Nevada Division of Environmental Protection
Bureau of Air Pollution Control
Calendar Year 2010 Actual Production/Emission Reporting Form Addendum for Mercury Emissions

Cumulative NMCP Mercury Addendum Data Submittals

Pollutant ID	Production/Heat Rate	Production Units (eg. tons/yr)	Emissions Factor	Emissions Factor Units	HG Annual Emissions (lbs/yr)	Hours Operated	HG Co-Product (tons/yr)	Notes
Source: Newmont Mining Corporation - Twin Creeks Mine: AQOP AP1041-0723.01; NMCP AP1041-2218								
System Description: Juniper Mill Electric Induction Furnace (S2.001/TU4.001 - 1 of 2, only one operates at a time)								
Hg	29.42	tpy	0.0000561	lbs/hr	0.0220	392	0.0000	Induction Furnace emissions factor derived from 2010 M29 stack test.
System Description: Juniper Mill Electric Induction Furnace (S2.001.1/TU4.002 - 1 of 2, only one operates at a time)								
Hg	22.63	tpy	0.0000985	lbs/hr	0.0276	280	0.0000	Induction Furnace emissions factor derived from 2010 M29 stack test.
System Description: Juniper Mill Carbon Kiln (S2.002/TU4.003)								
Hg	5,654.78	tpy	0.000126	lbs/hr	0.9623	7,637	0.4120	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retort Circuit A (S2.004/TU4.004)								
Hg	22.08	tpy	3.39E-07	lbs/hr	0.0012	3,538	2.4340	Retort A emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retort Circuit B (S2.005/TU4.005)								
Hg	21.24	tpy	4.57E-07	lbs/hr	0.0015	3,308	2.6210	Retort B emissions factor derived from 2010 M29 stack test.
System Description: Sage Mill Autoclave (S2.023/TU4.014)								
Hg	1,737,609.00	tpy	0.0035	lbs/hr	27.1240	7,750	0.0000	Autoclave #1 emissions factor derived from 2010 M29 stack test.
System Description: Sage Mill Autoclave (S2.024/TU4.015)								
Hg	1,803,452.70	tpy	0.00939	lbs/hr	74.4730	7,931	0.0000	Autoclave #2 emissions factor derived from 2010 M29 stack test.
System Description: Electro-winning Cells (TU4.011 - six cells ducted to common stack)								
Hg	85.56	MMgals/yr	0.00128	lbs/hr	11.2128	8,760	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Juniper Mill Pregnant & Barren Strip Solution Tanks (TU4.008 - TU4.010)								
Hg	69.28	MMgals/yr	0.0067	lbs/hr	58.6920	8,760	0.0000	Preg./Barren Tanks emissions factor derived from 2010 M29 stack test.
System Description: Pinon Mill Pregnant Strip Solution Tank (TU4.012)								
Hg	49.61	MMgals/yr	0.0001356	lbs/hr	1.1879	8,760	0.0000	Emissions estimate - refer to attached calculation.
System Description: Pinon Mill Barren Strip Solution Tank (TU4.013)								
Hg	49.61	MMgals/yr	0.0001356	lbs/hr	1.1879	8,760	0.0000	Emissions estimate - refer to attached calculation.
System Description: Laboratory Sample Prep. Room, Fire Assay Room, Wet Lab Room, Slurry Prep. Room, LECO Room, Instrumentation Room, Met Lab Room & Autoclave Room								
Hg					3.9471		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		434.3715		8.9100	CY2006 Co-product: 17,820 lbs/yr
			CY2007 Facility Total:		929.9303		13.2160	CY2007 Co-product: 26,432 lbs/yr.
			CY2008 Facility Total:		1,679.1864		8.8000	CY2008 Co-product: 17,600 lbs/yr.
			CY2009 Facility Total:		425.7559		5.9080	CY2009 Co-product: 11,816 lbs/yr.
			CY2010 Facility Total:		**178.8392**		**5.4670**	**CY2010 Co-product: 10,934 lbs/yr.**
Source: Yukon-Nevada Gold Corporation - Jerritt Canyon Mine: AQOP AP1041-0778; NMCP AP1041-2217								
System Description: West Roaster Process (S2.036 & PF1.213)								
Hg	278,398.00	tpy	0.00124	lbs/hr	6.1231	4,938	3.1000	Roaster emissions factor derived from December 2010 M29 stack test.
System Description: East Roaster Process (S2.041 & PF1.214)								
Hg	299,691.00	tpy	0.00323	lbs/hr	16.9381	5,244	7.8000	Roaster emissions factor derived from December 2010 M29 stack test.
System Description: Mercury Retort (S2.051)								
Hg		tpy	0.000222	lbs/hr	0.3366	1,516	0.0000	Retort emissions factor derived from May 2011 M29 stack test.
