

PERMANENT SUBCOMMITTEE ON INVESTIGATIONS
Committee on Homeland Security and Governmental Affairs

Carl Levin, Chairman

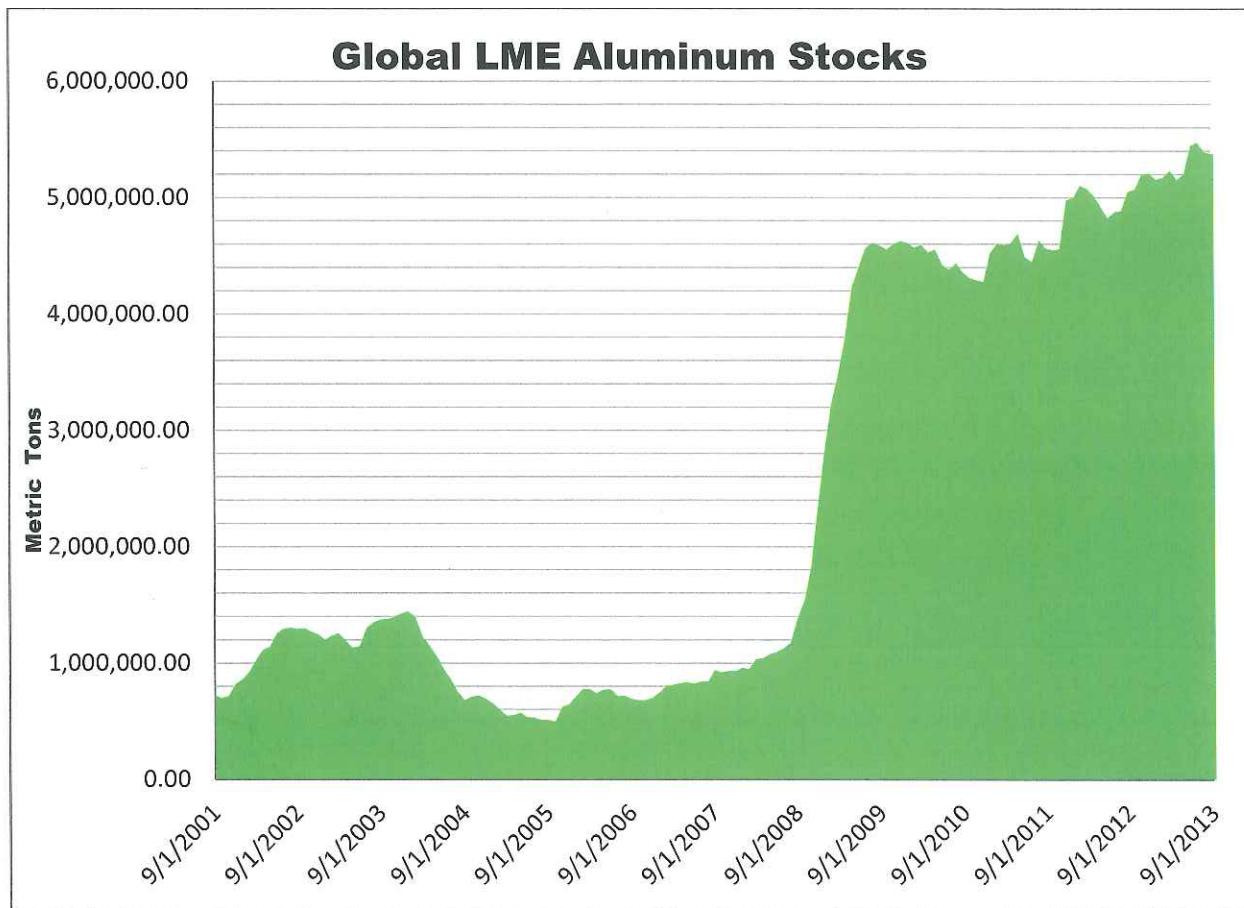
John McCain, Ranking Minority Member

C H A R T S

***WALL STREET BANK INVOLVEMENT WITH
PHYSICAL COMMODITIES***



**November 20 and 21, 2014
9:30 a.m.
106 Dirksen Senate Office Building**



Source: Prepared by the Permanent Subcommittee on Investigations using information provided by Novelis. See undated "LME Stocks 2014-05-06," prepared by Novelis, PSI-Novelis-01-000001.

