Nevada Division of Environmental Protection Bureau of Air Quality Planning

	Calendar Year 2008 Actual Production/Emission Reporting Form Addendum for Mercury Emissions										
				С	umulative NMCP Mer	cury Adden	dum Data Subm				
Pollutant ID	Production/Heat Rate	Production Units (eg. tons/yr)		Emissions Factor Units	HG Annual Emissions (lbs/yr)	Hours Operated	HG Co-Product (tons/yr)	t Notes			
Source: Nev	wmont Mining Cor				1-0723.01; NMCP AP		. , , ,				
					2, only one operates						
Hg	36.80	tpy	0.0083	lbs/hr	3.1689	382	0.0000	Induction Furnace emissions factor derived from 2008 M29 stack test.			
					of 2, only one operate		0.0000	induction i dinace emissions factor derived from 2000 Wizo Stack test.			
Hg	35.80	tpy	0.0074		2.9163	394	0.0000	Industion Furnace emissions factor derived from 2009 M20 stock test			
	cription: Juniper N			lbs/hr	2.9103	394	0.0000	Induction Furnace emissions factor derived from 2008 M29 stack test.			
System Desc	Tiption. Juniper i	viiii Carbon Kiiri (3	52.002) T	T T		ı	T	Control Vila anciesis as feeten deniment from 10th 0007 M00 steel test / lon 1			
Hg	5,582.00	tpy	0.07268	lbs/hr	548.1526	7,542	0.0000	Carbon Kiln emissions factor derived from July 2007 M29 stack test (Jan.1 - June 20), August 2008 M29 test (June 21 - Nov. 5) and January 2009 M29 test (Nov. 6 - Dec. 31). Three test values were nenecessary due to scrubber system malfunction from June 21, 2008 through November 5, 2008. See revised submittal dated July 16, 2009.			
	cription: Mercury						1				
Hg	20.43	tpy	0.000028	lbs/hr	0.0945	3,375	2.5900	Retort A emissions factor derived from 2008 M29 stack test.			
	cription: Mercury										
Hg	15.99	tpy	0.000028	lbs/hr	0.0778	2,778	2.0500	Retort B emissions factor derived from 2008 M29 stack test.			
System Desc	cription: Mercury	Retort Circuit C (
Hg	12.83	tpy	0.000073	lbs/hr	0.1752	2,400	1.6900	Retort C emissions factor derived from 2008 M29 stack test.			
System Desc	cription: Mercury	Retort Circuit D (S2.005.2)								
Hg	16.45	tpy	0.0000066	lbs/hr	0.0195	2,958	2.4700	Retort D emissions factor derived from 2008 M29 stack test.			
System Desc	cription: Pinon Ca	arbon Kiln (S2.02	1)								
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	System did not operate in 2008.			
	cription: Sage Mil				0.0000		0.0000	Cyclem did not operate in 2000.			
Hq	1,844,351.00	tpy	0.083	lbs/hr	685.2480	8,256	0.0000	Autoclave #1 emissions factor derived from 2008 M29 stack test.			
	cription: Sage Mil				003.2400	0,230	0.0000	Autociave #1 emissions factor derived from 2000 Mi29 Stack test.			
					070.0500	0.050	0.0000	Autoplanta #0 aminaiana fastan daninad firana 0000 M00 atauli taat			
Hg	1,884,498.00	tpy	0.033	lbs/hr	272.2500	8,250	0.0000	Autoclave #2 emissions factor derived from 2008 M29 stack test.			
	cription: Electro-v										
Hg	N/A	gals/yr	0.01	lbs/hr	87.8400	8,784	0.0000	Electro-winning Cells emissions factor derived from 2008 M29 stack test.			
	cription: Juniper I						,				
Hg	N/A	gals/yr	0.0083	lbs/hr	72.9072	8,784	0.0000	Preg./Barren Tanks emissions factor derived from 2008 M29 stack test.			
System Desc	cription: Pinon Mi	ill Pregnant Strip	Solution Tank								
Hg	N/A	gals/yr	0.000136	lbs/hr	1.1946	8,784	0.0000	Emissions estimate - refer to attached calculation.			
System Desc	cription: Pinon Mi	ill Barren Strip So	lution Tank								
Hg	N/A	gals/yr	0.000136	lbs/hr	1.1946	8,784	0.0000	Emissions estimate - refer to attached calculation.			
System Desc	cription: Laborato		Room, Fire A		Vet Lab Room, Slurry	Prep. Room	LECO Room.	Instrumentation Room, Met Lab Room & Autoclave Room			
Hg	1				3.9471			Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.			
9	I	I	CY 2006	Facility Total:	434.3715		8.9100	CY 2006 Co-product: 17,820.00 lbs/yr			
				Facility Total:	929.9303		13.2160	CY 2007 Co-product: 26,432.00 lbs/yr.			
				Facility Total:	1,679.1864	-	8.8000	CY 2008 Co-product: 17,600.00 lbs/yr.			
0						D1011 001		C1 2008 C0-product. 17,000.00 lbs/yr.			
					P1041-0778; NMCP A	AP 1041-221	/				
_	cription: West Ro										
Hg	176,670.00	tpy	0.0524	lbs/hr	144.3096	2,754	0.3500	Roaster emissions factor derived from average of 2008 M29 stack tests.			
System Desc	cription: West Ro	aster Quench Sta	ack								
Hg		tpy		lbs/hr				No 2008 testing completed.			
System Desc	cription: East Roa	aster Process (Sy	stem 42 - S2.	.041 & PF1.21	4)						
Hg	158,125.00	tpy	0.0333	lbs/hr	73.5264	2,208	0.3600	Roaster emissions factor derived from average of 2008 M29 stack tests.			
	cription: East Roa										
Hg		tpy		lbs/hr				No 2008 testing completed.			
	cription: Carbon F		ober (System		(iln - S2.041 & System	1 51 - Retort	- S2.051)				
		- Tankan Soluk			0.0000		0.0000	System did not operate in 2008, no testing completed.			
System Doc	cription: Ore Drye	or (System 35 . S	2 026)		0.000		0.0000	1975.5 a.d not operate in 2000, no tooting completed.			
Hg	334,037.00		L.020)	lbs/hr		1,868	0.0000	No 2008 testing completed.			
		tpy	n Furnasa /C:		050)	1,000	0.0000	INO 2000 lesting completed.			
