	Nevada Division of Environmental Protection Bureau of Air Pollution Control										
		Calendar Ye	ear 2014 Actua	al Production/	Emission Reporting S	preadsheet f	or Mercury Emi	ssions from the Precious Metals Mining Industry			
		Cumı	ulative Nevada	Mercury Cor	ntrol Program (NMCP):	: Mercury O	perating Permit	To Construct (MOPTC) Data Submittals			
Pollutant ID	Production/Heat	Production Units	Emissions	Emissions	HG Annual	Hours	HG Co-Produc	t Notes			
	Rate	(eg. tons/yr)		Factor Units	\	Operated	(tons/yr)				
					1-0723.01; MOPTC A						
					001 - 1 of 2, only one o	•					
Hg	25.78	tpy	0.000539	lbs/hr	0.2307	428	0.0000	Induction Furnace emissions factor derived from 2014 M29 stack test.			
					1.002 - 1 of 2, only one						
Hg	25.28	tpy	0.000173	lbs/hr	0.0777	449	0.0000	Induction Furnace emissions factor derived from 2014 M29 stack test.			
	scription: Juniper 4,287.75				E0 E007	7.050	0.0000	Carbon Kills aminging factor derived from 2014 M20 steels toot			
Hg System Dec	scription: Mercury	tpy  Retart Circuit #1	0.00697267	lbs/hr	50.5937	7,256	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.			
Hq	47.28	tpy	0.00001167	lbs/hr	0.0426	3,648	0.0000	Retort #1 emissions factor derived from 2014 M29 stack test.			
	scription: Mercury				0.0420	3,040	0.0000	Thetore #1 emissions ractor derived from 2014 M25 Stack test.			
Hq	39.93	tpy	0.00001467	lbs/hr	0.0466	3,174	0.0000	Retort #2 emissions factor derived from 2014 M29 stack test.			
	scription: Sage Mi				0.0100	0,171	0.0000	TOTAL TE CHINOGONO TOTAL CONTOUR TOTAL ECON TOTAL CONTOUR.			
Hg	1,910,519.00	tpy	0.00006267	lbs/hr	0.4887	7,798	0.0000	Autoclave #1 emissions factor derived from 2014 M29 stack test.			
	scription: Sage Mi										
Hg	1,952,831.00	tpy	0.00008167	lbs/hr	0.6447	7,894	0.0000	Autoclave #2 emissions factor derived from 2014 M29 stack test.			
System Des	scription: Electro-			s ducted to c							
Hg	42.46		0.00006233	lbs/hr	0.5460	8,760	0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.			
					TU4.006 - TU4.008)						
Hg	42.46	MMgals/yr	0.001328	lbs/hr	11.6333	8,760	0.0000	Preg./Barren Tanks emissions factor derived from 2014 M29 stack test.			
					U4.012 & TU4.013)	0.500					
Hg	69.63	MMgals/yr	0.000024	lbs/hr	0.1567	6,528	0.0000	Preg./Barren Tanks emissions factor derived from 2014 M29 stack test.			
	scription: Mercury	Co-Product			0.0000	т —	10.0105	Facility wide managers as available as leasted as breakers by a patern available			
Hg System Dos	cerintion: Laborate	ary Sample Prop	Poom Fire As	cay Poom M		Pron Poom	10.0105	Facility-wide mercury co-product collected, no breakout by system provided.  Instrumentation Room, Met Lab Room & Autoclave Room			
Hg	Тарион. Сароган	T Sample Frep.	Hoom, The As	say noon, v	3.9471	Tiep. Room,	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.			
rig	- I	1	CY2006	acility Total:	434.3715		8.9100	CY2006 Co-product: 17,820 lbs/yr			
				acility Total:	929.9303	1	13.2160	CY2007 Co-product: 26,432 lbs/yr.			
				acility Total:	1,679.1864		8.8000	CY2008 Co-product: 17,600 lbs/yr.			
				acility Total:	425.7559		5.9080	CY2009 Co-product: 11,816 lbs/yr.			
			CY2010	acility Total:	178.8392		5.4670	CY2010 Co-product: 10,934 lbs/yr.			
			CY2011	acility Total:	452.1731		3.9940	CY2011 Co-product: 7,988 lbs/yr.			
			CY2012	acility Total:	695.2002		4.6530	CY2012 Co-product: 9,308.20 lbs/yr.			
				acility Total:			7.7370	CY2013 Co-product: 15,474 lbs/yr.			
				acility Total:	68.4077		10.0105	CY2014 Co-product: 20,021 lbs/yr.			
					Reources USA, Inc.):	AQOP AP10	141-3422; MOP	TC AP1041-2217			
	scription: West Ro				. =	T		I=			
Hg	559,628.00	tpy	0.000731	lbs/hr	4.7106	6,444	0.0000	Roaster emissions factor derived from average of 2013 M29 stack tests.			
	scription: East Ro				5 6717	6.001	0.0000	Pagetar amissions factor derived from average of 2012 M00 stock tests			
Hg System Des	scription: Ore Drye	tpy er (\$2.022/THA.00	0.000903	lbs/hr	5.6717	6,281	0.0000	Roaster emissions factor derived from average of 2013 M29 stack tests.			
Hg	1,209,444.00	tpy	0.0000562	lbs/hr	0.2708	4,819	0.0000	Ore Dryer emissions factor derived from 2012 M29 stack test.			
	scription: Mercury			IDO/III	0.2700	7,013	0.0000	וסוס בוייטטו פרוויפט ווטווו בטוב ועובס לנמטת נפטנ.			
Hg	13.90	tpy	0.0000312	lbs/hr	0.0593	1,900	0.0000	Retort emissions factor derived from 2014 M29 stack test.			
	scription: Refining					.,500					
Hg	8.34		0.00000727		0.0021	283	0.0000	Furnace emissions factor derived from 2014 M29 stack test.			
					on Tanks (S2.038.1 - S						
Hg	78,062.00	gal/yr	0.00035	lbs/hr	0.6426	1,836	0.0000	EW Cells and P/B Tanks emissions factor derived from 2014 M29 stack test.			
	scription: Mercury	Co-Product									
Hg					0.0000	<u> </u>	3.9820	Facility-wide mercury co-product collected, no breakout by system provided.			
	scription: Laborato	ory Units Including	Large Ore Dr	ying Ovens (	5 Units) and Electro-wi	inning Cells	T				
Hg			0) (5.5.5		2.1363		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.			
				acility Total:	293.9245		2.9600	CY2006 Co-product: 5,920 lbs/yr.			
				Facility Total:	1,966.3934	-	1.0200	CY2007 Co-product: 2,040 lbs/yr.			
				acility Total:	219.9723 138.9704		0.7100 2.1000	CY2008 Co-product: 1,420 lbs/yr. CY2009 Co-product: 4,200 lbs/yr.			
				acility Total:	34.9527	1	11.0380	CY2010 Co-product: 4,200 lbs/yr.			
				acility Total:			0.0000	CY2011 Co-product: 0.00 lbs/yr.			
			0120111	domity Total.	00.0714	I	0.0000	OTEOTI GO product. 0.00 lbg/yr.			

