

## Sources: Myths Versus Realities: Getting the facts about fracking factsheet

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- <sup>10</sup> Ibid.
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<sup>23</sup> This is because natural gas produces less carbon than oil and coal when combusted.

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<sup>26</sup> Matthew Branley, *Is Natural Gas a Climate Change Solution for Canada?*, Pembina Institute and David Suzuki Foundation, 2011, <<http://www.davidsuzuki.org/publications/reports/2011/is-natural-gas-a-climate-change-solution-for-canada/>> p.37.

<sup>27</sup> This is based on considering the lifecycle emissions associated with fracked gas, and is in large part because of unplanned releases of methane, a powerful contributor to climate change. Over 20 years methane is 105 times more powerful than CO<sub>2</sub>, 33 times more powerful over a century. Robert W. Howarth, Renee Santoro and Anthony Ingraffea, *Methane and the Greenhouse-gas Footprint of Natural gas from Shale Formations*, Climate Change DOI 10.1007/s10584-011-0061-5, March 13, 2011, <<http://www.sustainablefuture.cornell.edu/news/attachments/Howarth-EtAl-2011.pdf>>

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<sup>31</sup> These workers risked termination if they violated these conditions. Dr. Theo Colborne, Great Lakes United Conference call, Health Implications of Fracking for Natural Gas in the Great Lakes-St. Lawrence River Basin, January 10, 2012, <<http://www.glu.org/issuebriefings>>.

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<sup>35</sup> Jessica Ernst, *Is Hydraulic Fracturing safe and Sustainable?* Presented on May 3, 2011 in New York City at the United Nations 19<sup>th</sup> Commission on Sustainable Development, <<http://www.ekcbm.org/files/Is%20hydraulic%20fracturing%20safe%20&%20sustainable-Ernst%20at%20UN%20May%203%202011%20FINAL.pdf>>

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