METRO FREIGHT INCENTIVES

Year	Total Annual Freight Allowance Paid by Metro	Annual Freight Allowance Paid by Metro to J. Aron*
2010	\$ 36,886,081.53	\$ 4,833,782.97
2011	\$ 78,705,509.76	\$ 42,837,549.73
2012	\$ 102,810,074.24	\$ 21,239,974.82
2013	\$ 128,841,024.47	\$ 19,115,351.31

* The spread that J. Aron earned on the trade constituted a very small portion — approximately 2% — of the actual freight allowance that J. Aron received from Metro.

PSI-GoldmanSachs-15-000006

GSPSICOMMODS00046232

**ALUMINUM TONNAGE SHIPPED
(METRO WAREHOUSE (DETROIT) TO METRO WAREHOUSE (DETROIT))**

YEAR SHIPPED	TONNAGE SHIPPED (MT)
2010 (FROM FEBRUARY)	69,725
2011	100,000
2012	200,000
2013	219,025
2014 (THROUGH JANUARY)	38,975

Source: Letter from Goldman Sachs Counsel to the Permanent Subcommittee on Investigations, dated October 20, 2014, PSI-GoldmanSachs-20-000002.

Goldman Employees Who Served as Metro Board Members
2009 to 2014

Goldman Employee	Goldman Department	From Date	To Date
Agran, Greg	Global Commodities	2/1/2010	12/1/2011
Attwood Scott, Victoria*	Securities Div Compliance	2/1/2010	11/16/2012
Bulk, Maxwell*	Global Deriv Ops Mgmt	2/1/2010	7/1/2014
Gabillon, Jacques	GCPI head	2/1/2010	CURRENT
Haynes, Oliver*	Securities Div Compliance	10/30/2012	4/1/2014
Holzer, Philip	EQ PIPG Sales	2/15/2010	3/1/2014
Murphy, Ken	Archon**	3/1/2010	5/1/2011
Mancini, Robert*	Assetco***	2/1//2010	12/1/2012
McDonogh, Dermot	Controllers' Admin	3/1/2010	CURRENT
Siewert, Richard	Media Relations	10/1/2012	CURRENT
Weiss, Michael	Securities Div Compliance	1/23/2013	CURRENT
West, Owen	Natural Gas Trading	11/28/2011	CURRENT

*Former Goldman employee

**Archon refers to Archon LP, which is the predecessor to Goldman Sachs Realty Management L.P.

***Assetco likely refers to GCPI, which stands for Global Commodities Principal Investments group.

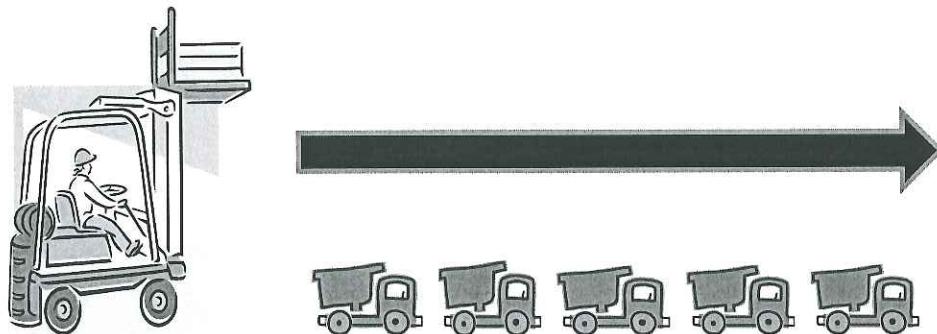
Source: 8/15/2014 letter from Goldman Sachs legal counsel to the Permanent Subcommittee on Investigations , PSI-GoldmanSachs-17-000001-009 , at Exhibit A, GSPSICOMMODS00046225. 11/11/2014 Briefing by Goldman legal counsel to the Permanent Subcommittee on Investigations (describing Archon and Assetco).