System Description: Ore Dryer (S2.026)								
Hg	663,781.00	tpy	0.00115	lbs/hr	4.5793	3,982	0.0000	Ore Dryer emissions factor derived from April 2010 M29 stack test.
System Description: Refining Process Induction Furnace (S2.050)								
Hg	16.00	tpy	0.00342	lbs/hr	4.8393	1,415	0.1380	Furnace emissions factor derived from May 2011 M29 stack test.
System Description: Laboratory Units Including Large Ore Drying Ovens (5 Units) and Electro-winning Cells								
Hg					2.1363		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		293.9245		2.9600	CY2006 Co-product: 5,920 lbs/yr.
			CY2007 Facility Total:		1,966.3934		1.0200	CY2007 Co-product: 2,040 lbs/yr.
			CY2008 Facility Total:		219.9723		0.7100	CY2008 Co-product: 1,420 lbs/yr.
			CY2009 Facility Total:		138.9704		2.1000	CY2009 Co-product: 4,200 lbs/yr.
			CY2010 Facility Total:		**34.9527**		**11.0380**	**CY2010 Co-product: lbs/yr.**
Source: Newmont Mining Corporation - Gold Quarry: AQOP AP1041-0793; NMCP AP1041-2219								
System Description: Mill 6 Static Separator (Double Rotator Air Pre-Heater: S2.120/TU4.001)								
Hg	3,293,216.00	tpy	0.000363	lbs/hr	2.8463	7,841	0.0000	Static Seperator emissions factor derived from 2010 M29 stack test.
System Description: CFB North and South Ore Preheaters (S2.126 & S2.129/ TU4.002 & TU4.003)								
Hg	3,390,518.00	tpy	0.007105	lbs/hr	56.0016	7,882	0.0000	Ore Preheater's emissions factor derived from 2010 M29 stack test.
System Description: CFB North and South Ore Roasters (S2.133 & S2.145/TU4.004 & TU4.005)								
Hg	3,390,518.00	tpy	0.000112	lbs/hr	0.8828	7,882	4.1000	Ore Roaster's factor derived from 2010 M29 stack test.

Source: Newmont Mining Corporation - Gold Quarry: AQOP AP1041-0793; NMCP AP1041-2219 (continued)								
System Description: ROTP North Calcine Quench Circuit (S2.158 & S2.159/TU4.006 - TU4.009)								
Hg	1,346,797.00	tpy	0.005702	lbs/hr	44.9432	7,882	0.0000	North Quench Circuit emissions factor derived from 2010 M29 stack test.
System Description: ROTP South Calcine Quench Circuit (S2.160 & S2.161/TU4.010 - TU4.013)								
Hg	2,043,722.00	tpy	0.005988	lbs/hr	47.1016	7,866	0.0000	South Quench Circuit emissions factor derived from 2010 M29 stack test.
System Description: AARL Carbon Stripping Circuit (Pregnant Tanks: TU4.014 & TU4.015)								
Hg	13,971.80	tpy	0.004398	lbs/hr	35.9800	8,181	0.0000	Pergnant Strip Tanks emissions factor derived from 2010 M29 stack test.
System Description: Refinery Barren Tank & Electro-winning Cells (TU4.016 & TU4.017)								
Hg	40,391,491.00	gals/yr	0.000893	lbs/hr	6.2885	7,042	0.0000	Barren Tank/EW Cells emissions factor derived from 2010 M29 stack test.
System Description: Refinery Mercury Retort Circuit (S2.041 - S2.046/TU4.018 - TU4.023)								
Hg	50.20	tpy	0.034205	lbs/hr	90.8485	2,656	1.5600	Retort Circuit emissions factor derived from 2010 M29 stack test.
System Description: Electric Refinery Induction Furnaces (S2.047 - S2.049/TU4.024 - TU4.026)								
Hg	67.60	tpy	0.003187	lbs/hr	1.6735	525	0.0000	Induction Furnace emissions factor derived from 2010 M29 stack test.
System Description: Carbon Kiln #1 (Zadra Building) Scrubber Stack (S2.056/TU4.027)								
Hg	6,673.80	tpy	0.004873	lbs/hr	34.9638	7,175	0.0200	Kiln Scrubber Stack emissions factor derived from 2010 M29 stack test.
System Description: Carbon Kiln #2 (AARL Building) Scrubber Stack (S2.058?TU4.028)								
Hg	5,963.80	tpy	0.012036	lbs/hr	73.6724	6,121	0.0200	Kiln Scrubber Stack emissions factor derived from 2010 M29 stack test.