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				Facility Total:	29.8595		1.5200	CY2012 Co-product: 3,040 lbs/yr.
				Facility Total:	26.6023		2.5600	CY2013 Co-product: 5,120 lbs/yr.
			CY2014 F	acility Total:	13.4934		3.9820	CY2014 Co-product: 7,964 lbs/yr.
Source: Ne	wmont Mining Co	poration - Gold C	uarry: AQOP	AP1041-0793	3; MOPTC AP1041-22	19		
					r: S2.120/TU4.001)			
Hg	3,521,356.00	tpy	0.000393	lbs/hr	3.1075	7,907	0.0000	Static Seperator emissions factor derived from 2014 M29 stack test.
System Des	scription: CFB No		Preheaters (S	S2.126 & S2.1	129/ TU4.002 & TU4.0	03)		
Hg	3,731,818.00	tpy	0.001335	lbs/hr	10.7508	8,053	0.0000	Ore Preheater's emissions factor derived from 2014 M29 stack test.
System Des	scription: CFB No	rth and South Ore	Roasters (S2	.133 & S2.14	5/TU4.004 & TU4.005	)		
Hg	3,731,818.00	tpy	0.000299	lbs/hr	2.4078	8,053	0.0000	Ore Roaster's factor derived from 2014 M29 stack test.
System Des	scription: ROTP N	orth Calcine Que	nch Circuit (S2	2.158 & S2.15	59/TU4.006 - TU4.009)	)		
Hg	1,906,784.00	tpy	0.001004	lbs/hr	8.0069	7,975	0.0000	North Quench Circuit emissions factor derived from 2014 M29 stack test.
System Des	scription: ROTP S	outh Calcine Que	ench Circuit (S	2.160 & S2.16	61/TU4.010 - TU4.013	)		
Hg	1,825,034.00	tpy	0.000788	lbs/hr	6.3458	8,053	0.0000	South Quench Circuit emissions factor derived from 2014 M29 stack test.
System Des	scription: AARL C	arbon Stripping C	ircuit (Pregnar	nt Tanks: TU	4.014 & TU4.015)			
Hg	14,316.00	tpy	0.00223	lbs/hr	18.1700	8,148	0.0000	Pergnant Strip Tanks emissions factor derived from 2014 M29 stack test.
System Des	scription: Refinery	Barren Tank & E	lectro-winning	Cells (TU4.0	16 & TU4.017)			
Hg	40,740,007.00		0.001935	lbs/hr	15.0137	7,759	0.0000	Barren Tank/EW Cells emissions factor derived from 2014 M29 stack test.
	scription: Refinery							
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Units were decommissioned in May, 2012.
					9/TU4.024 - TU4.026)			
Hg	65.60	tpy	0.014422	lbs/hr	7.4129	514	0.0000	Induction Furnace emissions factor derived from 2014 M29 stack test.
	scription: Carbon							
Hg	6,931.10	tpy	0.00572967		39.7129	6,931	0.0000	Kiln Scrubber Stack emissions factor derived from 2014 M29 stack test.
	scription: Carbon							
Ha	6.293.20	tpy	0.00061633	lbs/hr	4.0746	6,611	0.0000	Kiln Scrubber Stack emissions factor derived from 2014 M29 stack test.
	scription: Refinery					-,		
Hg	17.90	tpv	3.8E-08	lbs/hr	0.0000	1,249	0.0000	Retort Circuit emissions factor derived from 2014 M29 stack test.
	scription: Refinery				0.0000	1,210	0.0000	Trotort Girdalt Giribalono taxtor donivod from 2011 Willow Stack toot.
Hg	14.10	tpy	3.09E-08	lbs/hr	0.0000	956	0.0000	Retort Circuit emissions factor derived from 2014 M29 stack test.
					0.0000	930	0.0000	Thetoit Officult emissions factor derived from 2014 W29 Stack test.
	scription: Refinery				0.0004	4.050	0.0000	Detect Oisself engine feature desired from 0014 M00 etcals to t
Hg	22.60	tpy	5.94E-08	lbs/hr	0.0001	1,658	0.0000	Retort Circuit emissions factor derived from 2014 M29 stack test.
	scription: Mercury	Go-Product	1			ı		<b>1</b>
Hg		1			0.0000		6.2800	Facility-wide mercury co-product collected, no breakout by system provided.
	scription: Assay La	aboratory, Met La	boratory & Inte	egrated Labor	atory			
Hg						1		In a state of the
	*		0) (0000		0.9080		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	0.9080 310.6937		2.7200	CY2006 Co-product: 5,440 lbs/yr.
			CY2007	Facility Total: Facility Total:	0.9080 310.6937 504.4204		2.7200 6.1600	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr.
		<u> </u>	CY2007 CY2008	Facility Total: Facility Total: Facility Total:	0.9080 310.6937 504.4204 422.4137		2.7200 6.1600 6.7700	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr.
			CY2007 CY2008 CY2009	Facility Total: Facility Total: Facility Total: Facility Total:	0.9080 310.6937 504.4204 422.4137 280.6857		2.7200 6.1600 6.7700 5.3900	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr.
			CY2007 CY2008 CY2009 CY2010	Facility Total: Facility Total: Facility Total: Facility Total: Facility Total:	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321		2.7200 6.1600 6.7700 5.3900 5.7000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr.
			CY2007 CY2008 CY2009 CY2010 CY2011	Facility Total: Facility Total: Facility Total: Facility Total: Facility Total: Facility Total:	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr.
			CY2007 CY2008 CY2009 CY2010 CY2011 CY2012	Facility Total:	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr.
			CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013	Facility Total:	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr.
			CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F	Facility Total: Control Tota	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr.
			CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F	Facility Total: Control Tota	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344	-0766.01; M	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr.
System Des	scription: Refinery	Furnace #1 (S2.0	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F erly Newmont I	Facility Total: Gacility Total: Midas Operati	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr.
System Des Hg	scription: Refinery 42.32	Furnace #1 (S2.0 tpy	CY2007 CY2008 CY2009 CY2010 CY2011 CY2011 CY2013 CY2014 F erly Newmont I 035/TU4.001)	Facility Total: Control Tota	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110	-0766.01; M0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery	Furnace #1 (S2.0 tpy Furnace #2 (S2.0	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F erly Newmont I 035/TU4.001) 0.000236	Facility Total: Midas Operati	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041	474	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7,700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg	scription: Refinery 42.32 scription: Refinery 38.87	Furnace #1 (S2.0 tpy Furnace #2 (S2.0 tpy	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002)	Facility Total: Gacility Total: Midas Operati	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041		2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr.
System Des Hg System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A	Furnace #1 (S2.0 tpy Furnace #2 (S2.0 tpy (S2.037/TU4.003	CY2007 CY2008 CY2009 CY2019 CY2011 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.00037	Facility Total: Gacility Total: Midas Operati  Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041- 0.1117	474	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy)	CY2007 CY2008 CY2009 CY2010 CY2011 CY2011 CY2014 F erly Newmont 1 035/TU4.001) 0.000236 036/TU4.002) 0.00037	Facility Total: Midas Operati	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041	474	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7,700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B	Furnace #1 (S2.0) tpy Furnace #2 (S2.0) tpy (S2.037/TU4.003) tpy (S2.038/TU4.004)	CY2007 CY2008 CY2009 CY20101 CY20111 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.00037	Facility Total: Midas Operati    Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041- 0.1117 0.1593 0.0090	474 431 2,432	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des Hg	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy)	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.00037 3)	Facility Total: Gacility Total: Midas Operati  Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041- 0.1117	474	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F O35/TU4.001) 0.000236 036/TU4.002) 0.00037 0.00000372	Facility Total: Midas Operati    Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041 0.1117 0.1593 0.0090	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from July 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy)	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.00037 3)	Facility Total: Midas Operati    Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041- 0.1117 0.1593 0.0090	474 431 2,432	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy)	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F O35/TU4.001) 0.000236 036/TU4.002) 0.00037 0.00000372	Facility Total: Midas Operati    Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041 0.1117 0.1593 0.0090 0.0000	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2015 Co-product: 12,560 lbs/yr. CY2016 Co-product: 12,560 lbs/yr. CY2017 Co-product: 12,560 lbs/yr. CY2018 Co
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40 scription: Mercury	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy) Co-Product	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F O35/TU4.001) 0.000236 036/TU4.002) 0.00037 0.00000372	Facility Total: Midas Operati    Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041 0.1117 0.1593 0.0090	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from July 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy) Co-Product	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F O35/TU4.001) 0.000236 036/TU4.002) 0.00037 0.00000372	Facility Total: Midas Operati    lbs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041:  0.1117 0.1593 0.0090 0.0000 0.0167	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000 0.0000 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.  Retort B decommissioned in July, 2012.  Retort C emissions factor derived from 2014 M29 stack test.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40 scription: Mercury	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy) Co-Product	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2013 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.000037 3) 0.00000372	Facility Total: Midas Operati  Ibs/hr  Ibs/hr  Ibs/hr  Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041- 0.1117 0.1593 0.0090 0.0000 0.0167 0.0000	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000 0.0000 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.  Retort B decommissioned in July, 2012.  Retort C emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40 scription: Mercury	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy) Co-Product	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.000037 B) 0.00000372	Facility Total: Midas Operati  Ibs/hr  Ibs/hr  Ibs/hr  Ibs/hr  Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041 0.1117 0.1593 0.0090 0.0000 0.0167 0.0000	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000 0.0000 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 10,780 lbs/yr. CY2009 Co-product: 11,400 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.  Retort B decommissioned in July, 2012.  Retort C emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 0.00 lbs/yr.
System Des Hg System Des	scription: Refinery 42.32 scription: Refinery 38.87 scription: Retort A 70.98 scription: Retort B 0.00 scription: Retort C 26.40 scription: Mercury	Furnace #1 (S2.0 tpy) Furnace #2 (S2.0 tpy) (S2.037/TU4.003 tpy) (S2.038/TU4.004 tpy) (S2.052/TU4.005 tpy) Co-Product	CY2007 CY2008 CY2009 CY2010 CY2011 CY2012 CY2014 F erly Newmont I 035/TU4.001) 0.000236 036/TU4.002) 0.000037 B) 0.00000372	Facility Total: Midas Operati  Ibs/hr  Ibs/hr  Ibs/hr  Ibs/hr	0.9080 310.6937 504.4204 422.4137 280.6857 397.1321 222.6075 231.8539 96.6344 115.9110 ions): AQOP AP1041 0.1117 0.1593 0.0090 0.0000 0.0167 0.0000	474 431 2,432 0	2.7200 6.1600 6.7700 5.3900 5.7000 3.8500 7.6100 4.3200 6.2800 DPTC AP1041 0.0000 0.0000 0.0000 0.0000 0.0000	CY2006 Co-product: 5,440 lbs/yr. CY2007 Co-product: 12,320 lbs/yr. CY2008 Co-product: 13,540 lbs/yr. CY2009 Co-product: 10,780 lbs/yr. CY2010 Co-product: 11,400 lbs/yr. CY2011 Co-product: 7.700 lbs/yr. CY2011 Co-product: 15,220 lbs/yr. CY2012 Co-product: 15,220 lbs/yr. CY2013 Co-product: 8,640 lbs/yr. CY2014 Co-product: 12,560 lbs/yr. CY2014 Co-product: 12,560 lbs/yr2253  Furnace #1 emissions factor derived from 2014 M29 stack test.  Furnace #2 emissions factor derived from 2014 M29 stack test.  Retort A emissions factor derived from July 2014 M29 stack test.  Retort B decommissioned in July, 2012.  Retort C emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.