System Desc	cription: Refining	riocess inductio	n Furnace (S)	ystern 30 - 52. I	.030)		T	No 0000 testing appropriated. Managing as another transport of the state of the sta			
				" "				No 2008 testing completed. Mercury co-product accounted for under			
Hg		tpy		lbs/hr		229	0.0000	roasters.			

Source: Qu	eenstake Resourc	es USA, Inc - Je	rritt Canyon Mine	e: AQOP A	P1041-0778; NMCP A	P1041-2217	(continued)	
		•			5 Units) and Electro-w			
Hg					2.1363		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY 2006 Fa	cility Total:	293.9245		2.9600	CY 2006 Co-product: 5,920.00 lbs/yr.
			CY 2007 Fa	cility Total:	1,966.3934		1.0200	CY 2007 Co-product: 2,040.00 lbs/yr.
			CY 2008 Fa	cility Total:	219.9723		0.7100	CY 2008 Co-product: 1,420.00 lbs/yr.
Source: Nev	wmont Mining Cor	poration - Gold C	Quarry: AQOP A	P1041-079	3; NMCP AP1041-221	19		
System Des	cription: ROTP Di	ry-Grinding Station	Separator (Sys	tem 42 - S2	2.120 - S2.0124)			
Hg	3,349,657.00	tpy	0.001141	lbs/hr	8.9774	7,868	0.0000	Static Seperator emissions factor derived from 2008 M29 stack test.
System Des	cription: ROTP O	re Preheaters (S	ystem 43 - S1.12	25 - S2.130				
Hg	3,336,226.00	tpy	0.02867	lbs/hr	228.5859	7,973	0.0000	Ore Preheater's emissions factor derived from 2008 M29 stack test.
System Des	cription: ROTP O	re Roasters (Sys						
Hg	3,336,226.00	tpy	0.000488	lbs/hr	3.8908	7,973	5.2000	Ore Roaster's factor derived from 2008 M29 stack test.
	cription: ROTP No							
Hg	1,521,049.00	tpy	0.005671	lbs/hr	45.2149	7,973	0.0000	North Quench Circuit emissions factor derived from 2008 M29 stack test.
	cription: ROTP So							
Hg	1,815,176.00	tpy	0.006853	lbs/hr	53.8783	7,862	0.0000	South Quench Circuit emissions factor derived from 2008 M29 stack test.
	cription: AARL Ca					, ,		
Hg	6,085.50	tpy	0.0059213	lbs/hr	35.0541	5,920	0.0300	Kiln Scrubber Stack emissions factor derived from 2008 M29 stack test.
					- S2.058 & S2.059)			lui a la alla di la di l
Hg	30,411.90	MMbtu/yr	0.000252	lbs/hr	1.4918	5,920	0.0000	Kiln Comb. Stack emissions factor derived from 2008 M29 stack test.
	cription: Zadra Ca							
Hg	7,467.00	tpy	0.0005433	lbs/hr	4.0894	7,527	0.0200	Kiln Scrubber Stack emissions factor derived from 2008 M29 stack test.
					- S2.056 & S2.057)	7.507	0.0000	I//la Ocarla Otaria and advanta de desarrado de como 0000 M00 ataria taria
Hg	61,497.80	MMbtu/yr	0.000481	lbs/hr	3.6205	7,527	0.0000	Kiln Comb. Stack emissions factor derived from 2008 M29 stack test.
	cription: Refinery					0.070	1 5000	Datast assissing feater desired from 0000 M00 steels test
Hg	62.10	tpy	0.0005193	lbs/hr	1.5953	3,072	1.5200	Retort emissions factor derived from 2008 M29 stack test.
	cription: Refinery		0.0071887			C1E	0.0000	Industion Furnace emissions factor devived from 2000 M20 stock test
Hg	84.90	tpy		lbs/hr	4.4232	615	0.0000	Induction Furnace emissions factor derived from 2008 M29 stack test.
Hg	cription: AARL Ca	tpy	0.00291	lbs/hr	25.5614	8,784	0.0000	Carbon Strip Tonks amissions factor derived from 2009 M20 stock test
	cription: Refinery				23.3014	0,704	0.0000	Carbon Strip Tanks emissions factor derived from 2008 M29 stack test.
Hg	47,395,947.00	gals/yr	0.000528	lbs/hr	4.1322	7,826	0.0000	Electro-winning Cells emissions factor derived from 2008 M29 stack test.
	cription: Assay La					7,020	0.0000	Electro-willing delis emissions ractor derived from 2000 Wizs stack test.
Hg	1	boratory, wiet Le		latou Labor	1.8984		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
9	I I		CY 2006 Fa	cility Total:	310.6937		2.7200	CY 2006 Co-product: 5,440.00 lbs/yr.
			CY 2007 Fac		504.4204		6.1600	CY 2007 Co-product: 12,320.00 lbs/yr.
			CY 2008 Fa		422.4137	1	6.7700	CY 2008 Co-product: 13,540.00 lbs/yr.
Source: Ne	wmont Mining Cor	poration - Midas		,	1-0766.01; NMCP AP	1041-2253		, , , , , , , , , , , , , , , , , , ,
	cription: Refinery							
Hg	69.49	tpy	0.041	lbs/hr	14.5837	356	0.0000	Furnace #1 emissions factor derived from 2008 M29 stack test.
	cription: Refinery							
Hg	110.41	tpy	0.031	lbs/hr	16.8485	544	0.0000	Furnace #2 emissions factor derived from 2008 M29 stack test.
	cription: Retort A							
Hg	127.37	tpy	0.002	lbs/hr	7.0480	3,524	0.0000	Retort A emissions factor derived from 2008 M29 stack test.
System Des	cription: Retort B							
Hg	89.73	tpy	0.000351	lbs/hr	1.0379	2,957	0.0000	Retort B emissions factor derived from 2008 M29 stack test.
	cription: Assay La	boratory						
Hg				lbs/hr	1.8239		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY 2006 Fa		17.1801		0.0000	CY 2006 Co-product: 0.00 lbs/yr.
1			CY 2007 Fa		4.2457	[0.0000	CY 2007 Co-product: 0.00 lbs/yr.
			CY 2008 Fa		41.3420		0.0000	CY 2008 Co-product: 0.00 lbs/yr.
