

# 2011 Greenhouse Gas Emissions Report Summary



**Company** Canadian Natural Resources Limited  
**Reporting Operation** Linear Facilities Operation  
**Facility Name** Helmet North Comp Stn A-013-F  
**BC Facility ID** 12111130151  
**Facility Address** British Columbia  
**Primary NAICS Code** 211113 (Conventional Oil and Gas Extraction)  
**Geographic Coordinates** 59.844, -120.778  
**Operation Representative** William Clapperton  
 403-517-6784  
 Bill@cnrl.com

**Data as of** December 7, 2012  
**Report Status** Original Report  
**Report Date** 2012-03-30  
**Verification Status** Verification review in progress, if applicable

Category of Emissions	Greenhouse Gas Emissions (tonnes of CO <sub>2</sub> e)							Total	CO <sub>2</sub> *** (excluded biomass)
	CO <sub>2</sub> * (fossil fuel)	CO <sub>2</sub> ** (included biomass)	CH <sub>4</sub>	N <sub>2</sub> O	SF <sub>6</sub>	PFCs	HFCs		
Stationary Fuel Combustion	25,648		1,226	241				27,115	
Industrial Process									
Flaring									
Venting									
Fugitive	2		1,772					1,774	
On-site Transportation									
Waste									
Wastewater									
<b>Total</b>	<b>25,649</b>		<b>2,998</b>	<b>241</b>				<b>28,888</b>	

\* carbon dioxide emissions from combustion of fossil fuel  
 \*\* carbon dioxide emissions from combustion of biomass not listed in Schedule C of the Reporting Regulation  
 \*\*\* carbon dioxide emissions from combustion of biomass listed in Schedule C of the Reporting Regulation

NOTE: Totals may not reflect the sum of individual numbers due to rounding.