System Description: Assay Laboratory, Met Laboratory & Integrated Laboratory								
Hg					1.9300		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		310.6937		2.7200	CY2006 Co-product: 5,440 lbs/yr.
			CY2007 Facility Total:		504.4204		6.1600	CY2007 Co-product: 12,320 lbs/yr.
			CY2008 Facility Total:		422.4137		6.7700	CY2008 Co-product: 13,540 lbs/yr.
			CY2009 Facility Total:		280.6857		5.3900	CY2008 Co-product: 10,780 lbs/yr.
			CY2010 Facility Total:		**397.1321**		**5.7000**	**CY2010 Co-product: 11,400 lbs/yr.**
Source: Newmont Mining Corporation - Midas Operations: AQOP AP1041-0766.01; NMCP AP1041-2253								
System Description: Refinery Furnace #1 (S2.035/TU4.001)								
Hg	71.00	tpy	0.01054	lbs/hr	5.1066	485	0.0000	Furnace #1 emissions factor derived from 2010 M29 stack test.
System Description: Refinery Furnace #2 (S2.036/TU4.002)								
Hg	96.00	tpy	0.012	lbs/hr	6.6120	551	0.0000	Furnace #2 emissions factor derived from 2010 M29 stack test.
System Description: Retort A (S2.037/TU4.003)								
Hg	126.00	tpy	0.0000068	lbs/hr	0.0240	3,527	0.0000	Retort A emissions factor derived from 2010 M29 stack test.
System Description: Retort B (S2.038/TU4.004)								
Hg	73.00	tpy	0.0001974	lbs/hr	0.6668	3,378	0.0000	Retort B emissions factor derived from 2010 M29 stack test.
System Description: Assay Laboratory								
Hg				lbs/hr	1.8239		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		17.1801		0.0000	CY2006 Co-product: 0.00 lbs/yr.
			CY2007 Facility Total:		4.2457		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008 Facility Total:		41.3420		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		6.4395		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**14.2333**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Barrick, Bald Mountain Mine - Huntington Valley: AQOP AP1041-1362; NMCP AP1041-2246								
System Description: Propane Fired Carbon Regeneration Kiln (S2.001/TU4.001)								
Hg	316.23	tpy	0.00137	lbs/hr	4.5009	3,285	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Propane Fired Mercury Retort (S2.002/TU4.002)								
Hg	3.69	tpy	0.0000039	lbs/hr	0.0021	540	1.4300	Retort emissions factor derived from 2010 M29 stack test.
System Description: Propane Fired Bullion Furnace (S2.003/TU4.003)								
	3.00	tpy	0.00137	lbs/hr	0.1082	79	0.0000	Bullion Furnace emissions factor derived from 2010 M29 stack test.
System Description: Electro-winning Circuit (IA1.024/TU4.004)								
Hg	36,474.50	tpy	0.0000185	lbs/hr	0.0791	4,273	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Barren Strip Solution Tank (TU4.005)								Barren Strip Solution Tank vented to a common stack with Electro-winning
Hg		tpy		lbs/hr	0.0000		0.0000	Cells, therefore, emissions factor is for both units.
System Description: Assay Laboratory								
Hg					3.1285		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		204.3025		2.9400	CY2006 Co-product: 5,880 lbs/yr.
			CY2007 Facility Total:		57.4138		2.2750	CY2007 Co-product: 4,550 lbs/yr.
			CY2008 Facility Total:		278.3220		2.6000	CY2008 Co-product: 5,200 lbs/yr.
			CY2009 Facility Total:		5.8995		1.5600	CY2009 Co-product: 3,120 lbs/yr.
			CY2010 Facility Total:		**7.8188**		**1.4300**	**CY2010 Co-product: 2,860 lbs/yr.**

Source: Kennecott Rawhide Mining Company - Denton-Rawhide Mine: AQOP AP1041-1116.02; NMCP AP1041-2245								
System Description: Carbon Regeneration Kiln (S2.001/TU4.001)								
Hg	341.90	tpy	0.000139	lbs/hr	1.1406	8,206	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Electro-winning Circuit (IA3.007/TU4.002)								
Hg	Not Reported	gals/yr	0.00000319	lbs/hr	0.0138	4,342	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Refinery Induction Furnace (S2.004/TU4.003)								
Hg	56.30	tpy	0.0566	lbs/hr	36.0542	637	0.0000	Refinery Furnace emissions factor derived from 2010 M29 stack test.
System Description: System 1 - Mercury Retort (System 2 - S2.002)								
Hg	30.90	tpy	0.0000906	lbs/hr	0.4204	4,640	0.0079	Retort emissions factor derived from 2010 M29 stack test.
System Description: Fire Assay Laboratory								
Hg					0.0142		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		351.5928		0.0621	CY2006 Co-product: 124.20 lbs/yr.