					-1362; NMCP AP1041	1-2246		
	cription: Propane			` ,				
Hg	138.09	tpy	0.000078	lbs/hr	0.1318	1,690	0.0000	Carbon Kiln emissions factor derived from 2008 M29 stack test.
	cription: Electro-w							
Hg	53,022.00	tpy	0.0455	lbs/hr	269.5420	5,924	0.0000	Electro-winning Cells emissions factor derived from 2008 M29 stack test.
	cription: Propane							T
Hg	5.00	tpy	0.000017	lbs/hr	0.0160	940	2.6000	Retort emissions factor derived from 2008 M29 stack test.

	Source: Barrick, Bald Mountain Mine - Huntington Valley: AQOP AP1041-1362; NMCP AP1041-2246 (continued)									
	cription: Propane									
Hg	3.00	tpy	0.038	lbs/hr	5.4720	144	0.0000	Bullion Furnace emissions factor derived from 2008 M29 stack test. Third test run invalid, sample only captured 31 dscf vs. 60 dscf., and only ran for 61 minutes vs. 120 minutes. Em. factor reduced from .063 to .038 lbs/hr.		
	cription: Barren S	_			T	T =				
Hg	53,022.00	tpy	0.000006	lbs/hr	0.0355	5,924	0.0000	Barren Strip Sol. Tank emissions factor derived from 2008 M29 stack test.		
	cription: Assay La	aboratory	T 1		0.4040	ı	0.0000	In a state of the		
Hg			0)/ 0000		3.1246		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.		
				acility Total:	204.3025		2.9400	CY 2006 Co-product: 5,880.00 lbs/yr.		
				acility Total:	57.4138 278.3220		2.2750	CY 2007 Co-product: 4,550.00 lbs/yr. CY 2008 Co-product: 5,200.00 lbs/yr.		
0		fii O				NIMOD AD	2.6000	C f 2006 Co-product. 5,200.00 lbs/yr.		
					QOP AP1041-1116.02	2; NMCP AP	1041-2245			
Hg	cription: Carbon F	tpy	0.00000782	lbs/hr	0.0615	7,870	0.0000	Carbon Kiln emissions factor derived from 2008 M29 stack test.		
	cription: Electro-v			105/111	0.0013	7,070	0.0000	Carbott Nilli ethissions factor derived from 2000 M29 Stack test.		
Hg	I LIGOTION	gals/yr	0.00001073	lbs/hr	0.0608	5,667	0.0000	Electro-winning Cells emissions factor derived from 2008 M29 stack test.		
	cription: System				0.0000	5,507	0.0000			
Hq	9.24	tpy	4.87E-07	lbs/hr	0.0002	472	0.0262	Retort emissions factor derived from 2008 M29 stack test.		
	cription: System 2						2.3202			
Hg	7.79	tpy	0.1574	lbs/hr	12.9540	82	0.0000	Refinery Furnace emissions factor derived from 2008 M29 stack test.		
System Desc	cription: Fire Ass							,		
Hg	<u> </u>				0.0142		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.		
				acility Total:	351.5928		0.0621	CY 2006 Co-product: 124.20 lbs/yr.		
				acility Total:	39.5645		0.0276	CY 2007 Co-product: 55.20 lbs/yr.		
			CY 2008 F	acility Total:	13.0908		0.0262	CY 2008 Co-product: 52.40 lbs/yr.		
Source: Hyd	croft Resources &	Development, In	c Crofoot/Le	wis Project:	AQOP AP1041-0334.	02; NMCP A	P1041-2255			
System Desc	cription: Mercury	Retort #1								
Hg					0.0000			Facility did not operate in 2008.		
	cription: Mercury	Retort #2								
Hg					0.0000			Facility did not operate in 2008.		
	cription: Mercury	Retort #3			1		T	Je		
Hg	=	***			0.0000			Facility did not operate in 2008.		
	cription: Furnace	#1	1 1		0.0000	ı	ı	Facility did not an exist in 0000		
Hg	L cription: Furnace	#0			0.0000			Facility did not operate in 2008.		
Hg	І — Гиппасе	#4	T T		0.0000	Ī		Facility did not operate in 2008.		
	cription: Furnace	#3			0.0000			i acility did flot operate in 2006.		
Hg	I umace	π3	1 1		0.0000	I	I	Facility did not operate in 2008.		
9	ı		CY 2006 F	acility Total:	0.0000		0.0000	CY 2006 Co-product: 0.00 lbs/yr.		
I				acility Total:			0.0000	CY 2007 Co-product: 0.00 lbs/yr.		
I				acility Total:	0.0000		0.0000	CY 2008 Co-product: 0.00 lbs/yr.		
Source: Ant	ler Peak Gold, Ind	c. (formerly Metal			AP1041-1202; NMCP	AP1041-224		·		
	cription: Dore Fur				.,					
								Facility did not operate in 2008.		
Hg	1				0.2838		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.		
_				acility Total:	0.0000		0.0000	CY 2006 Co-product: 0.00 lbs/yr.		
I				acility Total:	0.0000		0.0000	CY 2007 Co-product: 0.00 lbs/yr.		
			CY 2008 F	acility Total:	0.2838		0.0000	CY 2008 Co-product: 0.00 lbs/yr.		
			oeur Rocheste	er Mine: AQC	OP AP1044-0063.02; N	NMCP AP10	41-2242			
_	cription: Refinery									
Hg	112.14	tpy	0.0249	lbs/hr	7.4576	300	0.0000	Refinery Furnace emissions factor derived from 2008 M29 stack test.		
	cription: Retort						1 .=			
Hg	112.14	tpy	0.000152	lbs/hr	0.5764	3,792	15.6000	Retort emissions factor derived from 2008 M29 stack test.		
	cription: Assay La	aboratory			1	T T		In		
Hg	I .		0)/ 0005		1.8805		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.		
I				acility Total:	2.8872		16.1000	CY 2006 Co-product: 32,200.00 lbs/yr.		
I				acility Total:			15.4000	CY 2007 Co-product: 30,800.00 lbs/yr.		
			C 1 2008 F	acility Total:	9.9144		15.6000	CY 2008 Co-product: 31,200.00 lbs/yr.		