					1	<b>a</b>		T
				Facility Total:			0.0000	CY2008 Co-product: 0.00 lbs/yr.
				Facility Total:			0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 F	Facility Total:	14.2333		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total:	32.0815		0.0099	CY2011 Co-product: 19.87 lbs/yr.
				Facility Total:	21.8322		0.0100	CY2012 Co-product: 10.40 lbs/yr.
				Facility Total:			0.0059	CY2013 Co-product: 11.90 lbs/yr.
			CY2014 Fa	acility Total:	2.6214		0.0030	CY2014 Co-product: 5.72 lbs/yr.
Source: Ba	arrick, Bald Mounta	ain Mine - Hunting	gton Valley/Moo	oney Basin: /	AQOP AP1041-1362; I	MOPTC AP1	041-2246	
System Des	scription: Propane	Fired Carbon Re	egeneration Kilr	n (S2.001/TU	J4.001)			
Hg	0.00	tpy	Ĭ	lbs/hr	0.0000	0	0.0000	Carbon Kiln decommissioned in May, 2012.
System Des	scription: Propane		Retort (S2.002/T	U4.002)				
Hg	0.00	tpy		lbs/hr	0.0000	0	0.0000	Retort decommissioned in May, 2012.
	scription: Propane		rnace (\$2,003/					
Hg	0.00	tpy	(02:000)	lbs/hr	0.0000	0	0.0000	Bullion Furnace decommissioned in May, 2012.
			A1 024/TH4 004		Strip Solution Tank (		0.0000	Damon i arrado documento de may, 2012.
Hg	0.00	gals/yr	711.02 1/10 1.00	lbs/hr	0.0000	0	0.0000	EW Circuit decommissioned in May, 2012.
	scription: Mercury			103/111	0.0000		0.0000	EVV Oneun decommissioned in May, 2012.
	Indicate	1	T		0.0000		0.0000	Escility wide mercury on product collected, no breakout by system provided
Hg Systom Dou	scription: Assay L	aboratory			0.0000		0.0000	Facility-wide mercury co-product collected, no breakout by system provided.
	Scription. Assay L	aboratory	1 1		3.6439		0.0000	Detential to amit (DTE) not actual and De Minimia Designation Tech Deview
Hg		1	0\/0000	Facility Tate				Potential to emit (PTE), not actual - see De Minimis Designation Tech. Review.
				Facility Total:	204.3025	-	2.9400	CY2006 Co-product: 5,880 lbs/yr.
				Facility Total:	57.4138	4	2.2750	CY2007 Co-product: 4,550 lbs/yr.
				Facility Total:	278.3220		2.6000	CY2008 Co-product: 5,200 lbs/yr.
				Facility Total:	5.8995		1.5600	CY2009 Co-product: 3,120 lbs/yr.
				Facility Total:	7.8188		1.4300	CY2010 Co-product: 2,860 lbs/yr.
				Facility Total:	3.2198		1.6100	CY2011 Co-product: 3,220.00 lbs/yr.
				Facility Total:	3.1464		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:			0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:			0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: Ra	awhide Mining, LL0	C (formerly Kenne	ecott Rawhide N	Mining Comp	any - Denton-Rawhide	Mine): AQC	OP AP1041-28	92; OPTC AP1041-2975; MOPTC AP1041-2245
System Des	scription: Carbon	Regeneration Kil	In (S2.001/TU4.	.001)				
Hg	189.20	tpy	0.00000154	lbs/hr	0.0069	4,505	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.
Hg System De:		tpy winning Circuit (I/	0.00000154	lbs/hr	0.0069	4,505	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.
System Des	scription: Electro-	winning Circuit (I/	0.00000154 A3.007/TU4.002	ĺbs/hr 2)		•		
System Des Hg	scription: Electro-	winning Circuit (I/ gals/yr	0.00000154 A3.007/TU4.002 0.00000545	lbs/hr 2) lbs/hr	0.0069	4,505 3,259	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.  Electro-winning Cells emissions factor derived from 2014 M29 stack test.
System Des Hg System Des	Scription: Electro- Not Reported Scription: Refinery	winning Circuit (I/ gals/yr Induction Furna	0.00000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4	lbs/hr 2) lbs/hr 4.003)	0.0178	3,259	0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg	Not Reported scription: Refinery 67.70	winning Circuit (I/ gals/yr / Induction Furnac tpy	0.00000154 A3.007/TU4.002 0.00000545 ice (S2.004/TU4 0.0000576	lbs/hr   2)   lbs/hr   4.003)   lbs/hr		•		
System Des Hg System Des Hg System Des	Not Reported scription: Refinery 67.70 scription: System	winning Circuit (I/ gals/yr Induction Furna tpy 1 - Mercury Reto	0.00000154 A3.007/TU4.002 0.00000545 cc (S2.004/TU4 0.0000576 ort (System 2 - S	lbs/hr   2)   lbs/hr   4.003)   lbs/hr   52.002)	0.0178	3,259	0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95	winning Circuit (I/ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy	0.00000154 A3.007/TU4.002 0.00000545 ice (S2.004/TU4 0.0000576	lbs/hr   2)   lbs/hr   4.003)   lbs/hr	0.0178	3,259	0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des	Not Reported scription: Refinery 67.70 scription: System	winning Circuit (I/ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy	0.00000154 A3.007/TU4.002 0.00000545 cc (S2.004/TU4 0.0000576 ort (System 2 - S	lbs/hr   2)   lbs/hr   4.003)   lbs/hr   52.002)	0.0178 0.0570 0.0965	3,259	0.0000 0.0000 0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.   Refinery Furnace emissions factor derived from 2014 M29 stack test.   Retort emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.00000154 A3.007/TU4.002 0.00000545 cc (S2.004/TU4 0.0000576 ort (System 2 - S	lbs/hr   2)   lbs/hr   4.003)   lbs/hr   52.002)	0.0178	3,259	0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.00000154 A3.007/TU4.002 0.00000545 cc (S2.004/TU4 0.0000576 ort (System 2 - S	lbs/hr   2)   lbs/hr   4.003)   lbs/hr   52.002)	0.0178 0.0570 0.0965 0.0000	3,259	0.0000 0.0000 0.0000 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.     Refinery Furnace emissions factor derived from 2014 M29 stack test.     Retort emissions factor derived from 2014 M29 stack test.     Facility-wide mercury co-product collected, no breakout by system provided.
System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183	lbs/hr   2)   lbs/hr   4.003)   lbs/hr   52.002)   lbs/hr	0.0178 0.0570 0.0965 0.0000	3,259	0.0000 0.0000 0.0000 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.00000154 A3.007/TU4.002 0.00000545 ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183	lbs/hr 2) lbs/hr 4.003) lbs/hr 32.002) lbs/hr Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.  CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.00000154 A3.007/TU4.002 0.00000545 ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183 CY2006 F CY2007 F CY2008 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 32.002) lbs/hr Facility Total: Facility Total: Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.  CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 52.40 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.000183 CY2006 F CY2007 F CY2008 F CY2009 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr Facility Total: Facility Total: Facility Total: Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.  CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 52.40 lbs/yr.  CY2009 Co-product: 51.40 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183 CY2006 F CY2006 F CY2008 F CY2009 F CY2010 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr Facility Total: Facility Total: Facility Total: Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 51.80 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2006 F CY2007 CY2008 F CY2010 F CY2011 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 I.C. (S2.004/TU4 0.0000576 Int (System 2 - S) 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131 7.1176	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.
System Des Hg System Des Hg System Des Hg System Des Hg System Des	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury	winning Circuit (IJ gals/yr r Induction Furnac tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2007 F CY2009 F CY2010 F CY2011 F CY2012 F CY2013 F	lbs/hr 2) lbs/hr 4.003) lbs/hr 52.002) lbs/hr Facility Total:	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131 7.1176 0.0743	3,259	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 52.40 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass	winning Circuit (I/ gals/yr / Induction Furnar tpy 1 - Mercury Reto tpy Co-Product	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2014 Fe	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 32.002) Ibs/hr 32.00	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131 7.1176 0.0743 0.1924	989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr. CY2007 Co-product: 55.20 lbs/yr. CY2008 Co-product: 55.20 lbs/yr. CY2009 Co-product: 51.60 lbs/yr. CY2010 Co-product: 15.80 lbs/yr. CY2011 Co-product: 46.00 lbs/yr. CY2012 Co-product: 49.80 lbs/yr. CY2013 Co-product: 254 lbs/yr. CY2014 Co-product: 254 lbs/yr. CY2014 Co-product: 38.60 lbs/yr.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass	winning Circuit (I/ gals/yr Induction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.00000545 Ice (\$2.004/TU4 0.0000576 ort (\$ystem 2 - \$\$ 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2014 Fe CY2014 Fe Inc Crofoot/Lev	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 32.002) Ibs/hr 32.00	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131 7.1176 0.0743 0.1924	989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 52.40 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass	winning Circuit (I/ gals/yr I Induction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 Ort (System 2 - S 0.000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2011 F CY2013 F CY2014 Fe Inc Crofoot/Let	Ibs/hr 2) Ibs/hr 4.003 Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr Facility Total:	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0	3,259 989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.90 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported	winning Circuit (I/ gals/yr I Induction Furnac tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2013 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 32.002) Ibs/hr 32.00	0.0178 0.0570 0.0965 0.0000 0.0142 351.5928 39.5645 13.0908 12.0029 37.6433 78.5131 7.1176 0.0743 0.1924	989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr. CY2007 Co-product: 55.20 lbs/yr. CY2008 Co-product: 55.20 lbs/yr. CY2009 Co-product: 51.60 lbs/yr. CY2010 Co-product: 15.80 lbs/yr. CY2011 Co-product: 46.00 lbs/yr. CY2012 Co-product: 49.80 lbs/yr. CY2013 Co-product: 254 lbs/yr. CY2014 Co-product: 254 lbs/yr. CY2014 Co-product: 38.60 lbs/yr.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass	winning Circuit (I/ gals/yr I Induction Furnac tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2013 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596	Ibs/hr 2) Ibs/hr 4.003 Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr Facility Total:	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.0743  0.1924  AQOP AP1041-0334.0	3,259 989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.90 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported	winning Circuit (I/ gals/yr I Induction Furnac tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2013 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596	Ibs/hr 2) Ibs/hr 4.003 Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr Facility Total:	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0	3,259 989 5,272	0.0000 0.0000 0.0000 0.0193 0.0000 0.0621 0.0276 0.0262 0.0258 0.0079 0.0230 0.0249 0.1270 0.0193	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.90 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  ycroft Resources & scription: Mercury Not Reported scription: Smelting	winning Circuit (I/ gals/yr I Induction Furnace tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.000195	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr Facility Total: Facility Total: Facility Total: Facility Total: Facility Total: Facility Total: Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.0743  0.1924  AQOP AP1041-0334.0	3,259 989 5,272 5,272 02; OPTC AF	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  01041-2974; O	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  ycroft Resources & scription: Mercury Not Reported scription: Smelting Not Reported	winning Circuit (I/ gals/yr / Induction Furnace tpy 1 - Mercury Reto tpy Co-Product asy Laboratory Retort #1 (TU4.6 tpy g Furnace #1 (TU tpy Retort #2 (TU4.6	0.0000154 A3.007/TU4.002 0.0000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.000195	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr Facility Total: Facility Total: Facility Total: Facility Total: Facility Total: Facility Total: Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.0743  0.1924  AQOP AP1041-0334.0	3,259 989 5,272 5,272 02; OPTC AF	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  01041-2974; O	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 49.80 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.
System Des Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  ycroft Resources & scription: Mercury Not Reported scription: Smelting Not Reported scription: Mercury	winning Circuit (I/ gals/yr Induction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.0000152	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr Facility Total: Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0  0.4347  0.9169	3,259 989 5,272 5,272 7,294 4,702	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0276  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  0.0193  0.0249  0.1270  0.0000  0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr. CY2007 Co-product: 55.20 lbs/yr. CY2008 Co-product: 55.20 lbs/yr. CY2009 Co-product: 51.60 lbs/yr. CY2010 Co-product: 15.80 lbs/yr. CY2011 Co-product: 46.00 lbs/yr. CY2011 Co-product: 49.80 lbs/yr. CY2012 Co-product: 254 lbs/yr. CY2013 Co-product: 254 lbs/yr. CY2014 Co-product: 38.60 lbs/yr. CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255  Retort emissions factor derived from 2014 M29 stack test.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported scription: Mercury	winning Circuit (I/ gals/yr Induction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory was part of the total control of the total ay Laboratory ay Laboratory grunace #1 (TU4.0 tpy grunace #1 (TU4.0 tpy Retort #2 (TU4.0	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2014 Fe Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.0000152 003) 0.00000152	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr 4.003 Ibs/hr 32.002) Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr Ibs/hr Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0  0.4347  0.9169  0.0108	3,259 989 5,272 5,272 7,294 4,702 7,082	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0276  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  0.0000  0.0000  0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 49.80 lbs/yr.  CY2012 Co-product: 254 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255  Retort emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.
System De: Hg	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported scription: Mercury	winning Circuit (I/ gals/yr Induction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory way Laboratory Laboratory tpy g Furnace #1 (TU4.6 tpy g Furnace #1 (TU4.6 tpy Retort #2 (TU4.6 tpy	0.0000154 A3.007/TU4.002 0.00000545 Ice (\$2.004/TU4 0.0000576 Ort (\$ystem 2 - \$\$ 0.000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2014 F2 CY2014 F2 Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.0000152 0004) 0	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr Facility Total: Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0  0.4347  0.9169	3,259 989 5,272 5,272 7,294 4,702	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0276  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  0.0193  0.0249  0.1270  0.0000  0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr. CY2007 Co-product: 55.20 lbs/yr. CY2008 Co-product: 55.20 lbs/yr. CY2009 Co-product: 51.60 lbs/yr. CY2010 Co-product: 15.80 lbs/yr. CY2011 Co-product: 46.00 lbs/yr. CY2011 Co-product: 49.80 lbs/yr. CY2012 Co-product: 254 lbs/yr. CY2013 Co-product: 254 lbs/yr. CY2014 Co-product: 38.60 lbs/yr. CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255  Retort emissions factor derived from 2014 M29 stack test.
System Dei Hg System Dei	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported scription: Mercury	winning Circuit (I/ gals/yr I nduction Furnar tpy 1 - Mercury Reto tpy Co-Product ay Laboratory way Laboratory way Laboratory tpy g Furnace #1 (TU4.0 tpy Retort #2 (TU4.0 tpy Retort #3 (TU4.0 tpy Retort #4 (TU4.0	0.00000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 Ott (System 2 - S 0.000183  CY2006 F CY2007 F CY2008 F CY2011 F CY2012 F CY2012 F CY2014 F2 Inc Crofoot/Lev 001) 0.0000596 J4.002) 0.000195 0.00000152 004) 0 005)	Ibs/hr 2) Ibs/hr 4.003 Ibs/hr 52.002) Ibs/hr 52.002) Ibs/hr Facility Total: Facility Total: Facility Total: Facility Total: wis Project: Ibs/hr Ibs/hr Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0  0.4347  0.9169  0.0108	3,259 989 5,272 5,272 02; OPTC AF 7,294 4,702 7,082	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0276  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  P1041-2974; C	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 46.00 lbs/yr.  CY2012 Co-product: 46.00 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255  Retort emissions factor derived from 2014 M29 stack test.  Furnace emissions factor derived from 2014 M29 stack test.  System not yet constructed in 2014.
System De: Hg System De:	scription: Electro- Not Reported scription: Refinery 67.70 scription: System 36.95 scription: Mercury scription: Fire Ass  yerroft Resources & scription: Mercury Not Reported scription: Mercury	winning Circuit (I/ gals/yr Induction Furnace tpy 1 - Mercury Reto tpy Co-Product ay Laboratory Retort #1 (TU4.0 tpy g Furnace #1 (TU tpy Retort #2 (TU4.0 tpy Retort #3 (TU4.0 tpy Retort #4 (TU4.0	0.0000154 A3.007/TU4.002 0.00000545 Ice (S2.004/TU4 0.0000576 ort (System 2 - S 0.0000183  CY2006 F CY2007 F CY2008 F CY2010 F CY2011 F CY2012 F CY2014 F CY2014 F CY2015 O000195 0.0000152 0.0000152 0004) 0 0005) 0 00050	Ibs/hr 2) Ibs/hr 4.003) Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr 32.002) Ibs/hr 4.003 Ibs/hr 32.002) Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr 4.003 Ibs/hr Ibs/hr Ibs/hr	0.0178  0.0570  0.0965  0.0000  0.0142  351.5928  39.5645  13.0908  12.0029  37.6433  78.5131  7.1176  0.0743  0.1924  AQOP AP1041-0334.0  0.4347  0.9169  0.0108	3,259 989 5,272 5,272 7,294 4,702 7,082	0.0000  0.0000  0.0000  0.0193  0.0000  0.0621  0.0276  0.0262  0.0258  0.0079  0.0230  0.0249  0.1270  0.0193  0.0000  0.0000  0.0000	Electro-winning Cells emissions factor derived from 2014 M29 stack test.  Refinery Furnace emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.  Facility-wide mercury co-product collected, no breakout by system provided.  Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev. CY2006 Co-product: 124.20 lbs/yr.  CY2007 Co-product: 55.20 lbs/yr.  CY2008 Co-product: 55.20 lbs/yr.  CY2009 Co-product: 51.60 lbs/yr.  CY2010 Co-product: 15.80 lbs/yr.  CY2011 Co-product: 49.80 lbs/yr.  CY2012 Co-product: 254 lbs/yr.  CY2013 Co-product: 254 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  CY2014 Co-product: 38.60 lbs/yr.  PTC AP1041-3269; OPTC AP1041-3344; MOPTC AP1041-2255  Retort emissions factor derived from 2014 M29 stack test.  Retort emissions factor derived from 2014 M29 stack test.

Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	System not yet constructed in 2014.
System Descr	ription: Smeltino	g Furnace #2 (TU	4.007)					
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	System not yet constructed in 2014.
		Furnace #3 (TU						
Hg	0.00	<u> </u>	0	lbs/hr	0.0000	0	0.0000	System not yet constructed in 2014.
		tpy		105/111	0.0000	U	0.0000	System not yet constructed in 2014.
	ription: Mercury	Co-Product						
Hg					0.0000		56.9100	Facility-wide mercury co-product collected, no breakout by system provided.
System Descr	ription: Assay L	aboratory						
Hg		T ,	1		4.4797		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
rig		I .	CV2006	Facility Total:	0.0000		0.0000	CY2006 Co-product: 0.00 lbs/yr.
				Facility Total:	0.0000		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008	Facility Total:	0.0000		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009	Facility Total:	4.5299		0.8000	CY2009 Co-product: 1,600 lbs/yr.
			-	Facility Total:	4.5219		4.2000	CY2010 Co-product: 8,400 lbs/yr.
				Facility Total:	4.5242		23.0700	CY2011 Co-product: 46,147 lbs/yr.
				Facility Total:	4.4784		34.0200	CY2012 Co-product: 68,047 lbs/yr.
			CY2013	Facility Total:	4.4959		27.6700	CY2012 Co-product: 53,340 lbs/yr.
			CY2014 F	acility Total:	5.8421		56.9100	CY2014 Co-product: 113,820 lbs/yr.
Caurage Mata	artan Clabal Min	ing Company III				form orbit.		es, Inc.).: AQOP AP1041-3127; OPTC AP1041-2853; MOPTC AP1041-2248
								15, IIIC.J.: AQUE AFTU41-3121; UFTU AFTU41-2853; MUFTU AFTU41-2248
_	•				winning Circuit (TU4.0			
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	System did not operate in 2014.
System Descr	ription: Mercury		Tanks & Elec	tro-winning Ci	ircuit (TU4.002 - TU4.0	006)		
Hg	0.10	tpy	1 2.00	lbs/hr	0.0000	18	0.0000	System barely operated in 2014, shut down in January, no testing conducted.
								Dystom barely operated in 2014, shut down in bandary, no testing conducted.
			anks & Electro		uit (TU4.002, TU4.003	T. Control of the con		
HG	0.2	tpy		lbs/hr	0.0000	20	0.0000	System barely operated in 2014, shut down in January, no testing conducted.
System Descr	ription: Mercury	Co-Product						
Hg					0.0000		0.0000	Facility-wide mercury co-product collected, no breakout by system provided.
	ription: Assay L	oborotoni	<u> </u>	1	0.0000		0.0000	i domity wide moreary so product concertod, no broakedt by cyclem provided.
	nplion. Assay L	abbraiory	T			T		
Hg					0.0076		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006	Facility Total:	0.0000		0.0000	CY2006 Co-product: 0.00 lbs/yr.
			CY2007	Facility Total:	0.0000		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				Facility Total:	0.2838		0.0000	CY2008 Co-product: 0.00 lbs/yr.
				Facility Total:	0.2838		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				Facility Total:	0.0222		0.0000	CY2010 Co-product: 0.00 lbs/yr.
			CY2011	Facility Total:	0.0022		0.0000	CY2011 Co-product: 0.00 lbs/yr.
			CY2012	Facility Total:	3.7066		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	0.0276		0.0000	CY2013 Co-product: 0.00 lbs/yr.
						4		
			CY2014 F	acility Total:	0.0076		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: Coeu	ur D'Alene Minin	g Corporation - C	oeur Rocheste	er Mine: AQC	OP AP1044-0063.02; N	MOPTC AP1	041-2242	
System Descr	ription: Refinery	Furnace (TU4.00	)1)					
Hg	193.00	tpy	0.000643	lbs/hr	0.2945	458	0.0000	Refinery Furnace emissions factor derived from 2014 M29 stack test.
0 1 0		D + + (TH4 cos		103/111	0.2343	430	0.0000	Trefinery Furnace emissions factor derived from 2014 M25 Stack test.
		Retorts (TU4.002		•		•	•	
Hg	303.00	tpy	0.00000377	lbs/hr	0.0188	4,984	0.0000	Retort emissions factor derived from 2014 M29 stack test.
System Descr	ription: Mercury	Co-Product						
Hg					0.0000		13.2000	Facility-wide mercury co-product collected, no breakout by system provided.
	ription: Assay L	ahoratory			0.000			
	iipiioii. Assay L	aboratory	T	ı	4.0005	T	0.0000	Detection and (DTE) and extend and D. Millian D. M. T. C. D.
Hg			<u> </u>	<u> </u>	1.8805		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006	Facility Total:	2.8872		16.1000	CY2006 Co-product: 32,200 lbs/yr.
			CY2007	Facility Total:	137.0958		15.4000	CY2007 Co-product: 30,800 lbs/yr.
				Facility Total:	9.9144	1	15.6000	CY2008 Co-product: 31,200 lbs/yr.
						1		
				Facility Total:			10.7000	CY2009 Co-product: 21,400 lbs/yr.
				Facility Total:	2.6426		12.3000	CY2010 Co-product: 24,600 lbs/yr.
			CY2011	Facility Total:	3.3523		11.2000	CY2011 Co-product: 22,400 lbs/yr.
				Facility Total:	3.2552	1	20.4000	CY2012 Co-product: 40,800 lbs/yr.
				Facility Total:	2.6378	1	14.5000	CY2013 Co-product: 29,000 lbs/yr.
						4		, ,
				acility Total:	2.1938		13.2000	CY2014 Co-product: 26,400 lbs/yr.
Source: Newr	mont Mining Co	rporation - Lone T	ree Mine: AC	OP AP1041-	0059; MOPTC AP104 <sup>-</sup>	1-2251		
		winning Cells (Eas			.,			
	IIPUUII. LIEUUU-		J. Olack)	lbc/br	0.0000		0.0000	IEW Colle were decommissioned throughout 2010. Lens Tree remains in
				lbs/hr	0.0000	0	0.0000	EW Cells were decommissioned throughout 2012. Lone Tree remains in
Hg	0.00	gals/yr						
Hg	0.00							temporary closure.
Hg	0.00		est Stack)					temporary closure.
Hg System Descr	0.00	winning Cells (We	est Stack)	lhe/hr	0,0000	n	0,0000	
Hg	0.00		est Stack)	lbs/hr	0.0000	0	0.0000	EW Cells were decommissioned throughout 2012. Lone Tree remains in
Hg System Descr	0.00	winning Cells (We	est Stack)	lbs/hr	0.0000	0	0.0000	