			CY2007 Facility Total:		39.5645		0.0276	CY2007 Co-product: 55.20 lbs/yr.
			CY2008 Facility Total:		13.0908		0.0262	CY2008 Co-product: 52.40 lbs/yr.
			CY2009 Facility Total:		12.0029		0.0258	CY2009 Co-product: 51.60 lbs/yr.
			CY2010 Facility Total:		**37.6433**		**0.0079**	**CY2010 Co-product: 15.80 lbs/yr.**
Source: Hycroft Resources & Development, Inc. - Crofoot/Lewis Project: AQOP AP1041-0334.02; NMCP AP1041-2255								
System Description: Mercury Retort (TU4.001)								
Hg	Not Reported	tpy	0.000016	lbs/hr	0.0706	4,412	4.2000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Smelting Furnace (TU4.002)								
Hg	Not Reported	tpy	0.000007	lbs/hr	0.0129	1,843	0.0000	Refinery Furnace emissions factor derived from 2010 M29 stack test.
System Description: Assay Laboratory								
Hg					4.4384		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.
			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.
			CY2010 Facility Total:		**4.5219**		**4.2000**	**CY2010 Co-product: 8,400 lbs/yr.**
Source: Antler Peak Gold, Inc. (formerly Metallic Ventures, Inc).: AQOP AP1041-1202; NMCP AP1041-2248								
System Description: Carbon Stripping & Regeneration (TU4.001 - TU4.003)								
Hg	Not Reported	tpy	0	lbs/hr	0.0000	0	0.0000	Thermal units (Carbon Kiln; P/B Tanks) did not operate in 2010.
System Description: Mercury Retorts (TU4.004 & TU4.005)								
Hg	Not Reported	tpy	0	lbs/hr	0.0000	0	0.0000	Thermal units did not operate in 2010.
System Description: Assay Laboratory & Dore Furnace								
Hg					0.0222		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.
			CY2008 Facility Total:		0.2838		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		0.2838		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**0.0222**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Coeur D'Alene Mining Corporation - Coeur Rochester Mine: AQOP AP1044-0063.02; NMCP AP1041-2242								
System Description: Refinery Furnace (TU4.001)								
Hg	77.17	tpy	0.00253	lbs/hr	0.7519	297	0.0000	Refinery Furnace emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retorts (TU4.002/TU4.003)								
Hg	108.58	tpy	0.00000418	lbs/hr	0.0102	2,448	12.3000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Assay Laboratory								
Hg					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.
			CY2008 Facility Total:		9.9144		15.6000	CY2008 Co-product: 31,200 lbs/yr.
			CY2009 Facility Total:		4.4097		10.7000	CY2009 Co-product: 21,400 lbs/yr.
			CY2010 Facility Total:		**2.6426**		**12.3000**	**CY2010 Co-product: 24,600 lbs/yr.**
Source: Newmont Mining Corporation - Lone Tree Mine: AQOP AP1041-0059; NMCP AP1041-2251								
System Description: Electro-winning Cells (East Stack)								
Hg	979,699.00	gals/yr	0.00013	lbs/hr	0.0437	336	0.0000	EW Cells emissions factor derived from 2009 M29 stack test. Lone Tree remains in temporary closure, therefore, 2010 testing was suspended.
System Description: Electro-winning Cells (West Stack)								
Hg	979,699.00	gals/yr	0.000554	lbs/hr	0.1861	336	0.0000	EW Cells emissions factor derived from 2009 M29 stack test. Lone Tree remains in temporary closure, therefore, 2010 testing was suspended.

Source: Newmont Mining Corporation - Lone Tree Mine: AQOP AP1041-0059; NMCP AP1041-2251 (continued)								
System Description: Electro-winning Cells (Scavenger Stack)								
Hg	979,699.00	gals/yr	0.000138	lbs/hr	0.0464	336	0.0000	EW Cells emissions factor derived from 2009 M29 stack test. Lone Tree remains in temporary closure, therefore, 2010 testing was suspended.
System Description: Pregnant and Barren Solution Tanks								
Hg	85.00	tpy - carbon	0.00375	lbs/hr	0.8663	231	0.0000	P/B Tanks emissions factor derived from 2009 M29 stack tests. Lone Tree remains in temporary closure, therefore, 2010 testing was suspended.
System Description: Sample Room, Fire Assay Room, Wet Laboratory, LECO Laboratory, Met Laboratory								
Hg					1.8788		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		622.1013		0.0000	CY2006 Co-product: 0.00 lbs/yr.