Permanent Subcommittee on Investigations

EXHIBIT #1d

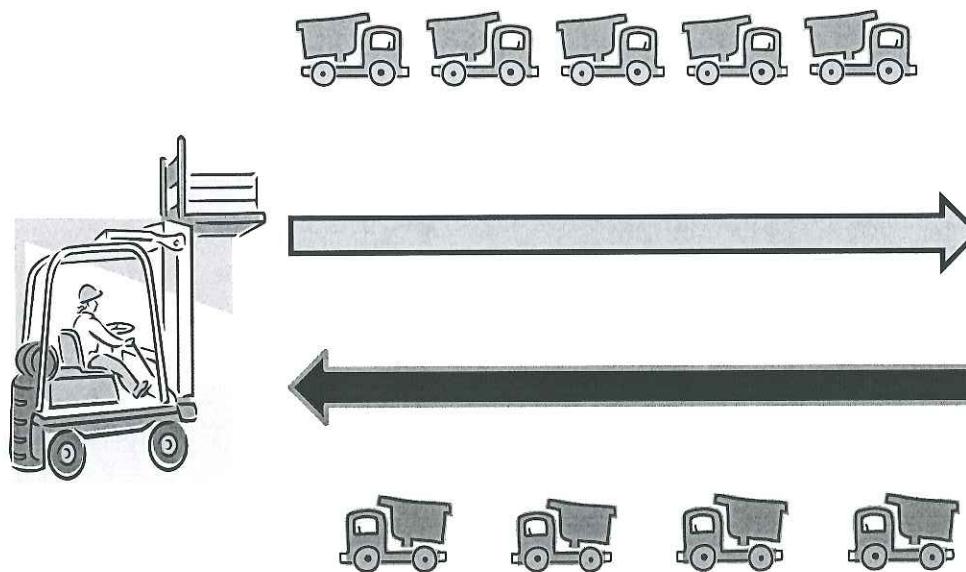
ALUMINUM MERRY GO ROUND TRANSACTIONS

Metro Warehouse A



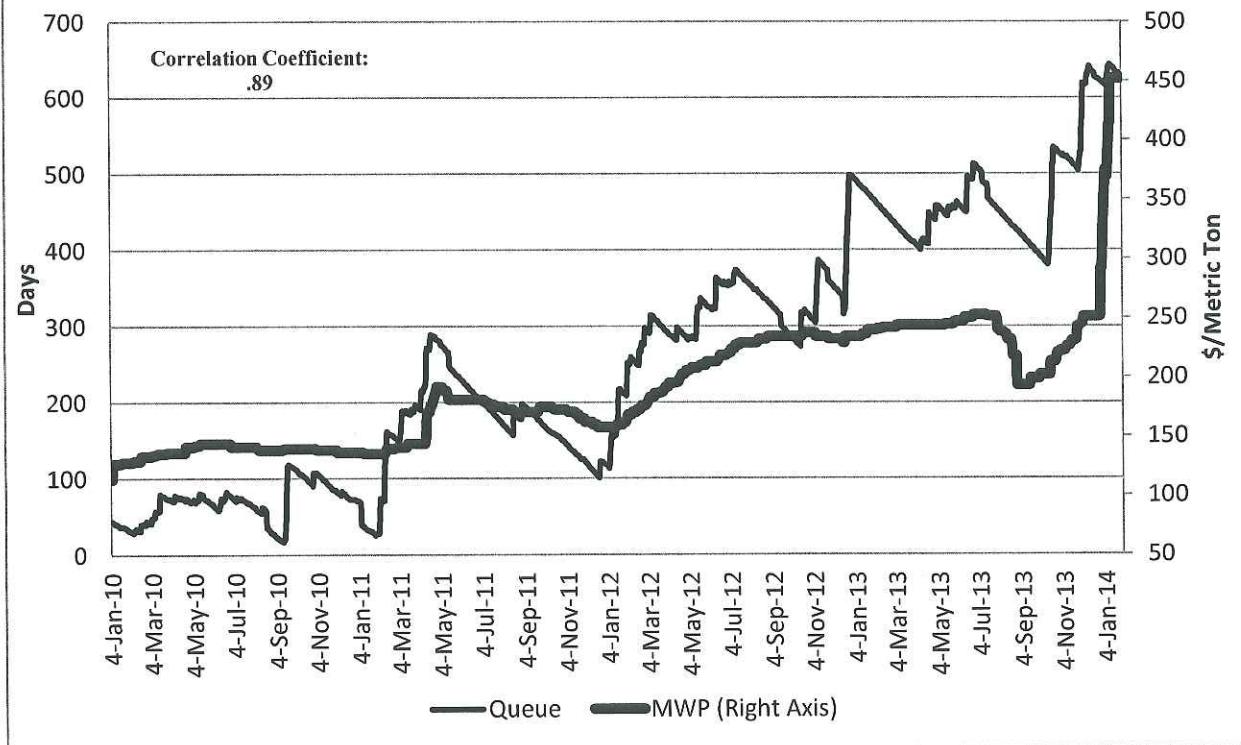
Metro Warehouse B

Metro Warehouse A



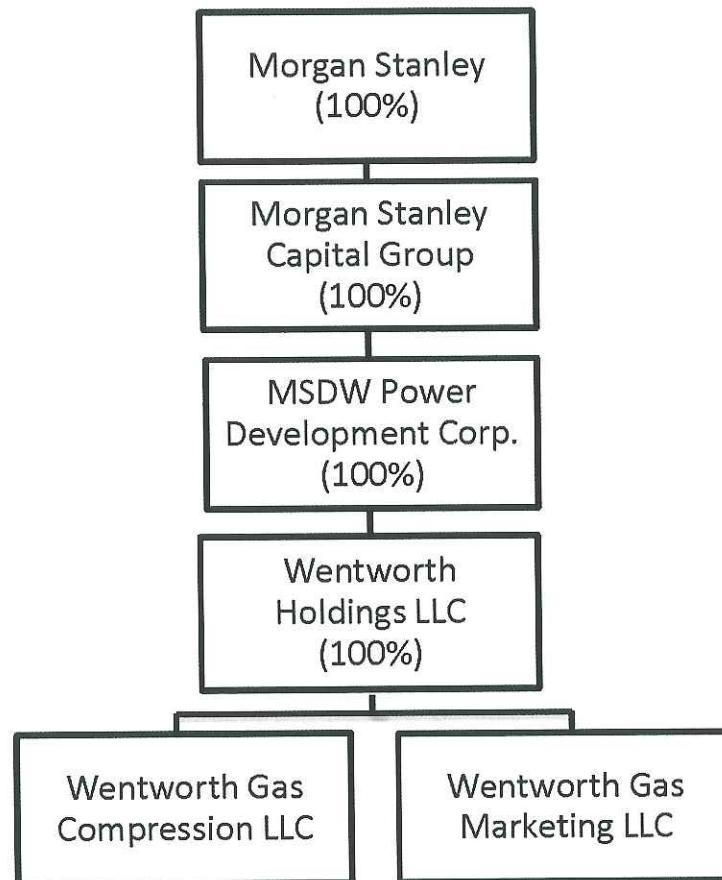
Metro Warehouse B

Detroit Queue and Platts MW Aluminum Premium



Source: Prepared by the Permanent Subcommittee on Investigations using information provided by Harbor Aluminum. See undated "HARBOR's estimated aluminum load-out waiting time in LME Detroit Warehouses vs HARBOR's MW Transactional Premium," prepared by Harbor Aluminum, PSI-HarborAluminum-03-000004.