	wmont Mining Co	rnoration Lanc T	Trop Mino. A	OD AD10/11	0059; NMCP AP1041	-2251		
				QUE AP 1041-	10009, INIVIOR AP 1041	-2201		
	_	winning Cells (Ea:		lbc/b=	5 7c01	0.404	0.0000	IEW Calle amissions factor derived from 2009 steels test
Hg	3,781,440.00	gals/yr	0.00238	lbs/hr	5.7691	2,424	0.0000	EW Cells emissions factor derived from 2008 stack test.
		winning Cells (We		lles/les	0.0000	0.404	0.0000	IEW Calle amingions factor derived from 2009 stock test
Hg	3,781,440.00		0.0014	lbs/hr	3.3936	2,424	0.0000	EW Cells emissions factor derived from 2008 stack test.
		winning Cells (Sca	averiger Stac		4.0000	0.404	0.0000	FM Calle assissions feater desired from 2000 MOD start to t
Hg	7,562,880.00	gals/yr	0.00205	lbs/hr	4.9692	2,424	0.0000	EW Cells emissions factor derived from 2008 M29 stack test.
		t and Barren Solu		He = //e =	F1 1111	0.004	0.0000	ID/D Tools and a feet and a feet feet and feet a
Hg	311.50	tpy - carbon	0.0181	lbs/hr	51.1144	2,824	0.0000	P/B Tanks emissions factor derived from 2008 M29 stack tests.
	cription: Sample	Room, Fire Assay	y Room, Wet	Laboratory, Li	ECO Laboratory, Met	Laboratory	0.0000	In the second se
Hg			01/ 0000		1.8788		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Re
				Facility Total:	622.1013		0.0000	CY 2006 Co-product: 0.00 lbs/yr.
				Facility Total:	148.0964		0.0000	CY 2007 Co-product: 0.00 lbs/yr.
				Facility Total:	67.1251		0.0000	CY 2008 Co-product: 0.00 lbs/yr.
				ects: AQOP A	NP1041-2141; NMCP /	AP1041-2220)	
System Desc		Induction Furnac						
Hg	23.70	tpy	0.117	lbs/hr	70.2234	600	0.0000	Refinery Furnace's emissions factor derived from 2008 M29 stack test.
		Carbon Reactivat						
Hg	976.50	tpy	0.000107	lbs/hr	0.1871	1,748	0.0000	Carbon Kiln #1 emissions factor derived from 2008 M29 stack test.
System Desc		Carbon Reactivat						
Hg	1,012.40	tpy	0.0000213		0.0404	1,896	0.0000	Carbon Kiln #2 emissions factor derived from 2008 M29 stack test.
System Desc	cription: East Ele	ctro-winning Cells			ls)			
Hg	50.00	gals/min	0.0000675		0.5929	8,784	0.0000	EW Cells emissions factor derived from 2008 M29 stack test.
System Desc	cription: West Ele	ectro-winning Cel	lls (IA1.097:	Train #2 - 3 ce	ells)			
Hg	50.00	gals/min	0.0000215		0.1889	8,784	0.0000	EW Cells emissions factor derived from 2008 M29 stack test.
System Desc	cription: Assay L	aboratory Furnac	e Baghouse					
Hg	27.80	tpy	0.000134	lbs/hr	1.0613	7,920	0.0000	Furnace emissions factor derived from 2008 M29 stack test.
	cription: Pregnar	t and Barren Strip						
Hg		gals/yr	0.000315	lbs/hr	2.7670	8,784	0.0000	Furnace emissions factor derived from 2008 M29 stack test.
	cription: Assav L							Gold Sludge Drying Oven
Hg	1	, j (3,, 22.0		= 3	3,,	
Tu .					0.8029		0.0000	
пу	1		CY 2006	Facility Total			0.0000 0.1200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R
пу				Facility Total:	166.7059		0.1200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr.
пу			CY 2007	Facility Total:	166.7059 208.0466	-	0.1200 0.3200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns.
Ū	rida Canyon Minis	ag Inc. Florida (CY 2007 CY 2008	Facility Total: Facility Total:	166.7059 208.0466 75.8638	P10/1 2256	0.1200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr.
Source: Flor			CY 2007 CY 2008 Canyon Mine:	Facility Total: Facility Total:	166.7059 208.0466	P1041-2256	0.1200 0.3200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns.
Source: Flor	cription: Mercurt	Retorts (System	CY 2007 CY 2008 Canyon Mine: 6 - S2.003)	Facility Total: Facility Total: AQOP AP10	166.7059 208.0466 75.8638 41-0106.02; NMCP A		0.1200 0.3200 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr.
Source: Flor System Desc Hg	cription: Mercurt 9.792	Retorts (System tpy	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002	Facility Total: Facility Total:	166.7059 208.0466 75.8638	P1041-2256	0.1200 0.3200	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns.
Source: Flor System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt	Retorts (System tpy Retorts (System telepoorts)	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004)	Facility Total: Facility Total: AQOP AP10	166.7059 208.0466 75.8638 41-0106.02; NMCP Al	116.2	0.1200 0.3200 0.0000 0.2875	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test.
Source: Flor System Desc Hg System Desc Hg	9.792 cription: Mercurt 1.4705	Retorts (System typy Retorts (System typy	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158	Facility Total: Facility Total: AQOP AP10 lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002		0.1200 0.3200 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr.
Source: Flor System Desc Hg System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit	Retorts (System tpy Retorts (System tpy Valley Electro-wir	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157	992.4	0.1200 0.3200 0.0000 0.2875	Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test.
Source: Flor System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00	Retorts (System) tpy Retorts (System) tpy Valley Electro-wir gals/min	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542	116.2	0.1200 0.3200 0.0000 0.2875	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test.
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit	Retorts (System of tpy) Retorts (System of tpy) Valley Electro-wir gals/min Valley Electro-wir	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (0.00086	Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542	992.4 8,784	0.1200 0.3200 0.0000 0.2875 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit	Retorts (System tpy Retorts (System tpy Valley Electro-wir gals/min Valley Electro-wir gals/min	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 mning Cell A (0.00086 nning Cell B (0.000067	Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885	992.4	0.1200 0.3200 0.0000 0.2875	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus	Retorts (System tpy Retorts (System tpy Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internatio	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 mning Cell A (0.00086 nning Cell B (0.000067	Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr Iin (System 9	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007)	992.4 8,784 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test
Gource: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internatio tpy	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.000867 nnal Carbon K 0.02409	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr Iin (System 9- Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885	992.4 8,784	0.1200 0.3200 0.0000 0.2875 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test
Gource: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot	Retorts (System of the type of typ	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr Ils/hr Iln (System 9- Ibs/hr - \$2.005)	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376	992.4 992.4 8,784 8,784 6,195	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test.