			CY2007 Facility Total:		148.0964		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008 Facility Total:		67.1251		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		7.2136		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**3.0212**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Barrick Cortez, Inc. - Cortez Hills and Pipeline Projects: AQOP AP1041-2141; NMCP AP1041-2220								
System Description: Refinery Induction Furnace #1 (S2.002/TU4.003)								
Hg	37.50	tpy	0.0000272	lbs/hr	0.0099	364	0.0000	Refinery Furnace emissions factor derived from 2010 M29 stack test.
System Description: Refinery Induction Furnace #2 (S2.003/TU4.004)								
Hg	1.40	tpy	0.00000865	lbs/hr	0.0002	22	0.0000	Refinery Furnace emissions factor derived from 2010 M29 stack test.
System Description: Electric Carbon Reactivation Kiln #1 (S2.007/TU4.005)								
Hg	1,207.40	tpy	0.0000502	lbs/hr	0.1096	2,184	0.0000	Carbon Kiln #1 emissions factor derived from 2010 M29 stack test. Major component failure forced repairs delaying testing until 01/28/10.
System Description: Electric Carbon Reactivation Kiln #2 (S2.008/TU4.006)								
Hg	887.10	tpy	0.00000457	lbs/hr	0.0077	1,684	0.0000	Carbon Kiln #2 emissions factor derived from 2010 M29 stack test.
System Description: East Electro-winning Cells (IA1.096/TU4.001)								
Hg	Not Reported	gals/min	0.0000547	lbs/hr	0.4792	8,760	0.0000	EW Cells emissions factor derived from 2010 M29 stack test.
System Description: West Electro-winning Cells (IA1.097/TU4.002)								
Hg	Not Reported	gals/min	0.0000339	lbs/hr	0.2963	8,740	0.0000	EW Cells emissions factor derived from 2010 M29 stack test.
System Description: Fire Assay Fusion Furnaces (S2.018a-f/TU4.007a-f)								
Hg	29,255.00	tpy	0.0000558	lbs/hr	0.4143	7,425	0.0000	Furnace emissions factor derived from 2010 M29 stack test.
System Description: Pregnant and Barren Strip Solution Tanks (TU4.008 & TU4.009)								
Hg	Not Reported	gals/yr	0.00035	lbs/hr	3.0660	8,760	0.0000	Preg./Barren Tanks emissions factor derived from 2010 M29 stack test.
System Description: Assay Laboratory (Analytical Lab Building), Met Laboratory, Strip Circuit Area (Mill Building), Refinery Gold Sludge Drying Oven								
Hg					0.8029		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		166.7059		0.1200	CY2006 Co-product: 240 lbs/yr.
			CY2007 Facility Total:		208.0466		0.3200	CY2007 Co-product: 640 lbs/yr.
			CY2008 Facility Total:		75.8638		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		1.3905		0.0170	CY2009 Co-product: 34 lbs/yr.
			CY2010 Facility Total:		**5.1862**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Florida Canyon Mining, Inc. - Florida Canyon Mine: AQOP AP1041-0106.02; NMCP AP1041-2256								
System Description: Mercurt Retort (System 6 - S2.003/TU4.004)								
Hg	10.72	tpy	0.00000221	lbs/hr	0.0023	1,054	0.2035	Retort emissions factor derived from 2010 M29 stack test.
System Description: Mercurt Retort (System 6 - S2.004/TU4.005)								
Hg	0.79	tpy		lbs/hr	0.0000	56	0.0000	Testing waiver granted 11/30/10. Units hours included under TU4.004.
System Description: Summit Valley Electro-winning Cell A (TU4.002)								
Hg	31.54	MMgals/yr	0.0000441	lbs/hr	0.3863	8,760	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Summit Valley Electro-winning Cell B (TU4.003)								
Hg	31.54	MMgals/yr	0.0000129	lbs/hr	0.1130	8,760	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Combustion Air International Carbon Regeneration Kiln (System 9 - S2.007/TU4.008)								
Hg	708.80	tpy	0.0143	lbs/hr	108.4512	7,584	0.1055	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Inductotherm Dore Furnace (System 7 - S2.005/TU4.001)								
Hg	9.73	tpy	0.0000653	lbs/hr	0.0202	310	0.0000	Dore Furnace emissions factor derived from 2010 M29 stack test.
System Description: Pregnant Tank (TU4.006)								
Hg		hrs/yr		lbs/hr	0.0000		0.0000	No emissions factor available - closed circuit.
System Description: Barren Tank (TU4.007)								
Hg		hrs/yr		lbs/hr	0.0000		0.0000	No emissions factor available - closed circuit.

Source: Florida Canyon Mining, Inc. - Florida Canyon Mine: AQOP AP1041-0106.02; NMCP AP1041-2256 (continued)								
System Description: Assay Laboratory								
Hg					2.8402		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		440.7382		0.2264	CY2006 Co-product: 452.80 lbs/yr.