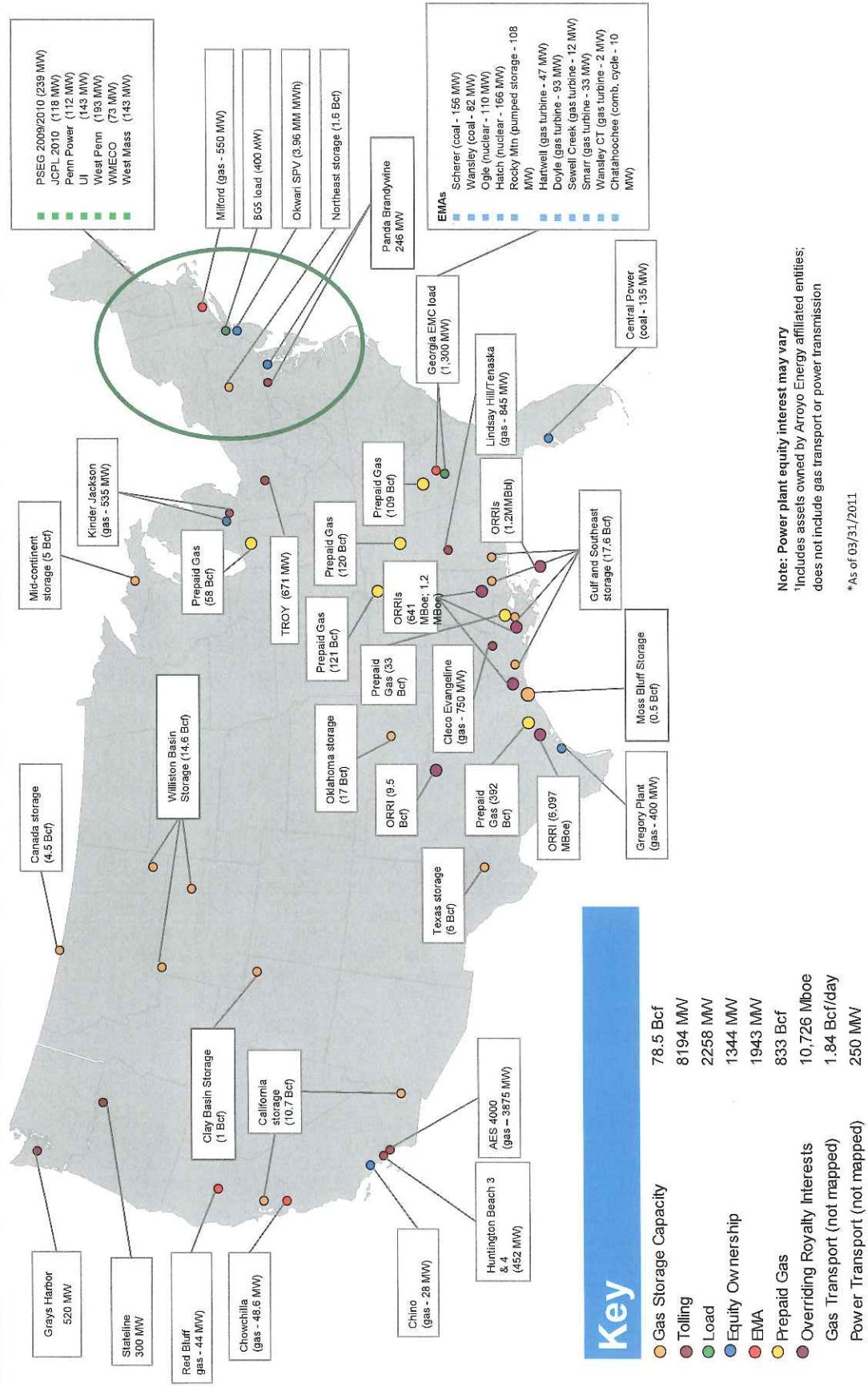
Wentworth Ownership Structure



Source: 9/19/2014 letter from Morgan Stanley to Subcommittee, at PSI-MorganStanley-13-000004.

Overview of North America Gas, Power and PI Assets¹

North America



Permanent Subcommittee on Investigations

EXHIBIT #1h

INTERNAL

J.P. Morgan
FRB-PSI-623097

CONFIDENTIAL

GLOBAL COMMODITIES - OPERATIONS

From: Luis Davila <Luis.Davila@jpmorgan.com>
Sent: Friday, October 22, 2010 5:55 PM
To: John Rasmussen <John.Rasmussen@jpmorgan.com>; Ryan M Martin
<ryan.m.martin@jpmorgan.com>
Subject: Please sir! mor BCR!!!!