Gource: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internatio tpy herm Dore Furnact	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.000867 nnal Carbon K 0.02409	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr Iin (System 9- Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007)	992.4 8,784 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test
Gource: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internation typy herm Dore Furnary tpy t Tank	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr Model #75EC1 lbs/hr lbs/hr - S2.005) lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376	992.4 992.4 8,784 8,784 6,195 316	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test.
Gource: Flor System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00	Retorts (System of the type of the type of typ	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr Ils/hr Iln (System 9- Ibs/hr - \$2.005)	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376	992.4 992.4 8,784 8,784 6,195	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test.
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren	Retorts (System of the type of the type of typ	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr iln (System 9 - Ibs/hr - \$2.005) Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit.
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 8,784.00	Retorts (System of the typy) Retorts (System of typy) Retorts (System of typy) Valley Electro-wire gals/min Valley Electro-wire gals/min tion Air Internatio typy herm Dore Furnanty typy to Tank hrs/yr	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr Model #75EC1 lbs/hr lbs/hr - S2.005) lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376	992.4 992.4 8,784 8,784 6,195 316	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test.
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System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 8,784.00	Retorts (System of the typy) Retorts (System of typy) Retorts (System of typy) Valley Electro-wire gals/min Valley Electro-wire gals/min tion Air Internatio typy herm Dore Furnanty typy to Tank hrs/yr	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr iln (System 9 - Ibs/hr - \$2.005) Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit.
Source: Flor System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 8,784.00	Retorts (System of the typy) Retorts (System of typy) Retorts (System of typy) Valley Electro-wire gals/min Valley Electro-wire gals/min tion Air Internatio typy herm Dore Furnanty typy to Tank hrs/yr	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 mning Cell A (0.00086 nning Cell B (0.000067 nnal Carbon K 0.02409 ce (System 7 0.00102	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr iln (System 9 - Ibs/hr - \$2.005) Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP AI 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit.
Source: Flor System Desc Hg System Desc	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 8,784.00	Retorts (System of the typy) Retorts (System of typy) Retorts (System of typy) Valley Electro-wire gals/min Valley Electro-wire gals/min tion Air Internatio typy herm Dore Furnanty typy to Tank hrs/yr	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 6 - \$2.004) 0.0000158 nning Cell A (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Model #75EC1 Ibs/hr Model #75EC1 Ibs/hr iln (System 9 - Ibs/hr - \$2.005) Ibs/hr Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. Fereign 2008 M29 stack test.
Source: Flor System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 8,784.00	Retorts (System of the typy) Retorts (System of typy) Retorts (System of typy) Valley Electro-wire gals/min Valley Electro-wire gals/min tion Air Internatio typy herm Dore Furnanty typy to Tank hrs/yr	CY 2007 CY 2008 Canyon Mine: 6 - \$2.003) 0.000002 0.0000158 nning Cell A (0.00086 nning Cell B (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102	Facility Total: Facility Total: Facility Total: AQOP AP10 Ibs/hr Ibs/hr Model #75EC1 Ibs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934 440.7382	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. FCY 2006 Co-product: 452.80 lbs/yr.
Source: Flor System Desc Hg	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 1 8,784.00 cription: Assay L	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internatio tpy herm Dore Furnar tpy tt Tank hrs/yr Fank hrs/yr aboratory	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 0.0000158 nning Cell A (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102 CY 2006 CY 2007 CY 2008	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr lbs/hr iln (System 9 - lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP Al 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934 440.7382 19.0000 162.3117	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. F CY 2006 Co-product: 452.80 lbs/yr. CY 2007 Co-product: 14.40 lbs/yr. CY 2008 Co-product: 575.00 lbs/yr.
Source: Flor System Desc Hg System Desc Source: Rou	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 1 8,784.00 cription: Assay L	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internation typy herm Dore Furnary typy to Tank hrs/yr ank hrs/yr aboratory dd Corporation - S	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102 CY 2006 CY 2007 CY 2008 Smoky Valley	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP AI 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934 440.7382 19.0000 162.3117 ration: AQOP AP104	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 452.80 lbs/yr. CY 2007 Co-product: 14.40 lbs/yr. CY 2008 Co-product: 575.00 lbs/yr.
Source: Flor System Desc Hg System Desc Source: Rou	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 1 8,784.00 cription: Assay L	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internatio tpy herm Dore Furnar tpy tt Tank hrs/yr Fank hrs/yr aboratory	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102 CY 2006 CY 2007 CY 2008 Smoky Valley	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP AI 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934 440.7382 19.0000 162.3117 ration: AQOP AP104	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test Electro-winning Cells emissions factor derived from 2008 M29 stack test. Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 452.80 lbs/yr. CY 2007 Co-product: 14.40 lbs/yr. CY 2008 Co-product: 575.00 lbs/yr.
Source: Flor System Desc Hg System Desc Source: Rou	cription: Mercurt 9.792 cription: Mercurt 1.4705 cription: Summit 40.00 cription: Summit 40.00 cription: Combus 2,883.00 cription: Inductot 8.89 cription: Pregnar 8,784.00 cription: Barren 1 8,784.00 cription: Assay L	Retorts (System of the typy) Retorts (System of typy) Valley Electro-wir gals/min Valley Electro-wir gals/min tion Air Internation typy herm Dore Furnary typy to Tank hrs/yr ank hrs/yr aboratory dd Corporation - S	CY 2007 CY 2008 Canyon Mine: 6 - S2.003) 0.000002 6 - S2.004) 0.0000158 nning Cell A (0.00067 nnal Carbon K 0.02409 ce (System 7 0.00102 CY 2006 CY 2007 CY 2008 Smoky Valley	Facility Total: Facility Total: Facility Total: AQOP AP10 lbs/hr lbs/hr Model #75EC1 lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr lbs/hr	166.7059 208.0466 75.8638 41-0106.02; NMCP AI 0.0002 0.0157 18) 7.5542 18) 0.5885 - \$2.007) 149.2376 0.3221 0.0000 4.5934 440.7382 19.0000 162.3117 ration: AQOP AP104	116.2 992.4 8,784 8,784 6,195 316 8,784	0.1200 0.3200 0.0000 0.2875 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 240.00 lbs/yr. CY 2007 Co-product: 640.00 lbs/yr. Kiln #1 value (.29) is for both kilns. CY 2008 Co-product: lbs/yr. Retort emissions factor derived from 2008 M29 stack test. Retort emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Electro-winning Cells emissions factor derived from 2008 M29 stack test. Carbon Kiln emissions factor derived from 2008 M29 stack test. Dore Furnace emissions factor derived from 2008 M29 stack test. No emissions factor available - closed circuit. No emissions factor available - closed circuit. Potential to emit (PTE), not actual - see De Minimis Designation Tech. R CY 2006 Co-product: 452.80 lbs/yr. CY 2007 Co-product: 14.40 lbs/yr. CY 2008 Co-product: 575.00 lbs/yr.