System Des	scription: Electro-v	vinning Cells (Sc	avenger Stack	)				
Hg	0.00	gals/yr	I Clack	lbs/hr	0.0000	0	0.0000	EW Cells were decommissioned throughout 2012. Lone Tree remains in
rig	0.00	yais/yi	ı	IDS/III	0.0000		0.0000	<b>-</b>
Cuatam D-	orintian. Draws	t and Parran Cal	ition Tools					temporary closure.
	scription: Pregnan		Tanks	llag/lau	0.0000	1 0 1	0.0000	ID/D Tonke were decommissioned throughout 0040. Leve Tree were
Hg	0.00	tpy - carbon	I	lbs/hr	0.0000	0	0.0000	P/B Tanks were decommissioned throughout 2012. Lone Tree remains in
0		O - D						temporary closure.
_	scription: Mercury	Co-Product	T					Te un in a la l
Hg	1		<u> </u>		0.0000		0.0000	Facility-wide mercury co-product collected, no breakout by system provided.
	cription: Sample	Room, Fire Assa	y Room, Wet I	.aboratory, Ll	CO Laboratory, Met I	Laboratory		
Hg					1.8788		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				acility Total:	622.1013		0.0000	CY2006 Co-product: 0.00 lbs/yr.
				acility Total:	148.0964		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008	acility Total:	67.1251		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009	acility Total:	7.2136		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010	acility Total:	3.0212		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				acility Total:	1.8788		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				acility Total:	1.8788	1	0.0000	CY2012 Co-product: 0.00 lbs/yr.
				acility Total:	1.8788	1	0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	1.8788		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Cource: De	rrick Cortez Inc	Cortoz Hillo and			P1041-2141; MOPTC	AD1041 000		10 120 1 1 00 product. Good is a gri
					F 1041-2141, MOPTO	AF 1041-222	U	
_	scription: Refinery				0.0000	040	0.0000	From #4 decited in line with Detects FF decited force 0044 M00 start 1
Hg	27.02	tpy	0.0000371	lbs/hr	0.0090	242	0.0000	Furn. #1 ducted in-line with Retorts, EF derived from 2014 M29 stack test.
	cription: Refinery					1		I=
Hg	3.86	tpy	0.00000319		0.0004	115	0.0000	Furn. #2 ducted in-line with Retorts, EF derived from 2014 M29 stack test.
	scription: Electric (							
Hg	32.00	tpy	0.000108	lbs/hr	0.0070	65	0.0000	Carbon Kiln #1 emissions factor derived from 1 run only, 2014 M29 stack test.
System Des	cription: Electric		ion Kiln #2 (S2	2.008/TU4.00	6)			
Hg	310.00	tpy	0.000139	lbs/hr	0.0873	628	0.0000	Carbon Kiln #2 emissions factor derived from 2014 M29 stack test.
System Des	cription: East Ele	ctro-winning Circ	uit (IA1.096/TL	J4.001) includ	ling Pregnant and Bar	rren Strip Solu	ution Tanks (T	U4.008 & TU4.009)
Hg	29,056,534.00		0.0000117	lbs/hr	0.0859	7,345	0.0000	EW Circuit & P/B Tanks emissions factor derived from 2014 M29 stack test.
	scription: West Ele			U4.002)				
Hg	14,604,933.00		0.00000952	lbs/hr	0.0680	7,142	0.0000	EW Cells emissions factor derived from 2014 M29 stack test.
	scription: Mercury							
								Retort emissions factor derived from 2014 M29 stack tests with both retorts
Hg	31.17	tpy	0.0000371	lbs/hr	0.1054	2,840	0.0000	operating. Retort #1 operated 1,600 hrs. & Retort #2 operated 1,240 hrs.
	scription: Mercury		0.0000071	100/111	0.1001	2,010	0.0000	populating. Hotore in operated 1,000 me. a Hotore in operated 1,2 to me.
Hg	Jon Phon. Weredry	- Todaci	1		0.0000	T	0.4900	Facility-wide mercury co-product collected, no breakout by system provided.
	cription: Account	horatory (Anglyti	I ical Lah Buildir	a) Met Labo		ea (Mill Buildi		Gold Sludge Drying Oven, Fire Assay Fusion Furnaces
	T ASSAY L	aboratory (Analyti	T Lab Duildir	ig), iviet Labo	1.8530	ea (IVIIII DUIIQI	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
Hg	<u> </u>		0)/0000					Potential to entit (PTE), not actual - see De Minimis Designation Tech. Rev.
				acility Total:	166.7059	<b>-</b>	0.1200	CY2006 Co-product: 240 lbs/yr.
				acility Total:	208.0466	<b>.</b>	0.3200	CY2007 Co-product: 640 lbs/yr.
				acility Total:	75.8638		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009	acility Total:	1.3905		0.0170	CY2009 Co-product: 34 lbs/yr.
				acility Total:	5.1862		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				acility Total:	5.1815		0.7200	CY2011 Co-product: 1,441 lbs/yr.
				acility Total:	4.2156		1.2100	CY2012 Co-product: 2,412 lbs/yr.
				acility Total:	15.7637		2.2740	CY2013 Co-product: 4,458 lbs/yr.
			CY2014 F	acility Total:	2.2159		0.4900	CY2014 Co-product: 980 lbs/yr.
Source: Flo	rida Canvon Minir	a. Inc Florida (			41-0106.02; MOPTC /	AP1041-2256		
	scription: Mercurt			22. 7 10	3.11.12,0. 107			
	9.17			lhe/hr	0.0003	665	0.0000	Retort A emissions factor derived from 2014 M29 stack tests.
	scription: Mercurt			103/111	0.0000	000	0.0000	וויסנטוניה פווויסטוטוים ווסוווי בסויד ווובט סנמטה נפסנס.
_	Not Reported		5.29E-07	lbe/br	0.0003	501	0.0000	Potert P emissions factor derived from 2014 M20 steek toots
Hg System Doo		tpy		lbs/hr	0.0003	521	0.0000	Retort B emissions factor derived from 2014 M29 stack tests.
	scription: Electro-v		U4.002)	U //	0.0000		0.0000	Telestra unimpirar Call A provincia de Da Mini, de Da de
Hg	1	tpy	111 000)	lbs/hr	0.0000		0.0000	Electro-winning Cell A moved to De Minimis Designation 10/21/13.
	cription: Electro-v		U4.003)			, ,		I=
Hg		tpy		lbs/hr	0.0000		0.0000	Electro-winning Cell B moved to De Minimis Designation 10/21/13.
System Des	scription: Carbon I	Regeneration Kilr	n (S2.007/TU4	.008)				
Hg	21.48	tpy	0.000763	lbs/hr	1.1479	1,504	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack tests.
System Des	cription: Dore Ful	nace (S2.005/TL	J4.001)					
Hg		tpy		lbs/hr	0.0000		0.0000	Dore Furnace moved to De Minimis Designation 10/21/13.
	scription: Pregnan		)					
Hg		hrs/yr		lbs/hr	0.0000		0.0000	Pregnant Tank moved to De Minimis Designation 12/17/09.
. 9	1	5, ,.	1			1	2.2000	-3