			CY2007 Facility Total:		19.0000		0.0072	CY2007 Co-product: 14.40 lbs/yr.
			CY2008 Facility Total:		162.3117		0.2875	CY2008 Co-product: 575 lbs/yr.
			CY2009 Facility Total:		49.6118		0.8120	CY2009 Co-product: 1,624 lbs/yr.
			CY2010 Facility Total:		**111.8133**		**0.3090**	**CY2010 Co-product: 618 lbs/yr. (407 lbs - elemental; 211 lbs - sludge)**
Source: Round Mountain Gold Corporation - Smoky Valley Common Operation: AQOP AP1041-0444.01; NMCP AP1041-2250								
System Description: Carbon Regeneration Kiln (S2.121/TU4.001)								
Hg	3,392.00	tpy	0.0000149	lbs/hr	0.1305	8,760	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Pregnant Strip Solution Tank (Shares a common stack with S2.121/TU4.002)								The Pregnant Strip Solution Tank and both Barren Strip Solution Tanks are
Hg	41.50	gals/min		lbs/hr	0.0000		0.0000	vented to a common stack with the Carbon Kiln. Therefore, the emissions
System Description: Barren Strip Solution Tank #1 (Shares a common stack with S2.121/TU4.003)								factor is for all four units running simultaneously and emissions are
Hg	41.50	gals/min		lbs/hr	0.0000		0.0000	calculated using the highest hours of operations value of the four units. The
System Description: Barren Strip Solution Tank #2 (Shares a common stack with S2.121/TU4.004)								Carbon Kin actually operated 8,724 hours for the year with the remaining
Hg	41.50	gals/min		lbs/hr	0.0000		0.0000	units operating 8,760 each.
System Description: Electric Induction Furnace (S2.130/TU4.005)								
Hg	36.00	tpy	0.00264	lbs/hr	1.2540	475	0.0000	Induction Furnace emissions factor derived from 2010 M29 stack test.
System Description: Refinery Electro-winning Vent & Ovens, Assay Laboratory Ovens.								
Hg					3.0680		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.
			CY2007 Facility Total:		59.6652		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008 Facility Total:		8.3173		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		4.5878		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**4.4525**		**0.0000**	**CY2010 Co-product: 0.00 lbs/yr.**
Source: Homestake Mining Company of California - Ruby Hill Mine: AQOP AP1041-0713.01; NMCP AP1041-2252								
System Description: Electric Carbon Regeneration Kiln (S2.019/TU4.001)								
Hg	13.90	tpy	0.0000152	lbs/hr	0.0026	170	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Electric Mercury Retort (S2.022/TU4.003)								
Hg	4.23	tpy	0.0000129	lbs/hr	0.0110	851	0.0000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Electric Refinery Induction Furnace (S2.013/TU4.002)								
Hg	4.27	tpy	0.000163	lbs/hr	0.0127	78	0.0000	Furnace emissions factor derived from 2010 M29 stack test.
System Description: Electro-winning Cells 1 & 2 (IA1.005/TU4.004)								
Hg	Not Reported	gals/yr	0.003768	lbs/hr	33.0077	8,760	0.0000	Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Pregnant and Barren Strip Solution Tanks (TU4.005)								Pregnant and Barren Strip Solution Tanks vented to a common stack with
Hg	Not Reported	gals/yr		lbs/hr	0.0000		0.0000	Electro-winning Cells, therefore, emissions factor is for both units.
System Description: Assay Laboratory								
Hg					1.3818		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		28.7825		0.5000	CY2007 Co-product: 1,000 lbs/yr.
			CY2007 Facility Total:		35.2201		0.3800	CY2007 Co-product: 760 lbs/yr.
			CY2008 Facility Total:		1.3883		0.2400	CY2008 Co-product: 480 lbs/yr.
			CY2009 Facility Total:		7.2874		0.1762	CY2009 Co-product: 352.40 lbs/yr.
			CY2010 Facility Total:		**34.4158**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Marigold Mining Company - Marigold Mine: AQOP AP1041-0158.02; NMCP AP1041-2254								
System Description: Carbon Regeneration Kiln (S2.013A/TU4.001)								
Hg	975.20	tpy	0.00000069	lbs/hr	0.0026	3,751	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retort (S2.014/TU4.002)								
Hg	8.35	tpy	0.000985	lbs/hr	1.0411	1,057	1.0330	Retort emissions factor derived from 2010 M29 stack test.
System Description: Tilting Crucible Furnace (S2.015/TU4.003)								
Hg	5.92	tpy	0.00211	lbs/hr	0.4562	216	0.0000	Furnace emissions factor derived from 2010 M29 stack test.