Source: Rou	und Mountain Gol	d Corporation - S	mokv Vallev (Common Opei	ration: AQOP AP104	1-0444.01: N	IMCP AP1041-	-2250 (continued)
	scription: Carbon I							
Hg	3,963.00	tpy	0.000012	lbs/hr	0.0942	7,848	0.0000	Carbon Kiln emissions factor derived from 2008 M29 stack test.
System Des	cription: Pregnan	t Strip Solution Ta	ank (Shares a	a common stad	ck with S2.121)			
Hg	30-70	gals/min		lbs/hr	0.0000	8,784	0.0000	Emissions combined with Carbon Kiln.
System Des	cription: Barren S		k #1 (Shares	a common sta	ack with S2.121)			
Hg	30-70	gals/min		lbs/hr	0.0000	8,784	0.0000	Emissions combined with Carbon Kiln.
System Des	cription: Barren S	Strip Solution Tan	k #2 (Shares	a common sta				
Hg	30-70	gals/min		lbs/hr	0.0000	8,784	0.0000	Emissions combined with Carbon Kiln.
System Des	cription: Electric	Induction Furnace	System 24	- S2.130 (unco	ontrolled)]			
								Induction Furnace emissions factor (uncontrolled) derived from 2007 M29
Hg	See below	tpy	0.0203	lbs/hr	1.2444	61	0.0000	stack test. New controls commenced operation 02/01/08.
System Des	cription: Electric	Induction Furnace						
Hg	46.32	tpy	0.0000892		0.0496	556	0.0000	Induction Furnace emissions factor derived from 2008 M29
_	cription: Refinery	Electro-winning \	Vent & Ovens	, Assay Labor				
Hg					3.0603		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	57.0585		0.0085	CY2006 Co-product: 17.00 lbs/yr.
I				Facility Total:	59.6652		0.0000	CY2007 Co-product: 0.00 lbs/yr.
				Facility Total:	8.3173		0.0000	CY2008 Co-product: 0.00 lbs/yr.
					-0713.01; NMCP AP1	041-2252		
	cription: Electric		tion Kiln (S2.					
Hg	180.90	tpy		lbs/hr		2,510	0.0300	2008 M29 stack test deemed invalid - no cyclonic flow check.
	cription: Electric l	Mercury Retort (S	(2.022)					
Hg	3.14	tpy		lbs/hr		848	0.2100	2008 M29 stack test deemed invalid - no cyclonic flow check.
System Des	cription: Electric	Refinery Induction	Furnace (S2	2.013)				
Hg	3.63	tpy		lbs/hr		75	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
System Des	cription: Electro-v	winning Cells 1 &	2 (IA1.005)					
Hg		gals/yr		lbs/hr		8,784	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
System Des	cription: Pregnan	t and Barren Strip	Solution Tar	nks				Pregnant and Barren Strip Solution Tanks vented to a common stack with
Hg		gals/yr		lbs/hr		8,784	0.0000	Electro-winning Cells.
System Des	cription: Assay La	aboratory						
Hg					1.3883		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	28.7825		0.5000	CY2007 Co-product: 1,000.00 lbs/yr.
				Facility Total:	35.2201		0.3800	CY2007 Co-product: 760.00 lbs/yr.
				Facility Total:	1.3883		0.2400	CY2008 Co-product: 480.00 lbs/yr.
				AP1041-0158	.02; NMCP AP1041-2	2254		
	cription: Carbon I							
Hg	740.00	tpy	0.000013	lbs/hr	0.0745	5,732	0.3600	Carbon Kiln emissions factor derived from 2008 M29 stack test.
System Des	cription: Electro-v	vinning Circuit (3						
Hg	6,281.00	hrs/yr	0.00077	lbs/hr	4.8364	6,281	0.0000	Electro-winning Cells emissions factor derived from 2008 M29 stack test.
System Des	cription: Pregnan		Solution Tar	nk				Pregnant and Barren Strip Solution Tanks vented to a common stack with
Hg	6,281.00	hrs/yr		lbs/hr	0.0000	6,281	0.0000	Electro-winning Cells, therefore, emissions factor is for both units.
System Des	cription: Mercury							
Hg	10.75	tpy	0.00077	lbs/hr	1.0149	1,318	0.2090	Retort emissions factor derived from 2008 M29 stack test.
System Des	cription: Tilting C	rucible Furnace (System 15 -S	2.015)				
1								Furnace emissions factor derived from June 2008 M29 stack test.
Hg	5.79	tpy	0.0027	lbs/hr	0.5427	201	0.0000	October 2008 M29 stack test deemed invalid - no cyclonic flow check.
	cription: Assay La	aboratory						
Hg					4.0198		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
1				Facility Total:	908.0610		0.1675	CY 2006 Co-product: 335.00 lbs/yr.
				Facility Total:			0.2450	CY 2007 Co-product: 490.00 lbs/yr.
				Facility Total:			0.5690	CY 2008 Co-product: 1,138.00 lbs/yr.
	realis Mining Com	pany: AQOP AP	1041-2125; N	IMCP AP1041	-2228			
System Des	cription:							
Hg					0.0000		0.0000	Facility did not operate in 2008.
			CY 2006	Facility Total:	0.0000		0.0000	CY 2006 Co-product: 0.00 lbs/yr.
I			CY 2007	Facility Total:	0.0000		0.0000	CY 2007 Co-product: 0.00 lbs/yr.