System Descri	ription: Barren T	ank (TH4 007)						
Hg	npaon. Danen I	hrs/yr		lbs/hr	0.0000	T T	0.0000	Barren Tank moved to De Minimis Designation 12/17/09.
	ription: Mercury			103/111	0.0000		0.0000	Dairen Tarik Moved to De Williams Designation 12/17/09.
Hg	npaon. Mercury	Jost Toudel			0.0000	T	0.1250	Equility wide mercury on product collected, no breakout by system provided
	rintion: Accoult	horatory Flootro	-winning Cells	Pregnant 9	Barren Tanks and Do	re Furnace	0.1230	Facility-wide mercury co-product collected, no breakout by system provided.
Hg	iipiloii. Assay La	boratory, Electro	I Cells	, r regnant &	2.9861	Te i uniace.	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
пg			CV2006	Facility Total:			0.2264	CY2006 Co-product: 452.80 lbs/yr.
						_	0.2264	
				Facility Total:		_		CY2007 Co-product: 14.40 lbs/yr.
				Facility Total:		_	0.2875	CY2008 Co-product: 575 lbs/yr.
				Facility Total:		_	0.8120	CY2009 Co-product: 1,624 lbs/yr.
				Facility Total:		_	0.3090	CY2010 Co-product: 618 lbs/yr.
				Facility Total:	51.7290	_	1.2700	CY2011 Co-product: 2,538 lbs/yr. (1,829.00 "liquid"; 709.00 sludge)
				Facility Total:		_	0.6300	CY2012 Co-product: 1,252 lbs/yr. (892.00 "liquid"; 360.00 sludge)
				Facility Total:		_	1.2150	CY2013 Co-product: 1,450 lbs/yr. (sludge)
				acility Total:			0.1250	CY2014 Co-product: 250 lbs/yr. (sludge)
Source: Rour	nd Mountain Gold	d Corporation - S	moky Valley/G	old Hill Com	mon Operation: AQOI	P AP1041-04	44.01; MOPTC	GAP1041-2250
System Descr	ription: Smoky V	alley Carbon Rea	activation Kiln	(S2.121/TU4	.001)			
Hg	1,841.00	tpy	0.00000323	lbs/hr	0.0196	6,077	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.  The Pregnant Strip Solution Tank and both Barren Strip Solution Tanks were removed from this system and added to the ADR Carbon Stripping Circuit April 16,2014.
System Descr	ription: Smoky V	alley Electric Indi	uction Furnace	e (S2.130/TU	4.005)			
Hg	28.19	tpy	0.000209	lbs/hr	0.0793	379	0.0000	Furnace emissions factor derived from average of 2014 M29 stack tests.
System Descr	ription: Gold Hill							
Hg	1,295.00	tpy	0.00000135	lbs/hr	0.0070	5,196	0.0000	Carbon Kiln emissions factor derived from average of 2014 M29 stack tests.
System Descr	ription: Gold Hill	Carbon Stripping	Circuit - Elect	ro-winning Ci	rcuit & Pregnant/Barre	en Strip Solut	ionTanks (S2.1	58 - S2.160/TU4.007 - TU4.009)
Hg	21,225,459.00	gals/yr	0.000639	lbs/hr	4.3541	6,814	0.0000	Carbon Strip Circuit em. factor derived from average of 2014 M29 stack tests.
System Descr	ription: Gold Hill	Mercury Retort (		10)				
Hg	7.20	tpy	7.36E-07	lbs/hr	0.0012	1,685	0.0000	Retort emissions factor derived from average of 2014 M29 stack tests.
	ription: Gold Hill							
Hg	7.10	tpy	0.00000668	lbs/hr	0.0016	244	0.0000	Furnace emissions factor derived from average of 2014 M29 stack tests.
								tionTanks(TU4.002 - TU4.004 & TU4.012))
	21,464,338.00	gals/yr	0.000369	lbs/hr	3.1915	8,649	0.0000	Carbon Strip Circuit em. factor derived from average of 2014 M29 stack tests.
	ription: Mercury							
Hg	-				0.0000		0.3450	Facility-wide mercury co-product collected, no breakout by system provided.
	ription: RMG Ref	inery Electro-wini	ning Vent & O	vens, Assay I	_aboratory Ovens.			
Hg				,	1.4108		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006	Facility Total:	57.0585		0.0085	CY2006 Co-product: 17 lbs/yr.
I				Facility Total:		1	0.0000	CY2007 Co-product: 0.00 lbs/yr.
I				Facility Total:		1	0.0000	CY2008 Co-product: 0.00 lbs/yr.
I				Facility Total:		1	0.0000	CY2009 Co-product: 0.00 lbs/yr.
I				Facility Total:		1	0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total:		1	0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:		1	0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:		1	0.3150	CY2013 Co-product: 629.90 lbs/yr.
				acility Total:			0.3450	CY2014 Co-product: 690.00 lbs/yr.
Source: Hom	estake Mining C	ompany of Califo			P AP1041-0713.01; N	MOPTO AP10		,
	ription: Electric (				, , , , , , , , , , , , , , , , , , ,	10 Al 10	11 2202	
Hg	inpatori. Electric C	tpy		lbs/hr	0.0000	I	0.0000	Carbon Kiln was decommissioned 04/25/11 and did not operate in 2014.
	ription: Electric N		2 022/THA 00		0.0000	1	0.0000	Tourson Tain was accommissioned o-7/25/11 and did not operate in 2014.
11	inpaton. Liectife i	Aur.		lbs/hr	0.0000	T	0.0000	Retort was decommissioned 04/25/11 and did not operate in 2014.
System Descr	ription: Electric F	tpy Refinery Induction				1	0.0000	protort was decommissioned 04/25/11 and the not operate in 2014.
Hg	ilpaon. Liectife r	•	l i umace (32.	lbs/hr	0.0000	T	0.0000	Furnace was decommissioned 04/25/11 and did not operate in 2014.
	rintion: Floatro	tpy	2 (IA1 005/TU		regnant and Barren St	trin Solution		
Hg	iipiioii. Electro-w	gals/yr	Z (IA1.005/10	4.004) and P	0.0000		0.0000	EW Circuit was decommissioned 04/25/11 and did not operate in 2014.
	ription: Assay La	0 ,		IDS/III	0.0000		0.0000	L v V Oncom vas decommissioned 04/25/11 and did not operate in 2014.
Hg Hg	npuon. Assay La	DUTALUTY	T		1 2010	T	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CVOOC	Engility Tatal	1.3818	1	0.0000	
rig			UY2006	Facility Total:		-	0.5000	CY2006 Co-product: 1,000 lbs/yr.
rig				Facility Tet 1				
rig			CY2007	Facility Total:		_	0.3800	CY2007 Co-product: 760 lbs/yr.
rig			CY2007 CY2008	Facility Total:	1.3883		0.2400	CY2008 Co-product: 480 lbs/yr.
I			CY2007 CY2008 CY2009	Facility Total: Facility Total:	1.3883 7.2874		0.2400 0.1762	CY2008 Co-product: 480 lbs/yr. CY2009 Co-product: 352.40 lbs/yr.
_ rig [			CY2007 CY2008 CY2009 CY2010	Facility Total:	1.3883 7.2874 34.4158		0.2400	CY2008 Co-product: 480 lbs/yr.

							1	
				acility Total:	1.3818		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				acility Total:	1.3818		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				cility Total:	1.3818		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: Ma	rigold Mining Comp	any - Marigold	Mine: AQOP A	P1041-0158.	02; MOPTC AP1041-2	2254		
	scription: Carbon R				0.0070		1 00000	
Hg	560.70	tpy	0.00000339	lbs/hr	0.0076	2,238	0.0000	Carbon Kiln emissions factor derived from average of 2014 M29 stack tests.
	scription: Mercury F 9.70		0.0001095	U= = /l= ::	0.4000	1.040	0.0000	Detect emissions featen desired from a common of 0014 M00 should be at
Hg System Dos	scription: Tilting Cru	tpy		lbs/hr	0.1368	1,249	0.0000	Retort emissions factor derived from average of 2014 M29 stack tests.
Hg	6.50	tpy	0.00049	lbs/hr	0.1245	254	0.0000	Furnace emissions factor derived from average of 2014 M29 stack tests.
	scription: Electro-wi			103/111	0.1240	204	0.0000	I difface chilosions factor actived from average of 2014 M20 Stack (ests.
Hg	63,705.00	tpy	0.00012	lbs/hr				Electro-winning Cells emissions factor derived from average of 2014 M29 stack
	scription: Pregnant		ank (TU4.005)					tests. Pregnant and Barren Strip Solution Tanks vented to a common stack
Hg	See Above	tpy	See Above	lbs/hr				with Electro-winning Cells, therefore, emissions factor is for all three units.
System Des	cription: Barren St	rip Solution Tan	ık (TU4.006)					
Hg	See Above	tpy	See Above	lbs/hr	1.0512	8,760	0.0000	
	scription: Mercury C	o-Product						
Hg			<u> </u>		0.0000		0.0000	Elemental mercury collected reported as hazardous waste, not co-product.
	scription: Assay Lat	oratory	1	ı	0.0400		0.0000	Determinate annis (DTC) and natural and D. Millia D. L. W. T. J. D.
Hg			0)/0000 5	acility Tatal	2.0489		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				acility Total:	908.0610 5.2255		0.1675 0.2450	CY2006 Co-product: 335 lbs/yr. CY2007 Co-product: 490 lbs/yr.
				acility Total:	10.4883		0.5690	CY2008 Co-product: 1,138 lbs/yr.
				acility Total:	4.4540		0.8160	CY2009 Co-product: 1,130 lbs/yr.
				acility Total:	9.3695		1.0330	CY2010 Co-product: 2,066 lbs/yr.
				acility Total:	11.1707		1.0500	CY2011 Co-product: 2,100 lbs/yr.
				acility Total:	2.1159		1.4600	CY2012 Co-product: 2,927 lbs/yr.
				acility Total:	7.5577		0.4765	CY2013 Co-product: 953 lbs/yr.
			CY2014 Fa	cility Total:	3.3689		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: Box	realis Mining Comp	any: AQOP AF	1041-2855; MC	PTC AP104	1-2228			
					iln (S2.003/TU4.001)			
Hg	335.00	tpy	0.0000103	lb/hr	0.0276	2,680	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.
	scription: Deep Bed							
Hg	4.90	tpy	0.00000509	lb/hr	0.0017	335	0.0000	Retort emissions factor derived from 2014 M29 stack test.
	scription: Deep Bed					- FO	0.0000	Towns and a state of a state of the state of
Hg System Dec	1.90	tpy Carbon Sarubh	0.00000896	lb/hr	0.0005 6 - \$2.008/TU4.004 -	59	0.0000	Furnace emissions factor derived from 2014 M29 stack test.
Hg	8,887.00		0.00000156	lb/hr	0.0074	4,727	0.0000	Solutions Circuit emissions factor derived from 2014 M29 stack test.
	scription: Mercury C		0.00000130	10/111	0.0074	7,121	0.0000	Conditions official critissions factor derived from 2014 W25 Stack test.
Hg		70 1 100000	T I		0.0000		0.3510	Facility-wide mercury co-product collected, no breakout by system provided.
9	1		CY2006 F	acility Total:	0.0000		0.0000	CY2006 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2008 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				acility Total:	12.0456		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				acility Total:	0.0353		0.1640	CY2013 Co-product: 327.50 lbs/yr.
Courses	wiels Trusser-i D' L	na laa O-+ '		cility Total:	0.0372	1 0040	0.3510	CY2014 Co-product: 702 lbs/yr.
	rrick Turquoise Ridg scription: Assay/Me		eli ivline: AQOF	AP 1041-029	92.01; MOPTC AP104	1-2249		
System Des Hg	Assay/Me	Laboratory	1		4.7375		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
119	1		CY2006 F	acility Total:	10.6752		0.0000	CY2006 Co-product: 0.00 lbs/yr.
				acility Total:	4.9660		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2008 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				acility Total:	4.9462		0.0000	CY2013 Co-product: 0.00 lbs/yr.
			OV0044 E-	cility Total:	4.7375		0.0000	CY2014 Co-product: 0.00 lbs/yr.