System Description: Electro-winning Circuit (TU4.004)								
Hg	45,522.00	tpy	0.000985	lbs/hr				Electro-winning Cells emissions factor derived from 2010 M29 stack test.
System Description: Pregnant Strip Solution Tank (TU4.005)								Pregnant and Barren Strip Solution Tanks vented to a common stack with
Hg	45,522.00	tpy	See Notes	lbs/hr				Electro-winning Cells, therefore, emissions factor is for all three units.
System Description: Barren Strip Solution Tank (TU4.006)								
Hg	45,522.00	tpy	See Notes	lbs/hr	5.8207	5,909	0.0000	

Source: Marigold Mining Company - Marigold Mine: AQOP AP1041-0158.02; NMCP AP1041-2254 (continued)								
System Description: Assay Laboratory								
Hg					2.0489		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		908.0610		0.1675	CY2006 Co-product: 335 lbs/yr.
			CY2007 Facility Total:		5.2255		0.2450	CY2007 Co-product: 490 lbs/yr.
			CY2008 Facility Total:		10.4883		0.5690	CY2008 Co-product: 1,138 lbs/yr.
			CY2009 Facility Total:		4.4540		0.8160	CY2009 Co-product: 1,632 lbs/yr.
			CY2010 Facility Total:		**9.3695**		**1.0330**	**CY2010 Co-product: 2,066 lbs/yr.**
Source: Borealis Mining Company: AQOP AP1041-2125; NMCP AP1041-2228								
System Description:								
Hg					0.0000		0.0000	Facility did not operate in 2009.
			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.
			CY2008 Facility Total:		0.0000		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		0.0000		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**0.0000**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Barrick Turquoise Ridge, Inc. - Getchell Mine: AQOP AP1041-0292.01; NMCP AP1041-2249								
System Description: Assay/Met Laboratory								
Hg					4.9462		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		10.6752		0.0000	CY2006 Co-product: 0.00 lbs/yr.
			CY2007 Facility Total:		4.9660		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008 Facility Total:		4.9462		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		4.9462		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**4.9462**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Noble Technologies Corp.: AQOP AP1041-2634; NMCP AP1041-2701								
System Description: Furnaces (3 Drying, 1 Smelting)								
Hg					4.0026		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2010 Facility Total:		**4.0026**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Tonkin Springs, LLC: AQOP AP1041-0482.03; NMCP AP1041-2726								
System Description: Assay Laboratory (2 Grieve Drying Ovens)								
Hg					4.9200		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2010 Facility Total:		**4.9200**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Eden Research, LLC: AQOP AP1041-2511; NMCP AP1041-2638								
System Description: Assay Laboratory								
Hg					2.7982		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2009 Facility Total:		2.7962		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**2.7982**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Royal Standard Minerals, Inc. - Manhattan Mine: AQOP AP1041-1457; NMCP AP1041-2303								
System Description: Dore Smelting Furnace								
Hg					4.1040		0.0000	Facility did not operate in 2010 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:		4.1040		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2008 Facility Total:		4.1040		0.0000	CY2008 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		4.1040		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**4.1040**		**0.0000**	**CY2010 Co-product: lbs/yr.**
Source: Newmont Mining Corporation - Phoenix Mine: AQOP AP1041-0220.02; NMCP AP1041-2247								
System Description: Electric Carbon Regeneration Kiln (S2.002/TU4.001)								
Hg	2,720.00	tpy	0.0000014	lbs/hr	0.0063	4,533	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retort (S2.014/TU4.002)								
Hg	22.00	tpy	0.0000044	lbs/hr	0.0098	2,232	0.0000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Pregnant & Barren Strip Solution Tanks								
Hg					0.0940		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
System Description: Electro-winning Cells								
Hg					0.2733		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		2.3061		0.0000	CY2006 Co-product: 0.00 lbs/yr.
			CY2007 Facility Total:		0.4579		0.0000	CY2007 Co-product: 0.00 lbs/yr.
			CY2009 Facility Total:		1.3102		0.0000	CY2009 Co-product: 0.00 lbs/yr.
			CY2010 Facility Total:		**0.3835**		**0.0000**	**CY2010 Co-product: lbs/yr.**

Source: Barrick Goldstrick Mines, Inc.: AQOP AP1041-0739.01; NMCP AP1041-2221								
System Description: North Roaster Mill Circuit #1 Air Pre-Heater and Dry Grinding Process (S2.204 & S2.205.01 - S2.205.12/TU4.001)								
Hg	2,546,879.00	tpy	0.0065	lbs/hr	50.271	7,734	0.0000	Mill Circuit #1 emissions factor derived from avg. of 2010 M29 stack tests.