I				Facility Total:			0.0000	CY 2008 Co-product: 0.00 lbs/yr.
-				-				

Course: Do	errials Turquaias Dia	lao Ino Gotob	all Mina: AOC	D A D1041 0	292.01; NMCP AP1041	1 2240		
			en mine: AQC	JE AP 1041-02	292.U1, NIVIOP AP 1041	1-2249		
•	scription: Assay/Me	et Laboratory	T		4.0400	, , , , , , , , , , , , , , , , , , ,	0.0000	Detection to anoth (DTF), and actual to an De Marinia Designation T. J. D.
Hg			0)/ 0000		4.9462		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
				Facility Total:	10.6752		0.0000	CY 2006 Co-product: 0 lbs/yr.
				Facility Total:			0.0000	CY 2007 Co-product: 0 lbs/yr.
			CY 2008	Facility Total:	4.9462		0.0000	CY 2008 Co-product: 0 lbs/yr.
Source: Ro	yal Standard Mine	rals, Inc Manha	attan Mine: A	QOP AP1041	-1457; NMCP AP1041	-2303		
System Des	scription: Dore Sm	elting Furnace						
Hg		<u>-</u>			4.1040		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
	· L		CY 2006	Facility Total:	0.0000		0.0000	CY 2006 Co-product: 0.00 lbs/yr.
				Facility Total:	4.1040		0.0000	CY 2007 Co-product: 0.00 lbs/yr.
				Facility Total:		 	0.0000	CY 2008 Co-product: 0.00 lbs/yr.
Cauraa, Na	www.ant Mining Com	acration Dhaan			220.02; NMCP AP1041	0047	0.0000	01 2000 00 product. 0.00 bs/yr.
					220.02; NIMCP AP 104 I	1-2247		
System Des	scription: Electric C	carbon Regenera	ation Kiin (52.)	002)		ı		0 1 10 1 1 10 10 10 10 10 10 10 10 10 10
								Carbon Kiln emissions factor derived from 2008 M29 stack test. Third test
Hg	2,674.00	tpy	0.000121	lbs/hr	0.4314	3,565	0.0000	run deemed invalid - possible switch of test results at laboratory w/Retort.
System Des	scription: Retort (S	2.014)						
				1				Retort emissions factor derived from 2008 M29 stack test. Third test run
Hg	23.00	tpy	0.00000415		0.0066	1,596	0.0000	deemed invalid - possible switch of test results at laboratory w/Carbon Kiln.
System Des	scription: Pregnant	& Barren Tanks	Solution Ven	t System				
Hg		gals/yr		lbs/hr	0.0940		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
	scription: Electro-w		ells operated					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Hg		gals/yr		lbs/hr	0.2733	1	0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
119		galo/yi	CY 2006	Facility Total:	2.3061		0.0000	CY 2006 Co-product: 0.00 lbs/yr.
				Facility Total:	0.4579		0.0000	CY 2007 Co-product: 0.00 lbs/yr.
				Facility Total:	0.8053	 	0.0000	CY 2008 Co-product: 0.00 lbs/yr.
Source: Ra	rrick Goldstrick Mir	nes Inc : AOOP						, , , , , , , , , , , , , , , , , , , ,
	scription: Roasters							
Cystem Des	Jonphon. Thoasiers	" . a #2 (Oysten	1 10 52.209					2008 M29 stack test deemed invalid - no cyclonic flow check; no sampling
Hg	5,592,072.00	tpy		lbs/hr		7,922	65.3000	traverse point determination.
	scription: Roaster (hing Process		22 210)	1,322	03.3000	praverse point determination.
			Ting Frocess(32.210)	7,000	0.0000	2009 M20 stock tost doomed invalid the evaluation flow shock
Hg	2,842,979.00	tpy	liina Dana d	lbs/hr	20.044)	7,933	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
	scription: Roaster (ning Process(52.211)	700:	0.000	Topogo Moo at the set of the set
Hg	2,749,093.00	tpy		lbs/hr		7,931	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
System Des	scription: Carbon F	Reactivation Kiln	#2 (System 6	1 - S2.004.1)				
				1				Carbon Kiln emissions factor derived from average of three seperate
Hg	8,001.00	tpy	0.0154	lbs/hr	111.9734	7,271	0.0000	M29 stack tests conducted in February and April, 2008.
System Des	scription: Pregnant	Strip Solution T	ank A (Uncon	trolled)				
Hg	Not Reported	gals/yr		lbs/hr		8,136	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
	scription: Pregnant		ank B (Uncon					
Hg	Not Reported	gals/yr	,	lbs/hr		8,136	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
	scription: Barren S		k A (Uncontro			2,.00	2.3000	2.
Hg	Not Reported	gals/yr	I Chooning	lbs/hr		8,136	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
	scription: Barren S		k B (Uncontro			0,100	0.0000	12000 MED Stack tool deciriod invalid. The dyclothic flow check.
	Not Reported					0.106	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
Hg		gals/yr	n Colution To	lbs/hr	llad\	8,136	0.0000	2000 IVIZ9 Stack test deemed invalid - no cyclonic flow check.
	scription: Pregnant		p Solution Tar		ileu)	040	0.0000	0000 M00 shall had do word 20 of 51
Hg	Not Reported	gals/yr	0.1.: =	lbs/hr	u n	648	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
	scription: Pregnant		p Solution Tar		lea)			
Hg	Not Reported	gals/yr		lbs/hr		648	0.0000	2008 M29 stack test deemed invalid - no cyclonic flow check.
System Des	scription: Autoclave	e #1 (System 66	- S2.015)					
Hg		tpy	1	lbs/hr		7,955	0.0000	2008 M29 stack test deemed invalid - no sampling trav. pt. determination.
	793,120.00							
	793,120.00 scription: Autoclave		em 66 - S2.01	16 & S2.017)				
			em 66 - S2.01	16 & S2.017) lbs/hr		15,308	0.0000	2008 M29 stack test deemed invalid - no sampling trav. pt. determination.
System Des Hg	1,936,154.00	es #2 & #3 (Syst tpy				15,308	0.0000	2008 M29 stack test deemed invalid - no sampling trav. pt. determination.