Source: No	oble Technologies	Corp.: AQQP AF	21041-2634· M	IOPTC AP104	11-2701			
	scription: Furnace							
Hq	1	1 2.79, 7 0111	, s, s,		4.0026		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
9	ı	1	CY2010	Facility Total:	4.0026		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total:	4.0026	1	0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:	4.0026		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	4.0026		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	4.0026		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: MI	DW Pan IIP (for	merly Midway Gol			-3301; MOPTC AP10	41-3302		
	scription: Carbon			<u> </u>	0001, 1001 10711 10	11 0002		
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	System did not operate in 2014, not yet constructed.
	scription: Mercury							
Hg	0.00	tpy	T 0	lbs/hr	0.0000	0	0.0000	System did not operate in 2014, not yet constructed.
	scription: Melt Fu							
Hq	0.00	tpy	T 0	lbs/hr	0.0000	0	0.0000	System did not operate in 2014, not yet constructed.
		Stripping/Electro-			ks (S2.011/TU4.004 -			
Hg	0.00	tpy	1 0	lbs/hr	0.0000	0	0.0000	System did not operate in 2014, not yet constructed.
	scription: Mercury		-					- <b>,</b>
Hq					0.0000		0.0000	No mercury co-product collected in 2014, not yet constructed.
	scription: No appr	oved De Minimis	Units					
Hg					0.0000		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
	•	•	CY2013	Facility Total:	0.0000		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: AT	TNA Resources, Ir	ic.: AQQP AP104						<u> </u>
	scription: Assay L		5555, 11151	. 37 1011 0				
Hg	1				2.4156		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
9	I		CY2013	Facility Total:	2.4156		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	2.4156		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: To	onkin Springs, LLC	· ΔΟΟΡ ΔΡ1041		_		<u> </u>		
	scription: Assay L				0			
Hg			T		4.9200		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
g			CY2010	Facility Total:	4.9200		0.0000	CY2010 Co-product: 0.00 lbs/yr.
			CY2011	Facility Total:	4.9200		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:	4.9200		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	4.9200		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	4.9200		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Source: Co	omstock Mining L	C (formerly Plum			QOP AP1041-2761; N	MOPTC AP10	041-2690	
	scription: Mercury			arry, EEO). 70	QO: 711 1011 2701, 11	101 10711 10	711 2000	
Hq	42.90	tpy	0.00000477	lbs/hr	0.0231	4,835	0.0000	Retort emissions factor derived from 2014 M29 stack test.
	scription: Refinery			100/111	0.0201	1,000	0.0000	Titotal cimicatoria daliva mani za i i miza didak tadi.
Hq	1.50	tpy	0.000337	lbs/hr	0.0169	50	0.0000	Furnace shut down early 2014. Precipitate sent to Florida Canyon for smelting.
	scription: Mercury		0.00007		3.3100	, 50	2.5000	. Samuel Sana de mi cany 20 mi resignate cont to monda danyon for smothing.
Hg	Tanpara Wordary				0.0000		0.0070	Facility-wide mercury co-product collected - Retort.
System De	scription: Assay L	aboratory (12 The	ermal Units)		0.000		3.3070	. samily made moreoup do product competed. Hotels
Hg			I Sinto		0.0309		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
. 19	I.	1	CY2011	Facility Total:	0.0309		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:	0.2755	1	0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	0.9812	1	0.0003	CY2013 Co-product: 0.583 lbs/yr.
				acility Total:	0.0708	1	0.0070	CY2014 Co-product: 14 lbs/yr.
Source: Mi	ineral Ridge Gold,	II C: AOOD AD1		_		_	0.5010	1
	scription: Assay L			71 10 AI 1041	LLLE			
Hg	L ASSAY L		That Office		2.9851	1	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
119		1	CY2011	Facility Total:	2.1256		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:	2.1256		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	2.9851		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	2.9851		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Cource: A.	urum Joint Venture	LIC: ACOB AE					0.0000	O 120 1 00 producti 0.00 ibo jr.
	scription: Assay L		1041-2511, IVI	OF 10 AP 104	1-2030			
	Scription. Assay L	aboratory	T		2.7982		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
Hg	I	I	CV2000	Facility Total:	2.7962		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				Facility Total:	2.7962	<del> </del>	0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total:	2.7982	<del> </del>	0.0000	CY2011 Co-product: 0.00 lbs/yr.
4			012011	acinty rotal.	2.1302		0.0000	OTZOTT OU PRODUCT. U.OU IDOFYT.

_						=		
				Facility Total:	2.7982		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	2.7982		0.0000	CY2013 Co-product: 0.00 lbs/yr.
			CY2014 F	acility Total:	2.7982		0.0000	CY2014 Co-product: 0. 00 lbs/yr.
					dge Mine): AQOP AP	1041-1457; N	MOPTC AP104	1-2303
System Des	cription: Assay La	aboratory & Dore	Smelting Furn	ace				
Hg					4.4661		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	0.0000		0.0000	CY2006 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY2008 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY2011 Co-product: 0.00 lbs/yr.
				Facility Total:	4.4661		0.0000	CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	4.4661		0.0000	CY2013 Co-product: 0.00 lbs/yr.
				acility Total:	0.0000		0.0000	CY2014 Co-product: 0.00 lbs/yr.
					20.03; MOPTC AP104	11-2247		
_	cription: Electric (							
Hg	2,167.00	tpy	0.0000007	lbs/hr	0.0025	3,612	0.0000	Carbon Kiln emissions factor derived from 2014 M29 stack test.
	cription: Mercury				0.0511		1 00	
Hg	12.00	tpy	9.35E-07	lbs/hr	0.0011	1,226	0.0000	Retort emissions factor derived from average of 2014 M29 stack tests.
	cription: Mercury	Co-Product			0.0000		0.000	IE 29 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hg		t 0 D		O-II D	0.0000	H- 0/5/1	0.0000	Facility-wide mercury co-product collected - Retort.
	cription: Pregnan	t & Barren Tanks	, Electro-winni	ng Cells, Dryi		iits. SXEW I		Metallurgical Lab DM status pending determination.
Hg			0)/0000	- w · ·	0.5762		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	2.3061	-	0.0000	CY2006 Co-product: 0.00 lbs/yr.
				Facility Total:	0.4579		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				Facility Total:	0.8053		0.0000	CY2008 Co-product: 0.00 lbs/yr.
				Facility Total: Facility Total:	1.3102		0.0000	CY2009 Co-product: 0.00 lbs/yr.
				,	0.3835		0.0000	CY2010 Co-product: 0.00 lbs/yr.
				Facility Total: Facility Total:	0.3749 0.3724		0.0000	CY2011 Co-product: 0.00 lbs/yr. CY2012 Co-product: 0.00 lbs/yr.
				Facility Total:	0.5415		0.0000	CY2013 Co-product: 60 lbs/yr.
			CV2014 E	acility Total:	0.5799		0.0000	CY2014 Co-product: 0.00 lbs/yr.
Course: Par	riak Caldatrika Mi	noo Ino: AOOB			P1041-2805; MOPTC	A D1041 200		C12014 Co-product. 0.00 lbs/yr.
					Grinding Process (S2.			2/TU4 001\
Hg	2,663,688.00	tpy	0.000272	lbs/hr	2.042448	7,509	0.0000	Mill Circuit #1 emissions factor derived from 2014 M29 stack test.
					Grinding Process (S2.			
Hg	2,709,105.00	tpy	0.000244	lbs/hr	1.9215	7,875	0.0000	Mill Circuit #2 emissions factor derived from 2014 M29 stack test.
	cription: Roasters					7,075	0.0000	IVIIII Olicult #2 ettiissiotis tactor derived from 2014 W23 stack test.
Cyclom Book	Troubler Troubler	7 11 4 112 (02:200	7.1 4 02.200.2	7101.000 & 1	0 1.00 1)			Roaster Circuit emissions factor derived from average of 2014 M29 stack tests. Testing was conducted during dual Roaster operations. Annual hours operated
i								is the average of individual Roaster operations. Roaster #1 operated 7,600
Hg	5,667,061.00	tpy	0.023	lbs/hr	177.33	7,710	0.0000	hrs/yr, Roaster #2 operated 7,820 hrs/yr.
	cription: North Ro					, ,		
Hg	2,939,848.00	tpy	0.00145	lbs/hr	11.02	7,600	0.0000	Quench Circuit #1 emissions factor derived from 2014 M29 stack test.
	cription: South Ro							
Hg	2,727,215.00	tpy	0.0023	lbs/hr	17.986	7,820	0.0000	Quench Circuit #2 emissions factor derived from 2014 M29 stack test.
	cription: Analytica							
Hg	38.00	tpy	0.000378	lbs/hr	3.3003	8,731	0.0000	Assay Lab emissions factor derived from 2014 M29 satck test.
	cription: Carbon F		(S2.004.1/TU4					
Hg	7,571.00	tpy	0.000221	lbs/hr	1.5627	7,071	0.0000	Carbon Kiln emissions factor derived from average of 2014 M29 stack tests.
			Solution Tanks		U4.009 & TU4.011)			
Hg	Not Reported	gals/yr	0.0000988	lbs/hr	0.2666	2,698	0.0000	P/B Tanks A emissions factor derived from average of 2014 M29 stack tests.
System Des	cription: Pregnan	t & Barren Strip S	Solution Tanks	- Circuit B (T	U4.010 & TU4.012)			
Hg	Not Reported		0.000161	lbs/hr	0.3307	2,054	0.0000	P/B Tanks B emissions factor derived from average of 2014 M29 stack tests.
	cription: Autoclav						Operation	
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave #1 did not operate in 2014.
System Des	cription: Autoclav	es #2 & 3 (S2.01	6 & S2.017/TL	J4.014 & TU4	.015))	Acidic	Operation	
								Autoclave #2 did not operate in 2014. Autoclave #3 emissions factor derived from 2014 M29 stack test.
Hg	145,622.00	tpy	0.0012	lbs/hr	1.5552	1,296	0.0000	
			•	-		<u></u>		

