11 | 3.88 | 3.88 | 3.73 | 3.83 | 3.91 | 4.03 | 4.31 | 3.81 | 5.50 | 103.61 |
| 2026 | 4.50 | 4.27 | 4.03 | 4.03 | 3.88 | 3.97 | 4.07 | 4.18 | 4.47 | 3.97 | 5.68 | 105.68 |
| 2027 | 4.59 | 4.35 | 4.11 | 4.11 | 3.96 | 4.05 | 4.15 | 4.26 | 4.55 | 4.05 | 5.79 | 107.80 |
| 2028 | 4.68 | 4.44 | 4.19 | 4.19 | 4.04 | 4.13 | 4.24 | 4.34 | 4.64 | 4.14 | 5.90 | 109.95 |
| 2029 | 4.78 | 4.53 | 4.28 | 4.28 | 4.13 | 4.21 | 4.33 | 4.43 | 4.73 | 4.23 | 6.01 | 112.15 |
| 2030 | 4.87 | 4.62 | 4.36 | 4.36 | 4.21 | 4.30 | 4.42 | 4.51 | 4.82 | 4.32 | 6.12 | 114.39 |
| 2031 | 4.97 | 4.71 | 4.45 | 4.45 | 4.30 | 4.38 | 4.51 | 4.60 | 4.91 | 4.41 | 6.23 | 116.68 |
| 2032 | 5.07 | 4.80 | 4.54 | 4.54 | 4.39 | 4.47 | 4.60 | 4.69 | 5.00 | 4.50 | 6.35 | 119.02 |
| 2033 | 5.17 | 4.90 | 4.63 | 4.63 | 4.48 | 4.56 | 4.70 | 4.78 | 5.10 | 4.60 | 6.47 | 121.40 |
| 2034 | 5.27 | 5.00 | 4.72 | 4.72 | 4.57 | 4.65 | 4.80 | 4.87 | 5.20 | 4.70 | 6.59 | 123.82 |

Note: All prices escalated at 2% per year after 2034
All costs escalated at 2% per year after 2017
First year forecast is for 3 months