System Des Hg System Des	1,936,154.00 scription: Autoclave	es #2 & #3 (Syst tpy e #4 (System 66		lbs/hr				
System Des Hg System Des Hg	scription: Autoclave 1,936,154.00 scription: Autoclave 1,060,379.00	es #2 & #3 (Syst tpy e #4 (System 66 tpy	- S2.018)	lbs/hr		15,308 8,170	0.0000	2008 M29 stack test deemed invalid - no sampling trav. pt. determination. 2008 M29 stack test deemed invalid - no sampling trav. pt. determination.
System Des Hg System Des Hg	1,936,154.00 scription: Autoclave	es #2 & #3 (Syst tpy e #4 (System 66 tpy	- S2.018)	lbs/hr				

Cauras Dan	Source: Barrick Goldstrick Mines, Inc.: AQOP AP1041-0739.01; NMCP AP1041-2221 (continued)									
System Description: Mercury Retorts #1 (System 67 - S2.009)										
System Desc	inpulon. Wercury	netoris #1 (3)Ste	11 07 - 32.00	9)				Retort emissions factor derived from February, 2008 M29 stack test.		
								April and July/August, 2008 M29 stack test deemed invalid - no cyclonic flow check; fixed delta P; isokinetic calculation error with wrong pitot tube		
Hg	Not Reported	tpy	0.0022	lbs/hr	4.2064	1,912	See Below	coefficient.		
System Desc	cription: Mercury	Retorts #2 (Syste	em 67 - S2.01	0)						
								Retort emissions factor derived from February, 2008 M29 stack test.		
								April and July/August, 2008 M29 stack test deemed invalid - no cyclonic		
								flow check; fixed delta P; isokinetic calculation error with wrong pitot tube		
Hg	Not Reported	tpy	0.0002	lbs/hr	0.4028	2,014	See Below	coefficient.		
System Desc	cription: Mercury	Retorts #3 (Syste	em 67 - S2.01	1)						
								Retort emissions factor derived from February, 2008 M29 stack test.		
								April and July/August, 2008 M29 stack test deemed invalid - no cyclonic		
								flow check; fixed delta P; isokinetic calculation error with wrong pitot tube		
Hg	Not Reported	tpy	0.0013	lbs/hr	2.6468	2,036	See Below	coefficient.		
System Desc	cription: Mercury	Retorts #1 - #3 (\$	System 67 - S	2.009 - S2.01	1 Cumulative Co-prod	uct)				
Hg					·		2.0300	Cumulative co-product for all three mercury retorts.		
System Desc	cription: East & W	est Refinery Fur	naces & Elect	rowinning Ce	lls Combined Operatio	n (System 6	8 - S2.013 & S2	2.014, vented through common carbon filter)		
								Furnaces's/EW Cells emissions factor derived from April, 2008 M29 stack		
Hg	86.00	tpy	0.0254	lbs/hr	12.1412	478	0.0000	test.		
	cription: Electrow									
Hg	Not Reported	gals/yr	0.0042	lbs/hr	30.2484	7,202	0.0000	EW Cells emissions factor derived from April, 2008 M29 stack test.		
	cription: Mill #1 A	r Pre-Heater and			stem 15 - S2.204 & S2	.205.01 - S2		1 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
	, , , , , , , , , , , , , , , , , , , ,	2		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				2008 M29 stack test deemed invalid - no cyclonic flow check; no sampling		
Ha	2,480,296.00	tpy		lbs/hr		7,891	0.0000	traverse point determination.		
			Dry Grinding		stem 16 - S2.206 & S2			The state of the s		
3,0.0m 2000								2008 M29 stack test deemed invalid - no cyclonic flow check; no sampling		
Ha	2,551,853.00	tpy		lbs/hr		8.051	0.0000	traverse point determination.		
	cription: Analytica		av Facility (Sv		051)	5,501	2.000	The same determination		
3,0.0m 2000	pao 7 mary aod			5.5 O SE.				2008 M29 stack test deemed invalid - no cyclonic flow check; no sampling		
Hg	Not Reported	tpy		lbs/hr		8.784	0.0000	traverse point determination.		
			clave Autocla		Roaster Pumphouse La	-, -		a and Ore Fines Fee System.		
Ha	ption. 7today, iv	, wiiii wiet, Auto	J. G. G. T. GLOOIE	3 IVIOL GIIG I	4.4367		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.		
1.19	<u> </u>		CY 2006 I	Facility Total:	616.7650		98.5500	CY 2006 Co-product: 197,100.00 lbs/yr.		
				Facility Total:	708.6590		58.6300	CY 2007 Co-product: 117,260.00 lbs/yr.		
				Facility Total:	166.0557		67.3300	CY 2008 Co-product: 134,660.00 lbs/yr.		
			0.20001	Comey Fords.		umulative T		CY 2008 process emissions were largely derived using one consistent		
					C1 2008 C	umuidlive I	uidis I	• • • • • • • • • • • • • • • • • • • •		
								FRM testing methodology (Method 29). Testing protocols were reviewed		
					Process Emissions		Co Bradust	prior to test commencement and all final report submittals were reviewed		
ı				,	Process Emissions		Co-Product	to ensure reporting accuracy. Some facilities had entire testing events,		
	Note that the to				lbs/yr		tpy	or in some cases just one or more runs of a test event, invalidated due to		
	actual industry-							irregularities in testing protocol, poor sample handling procedures or		
	invalidated tests	*						laboratory errors.		
	Queenstake Res	sources USA, In	ic., no		3,165.9		102.9	Co-product: 205,865.40 lbs/yr		
testing completed due to scheduling					CY 2007 C	umulative T	otals	CY 2007 process emissions were largely derived using one consistent		
	difficulties resu	Iting from the te	emporary					FRM testing methodology (Method 29) with scattered M101A and OHM		
	NDEP ordered s	shutdown of the	facility.		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		
							-107	report submittals were reviewed to ensure reporting accuracy.		
					4.832.5		97.7	Co-product: 195,361.60 lbs/yr		
					,	umulative T	_	CY 2006 process emissions and co-product values were accepted		
					Process Emissions	amulative I	Co-Product	"as submitted" due to variability in testing methodology, emission		
					lbs/yr			calculation methods and/or the lack of current FRM test results.		
					4,468.2		tpy 133.3	Co-product: 266,520 lbs/yr		
					4,400.2		100.0	00-product. 200,020 lb8/yl		