O t D		- #4 0 (00 010	CO 000/TUA	040 TH4 04	10//	A -:-!:-	O	
System Desc	ription: Autoclave	es #4 - 6 (S2.018	- 52.020/104 I	.016 - 104.01	(0))	Acidic	Operation	Autoplayed #4 Comparisons factor devived from 2014 M20 ats-1; tt
								Autoclaves #4 - 6 emissions factor derived from 2014 M29 stack test.
								Testing was conducted during simultaneous operations and only during
								alkaline operations mode. Annual hours operated is the average of individual
								Autoclave operations during acidic mode. Autoclave #4 operated
Hg		tpy	00.000/7114	lbs/hr	0.0000		0.0000	X hours/yr; #5 operated X hours/yr; and #6 operated X hrs/yr.
System Desc	ription: Autoclave	es #4 - 6 (S2.018	- S2.020/TU4	.016 - TU4.01	18)	Alkaline	Operation	
								Autoclaves #4 - 6 emissions factor derived from 2014 M29 stack test.
								Testing was conducted during simultaneous operations and only during
								alkaline operations mode. Annual hours operated is the average of individual
								Autoclave operations during alkaline mode. Autoclave #4 operated
Hg	1,045,712.00	tpy	0.0000207	lbs/hr	0.0680	3,283	0.0000	X hrs/yr; #5 operated X hrs/yr; and #6 operated X hrs/yr.
	ription: Mercury F				0.0040	4.004		D
Hg Cystem Dees	28.00 ription: Mercury F	tpy	0.00000061	lbs/hr	0.0010	1,684	0.0000	Retort #1 emissions factor derived from 2014 M29 stack test.
System Desc Hg	23.00	tpv	0.00000033	lbs/hr	0.0005	1,536	0.0000	Retort#2 emissions factor derived from 2014 M29 stack test.
	ription: Mercury F			IDS/III	0.0005	1,556	0.0000	netor#2 emissions factor derived from 2014 M29 stack test.
Hg	26.00	tpy	5.51E-07	lbs/hr	0.0009	1,597	0.0000	Retort #3 emissions factor derived from 2014 M29 stack test.
	ription: Mercury F			103/111	0.0003	1,557	0.0000	TICTOR #0 CITISSIONS Idetter derived from 2014 Wi25 Stack test.
Hg	8.00	tpv	5.51E-07	lbs/hr	0.0002	442	0.0000	Retort #4 commenced operations 10/7/14, used Retort #3 test results for 2014.
								ter and stack (S2.013 & S2.014/TU4.022 & TU4.023)
Cyclom 2000	inputorii Edot di II	occinomicity i an	1.000		no combined remod ti	nough a con	mion career m	Furnaces's/EW Cells emissions factor derived from 2014 M29 stack test.
								Testing was conducted during dual Furnace and EW Cell operations.
								Annual hours operated is the average of individual Furnace operations.
								East Furnace (TU4.022) operated 431 hrs/yr; West Furnace (TU4.023)
Ha	75.00	tpy	0.00626	lbs/hr	2.7106	433	0.0000	operated 434 hrs/yr.
	ription: Electro-w			150/111	2.7 100	100	0.0000	operated for morti.
		many come cany						EW Cells emissions factor derived from 2014 M29 stack test while the
								Furnaces were not operating. Total EW Cell operating hours were 7,251
								hrs/yr. Combined Furnace/EW Cell operating hours of 433 hrs/yr. were
								subtracted from total hours operated to arrive at 6,818 hours of EW Cell
Ha	Not Reported	gals/yr	0.000351	lbs/hr	2.3931	6.818	0.0000	operations only.
System Desc				eneration Tai	nks (S2.333.1 - S2.333	3.8/TU4.026	- TU4.029)	
, i	•	,	Ī		,		,	RIL Elution Circuit Regeneration Tanks commenced operations 11/18/14.
Hg	Not Reported	gals/yr	0.0000105	lbs/hr	0.0071	674	0.0000	RIL Regen. Tanks emissions factor derived from March 2015 M29 stack test.
System Desc	ription: Resin-In-	Leach (RIL) Elec	tro-winning Cir	rcuit & Pregna	ant/Barren Tanks (S2.3	342.1 - S2.3	42.3/TU4.030 -	TU4.032)
								RIL EW Circuit & P/B Tanks commenced operations 11/24/14.
Hg	Not Reported	gals/yr	6.9325E-05	lbs/hr	0.0544	785	0.0000	RIL EW Circuit emissions factor derived from average of 2015 M29 stack tests.
	ription: Mercury (	Co-Product						
Hg					0.0000		53.4000	Facility-wide mercury co-product collected, no breakout by system provided.
	ription: Assay, M	ill, Mill Met, Autoo	clave, Autocla	ve Met and R		boratories, S		a and Ore Fines Fee System.
Hg					4.7500		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				acility Total:	616.7650		98.5500	CY2006 Co-product: 197,100 lbs/yr.
				acility Total:	708.6590		58.6300	CY2007 Co-product: 117,260 lbs/yr.
				acility Total:	166.0557		87.3300	CY2008 Co-product: 134,660 lbs/yr.
				acility Total:	369.7831		61.8730	CY2009 Co-product: 123,746 lbs/yr.
				acility Total:	266.9336		60.1080	CY2010 Co-product: 120,216 lbs/yr.
				acility Total:	630.5519		59.9200	CY2011 Co-product: 119,840 lbs/yr.
l				acility Total:	334.9836		44.4100	CY2012 Co-product: 88,820 lbs/yr.
	and hours of oper		CY2013 F	acility Total:	386.0257		50.6700	CY2013 Co-product: 101,340 lbs/yr.
	ves 4-6 in acidic v		CY2014 Fa	acility Total:	227.3012		53.4000	CY2014 Co-product: 106,800 lbs/yr. No calomel/elemental breakout
	modes not provid	ed.		,				provided.

CY 2014 Cu	ımulative	Totals	CY 2014 process emissions were solely derived using one consistent
			FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed
Process Emissions (lbs/vr)		Co-Product (tpy)	to ensure reporting accuracy.
484.21		145.12	Co-product: 290,240.00 lbs/yr

CY 2013 Cu Process Emissions (lbs/yr)	Co-Produc (tpy)	CY 2013 process emissions were solely derived using one consistent FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed to ensure reporting accuracy. In some instances, 2012 test results were used due to invalidated 2013 test results.
748.63	111.57	Co-product: 223,140 lbs/yr
CY 2012 Co Process Emissions (lbs/yr)	Co-Produc	CY 2012 process emissions were solely derived using one consistent FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed t to ensure reporting accuracy.
1,393.42	115.95	Co-product: 231,900 lbs/yr
CV 2010 Cu	ımulative Totals	CY 2011 process emissions were solely derived using one consistent
Process Emissions (lbs/yr)	Co-Produc (tpy)	FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed to ensure reporting accuracy.
1,607.96	106.77	Co-product: 213,540 lbs/yr
CY 2010 Ct	ımulative Totals	CY 2010 process emissions were solely derived using one consistent
Process Emissions (lbs/yr)	Co-Produc (tpy)	FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed to ensure reporting accuracy.
1,101110	.01.00	Co-product: 203,180 lbs/yr

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Note: The total value is lower than actual industry-wide emissions due to a few thermal units which were unable to test in the reporting year and the absence of 2009 test data for Barrick Goldstrike's autoclaves under alkaline operating conditions. See 2009 Report for details.

CY 2009 Cumulative Totals		CY 2009 process emissions were solely derived using one consistent
Process Emissions lbs/yr	Co-Product tpy	FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed to ensure reporting accuracy. In general, testing went much better in 2009 than in 2008 with far fewer testing irregularities or instances where test results were invalidated.
1,336.46	90.18	Co-product: 180,360 lbs/yr

CY 2008 Cumulative Totals		CY 2008 process emissions were largely derived using one consistent
		FRM testing methodology (Method 29). Testing protocols were reviewed prior to test commencement and all final report submittals were reviewed
Process Emissions	Co-Product	to ensure reporting accuracy. Some facilities had entire testing events,
lbs/yr	tpy	or in some cases just one or more runs of a test event, invalidated due to
		irregularities in testing protocol, poor sample handling procedures or laboratory errors. Yukon-Nevada Corporation - Jeritt Canyon Mine (formerly Queenstake Resources) did not test in 2008 due to the temporary NDEP ordered shutdown of the facility.
3,165.90	102.93	Co-product: 205,860 lbs/yr

CY 2007 Cumulative Totals		otals	CY 2007 process emissions were largely derived using one consistent
			FRM testing methodology (Method 29) with scattered M101A and OHM
Process Emissions		Co-Product	results used in lieu of M29 due to test schedule conflicts/logistics issues.
lbs/yr		tpy	Testing protocals were reviewed prior to test commencement and all final
			report submittals were reviewed to ensure reporting accuracy.
4,764.52		97.68	Co-product: 195,360 lbs/yr

CY 2006 Cumulative Totals			CY 2006 process emissions and co-product values were accepted
Process Emissions		Co-Product	"as submitted" due to variability in testing methodology, emission
lbs/yr		tpy	calculation methods and/or the lack of current FRM test results.
4,468.15		133.26	Co-product: 266,520 lbs/yr