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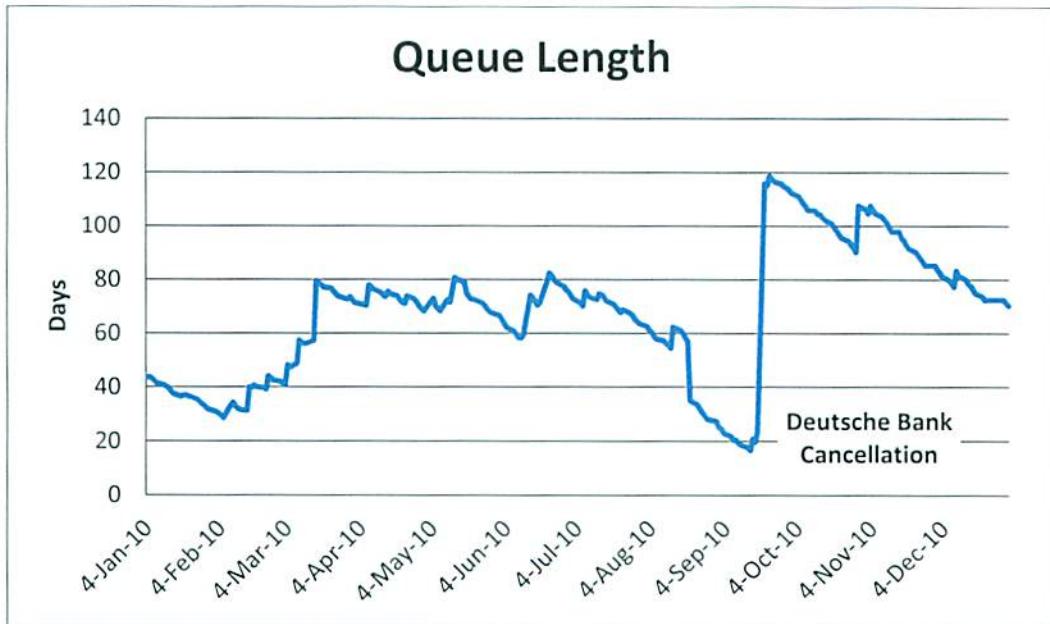
Excerpts from 2013 CNR Financial Statement

“CNR I started several legal actions for the unblocking of the mine, including protection petitions and police proceedings filed with the mayor of El Paso, as well as a request of administrative protection before the National Mining Agency ANM. Likewise, a large number of letters was sent to request the intervention of police and military authorities, the Governor of Cesar, the office of the Attorney General and the People’s Defender Office, as well as to the Mines and Interior Ministries, among others.”

Source: 2013 and 2012 CNR Financial Statements, at Note 1, GSPSICOMMODS00046366 - 397, at 374.

“The total blockade of the La Francia mine lasted for 244 days, until the 22nd of September of 2013, and it was lifted thanks to a private agreement in which CNR I paid a cash bonus of \$20,000 to each one of the persons that were still protesting. Once CNR I resumed the control of the mine, the activities to recover the productive areas were started, particularly the pumping of water from the pit.”

Source: 2013 and 2012 CNR Financial Statements, at Note 1, GSPSICOMMODS00046366 - 397, at 374. Goldman legal counsel subsequently told the Subcommittee that 120 protestors were paid \$10,000 each. 10/30/2014 letter from Goldman legal counsel to Subcommittee, PSI-GoldmanSachs-24-000001 - 003, at 001.



Source: Prepared by Permanent Subcommittee on Investigations using information provided by Harbor Aluminum and Deutsche Bank. See undated "HARBOR's estimated aluminum load-out waiting time in LME Detroit Warehouses vs HARBOR's MW Transactional Premium," prepared by Harbor Aluminum, PSI-HarborAluminum-03-000004; Subcommittee briefing by Deutsche Bank (8/22/2014).