

Appendix 5

% of GHGs

to 2013	Responsible Company	Address 1	Address 2	City	State	Postal	Country
3.34	Chevron	6001 Bollinger Canyon Road		San Ramon	CA	94583	USA
3.29	Saudi Aramco	P.O. Box 5000		Dhahran		31311	Saudi Arabia
3.1	Exxon Mobil	5959 Las Colinas Boulevard		Irving	Texas	75039-2298	USA
2.38	BP p.l.c.	1 St James's Square		London		SW1Y 4PD	United Kingdom
2.33	Gazprom	16 Nametkina St.		Moscow		GSP-7, 117997	Russian Federation
2.06	Royal Dutch Shell plc	PO box 162	2501 AN	The Hague			The Netherlands
2.02	National Iranian Oil Company	Hafez Crossing	Taleghani Av	Tehran			Iran
1.39	PEMEX	Avenida Marina Nacional #329 C 3,	Col. Verónica Del. Miguel Hidalgo	Distrito Fed		11300	Mexico
1.16	Coal India Limited	Coal Bhawan, Premise No-04 MAR	Plot No-AF-II Newtown, Rajarhat	Kolkata		700156	India
1.12	Conoco Phillips	600 North Dairy Ashford (77079-1175)	P.O. Box 216	Houston	TX	77252-2197	USA
0.89	Peabody Energy	Peabody Plaza	701 Market	St. Louis	MO	63101-1826	USA
0.88	Petroelios de Venezuela, S.A.	Av. Libertador La Campiña 169	Ed. Petróleo	Caracas		1010-A	Venezuela
0.82	Total SA	Tour Coupole - 2 place Jean Millier	Arche Nord	Paris	La Défense	92078	France
0.78	PetroChina (CNPC)	9 Dongzhimen North Street	Dongcheng I	Beijing		100007	P.R.China
0.75	Kuwait Petroleum Corp.	P.O. Box: 26565		Safat		No. 13126	Kuwait
0.7	Murray Energy Corporation	46226 National Road		St. Clairsville	Ohio	43950	USA
0.66	Sonatrach	Djenane El Malik		Hydra		160335	Algeria
0.59	CONSOL Energy Inc.	CNX Center	1000 Consol	Canonsburg	PA	15317-6506	USA
0.55	BHP Billiton Limited	BHP Billiton Centre	171 Collins St	Melbourne	Victoria	3000	Australia
0.51	Iraq National Oil Company	c/o Iraq Ministry of Oil	PO Box 6178		Baghdad		Iraq
29.32	Combined Total						

Key	Privately Owned Corporation
	State Owned Corporation

Notes:

The estimates of responsibility for greenhouse gases from 1854-2013 are based on the "Carbon Majors" research of Richard Heede, found at http://www.climateaccountability.org/carbon_majors_update.html (last accessed 12 January 2017) which is an update of Heede's peer reviewed paper: Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010", Climatic Change (2014) 122: 229. doi:10.1007/s10584-013-0986-y.

West Coast Environmental Law has made reasonable efforts to identify the appropriate address for each corporate entity, but makes no guarantees. Anyone seeking to rely upon the above addresses should confirm the addresses themselves.