System Description: South Roaster Mill Circuit #2 Air Pre-Heater and Dry Grinding Process (S2.206 & S2.207.01 - S2.207.12/TU4.002)								
Hg	2,559,585.00	tpy	0.0008	lbs/hr	6.264	7,830	0.0000	Mill Circuit #2 emissions factor derived from 2010 M29 stack test.
System Description: Roasters #1 & #2 (S2.209.1 & S2.209.2/TU4.003 & TU4.004)								
Hg	5,507,835.00	tpy	0.0144	lbs/hr	111.6	7,750	59.3775	Roaster Circuit emissions factor derived from 2010 M29 stack test. Testing was conducted during dual Roaster operations. Annual hours operated is the average of individual Roaster operations. Roaster #1 operated 7,703 hrs/yr, Roaster #2 operated 7,797 hrs/yr.
System Description: North Roaster Circuit #1 Quenching Process (S2.210/TU4.005)								
Hg	2,841,668.00	tpy	0.0035	lbs/hr	26.9605	7,703	0.0000	Quench Circuit #1 emissions factor derived from 2010 M29 stack test.
System Description: South Roaster Circuit #2 Quenching Process (S2.211/TU4.006)								
Hg	2,666,100.00	tpy	0.0038	lbs/hr	29.6286	7,797	0.0000	Quench Circuit #2 emissions factor derived from 2010 M29 stack test.
System Description: Analytical Assay Laboratory (S2.051/TU4.007)								
Hg	80.00	tpy	0.00027	lbs/hr	2.3652	8,760	0.0000	Assay Lab emissions factor derived from 2010 M29 satck test.
System Description: Carbon Reactivation Kiln (S2.004.1/TU4.008)								
Hg	10,145.00	tpy	0.00127	lbs/hr	10.2260	8,052	0.0000	Carbon Kiln emissions factor derived from 2010 M29 stack test.
System Description: Pregnant & Barren Strip Solution Tanks - Circuit A (TU4.009 & TU4.011)								
Hg	Not Reported	gals/yr	0.00047	lbs/hr	4.1172	8,760	0.0000	Preg./Barren Tanks A emissions factor derived from 2010 M29 stack test.
System Description: Pregnant & Barren Strip Solution Tanks - Circuit B (TU4.010 & TU4.012)								
Hg	Not Reported	gals/yr	0.00078	lbs/hr	6.8328	8,760	0.0000	Preg./Barren Tanks B emissions factor derived from 2010 M29 stack test.
System Description: Autoclave Circuit #1 (S2.015/TU4.013)					Acidic Operation			
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave Circuit #1 did not operate in acidic mode during 2010.
System Description: Autoclave Circuit #1 (S2.015/TU4.013)					Alkaline Operation			
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave Circuit #1 did not operate in alkaline mode during 2010.
System Description: Autoclave Circuit #2 (S2.016 & S2.017/TU4.014 & TU4.015))						Acidic Operation		
Hg	1,320,570.00	tpy	0.0009	lbs/hr	4.9068	5,452	0.0000	Autoclave Circuit #2 emissions factor derived from 2010 M29 stack test. Testing was conducted during dual Autoclave operation and only during acidic operations mode. Annual hours operated is the average of individual Autoclave operations. Autoclave #2 (TU4.014) operated 6,866 hrs/yr; Autoclave #3 (TU4.015) operated 4,038 hrs/yr.
System Description: Autoclave Circuit #2 (S2.016 & S2.017/TU4.014 & TU4.015))						Alkaline Operation		
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave Circuit #2 did not operate in alkaline mode during 2010.
System Description: Autoclave Circuit #3 (S2.018/TU4.016)					Acidic Operation			
Hg	30,798.00	tpy	0.00043	lbs/hr	0.1238	288	0.0000	Autoclave Circuit #3 emissions factor derived from M29 stack test conducted 02/08/11. Autoclave Circuit #3 only operated during December, 2010. Testing was conducted during acidic operations mode only.
System Description: Autoclave Circuit #3 (S2.018/TU4.016)					Alkaline Operation			
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave Circuit #3 did not operate in alkaline mode during 2010.
System Description: Autoclave Circuit #4 (S2.019 & S2.020/TU4.017 & TU4.018)						Acidic Operation		
Hg	1,528,847.00	tpy	0.00061	lbs/hr	3.7668	6,175	0.0000	Autoclave Circuit #4 emissions factor derived from 2010 M29 stack test. Testing was conducted during dual Autoclave operation and only during acidic operations mode. Annual hours operated is the average of individual Autoclave operations. Autoclave #5 (TU4.017) operated 5,117 hrs/yr; Autoclave #6 (TU4.018) operated 7,232 hrs/yr.
System Description: Autoclave Circuit #4 (S2.019 & S2.020/TU4.017 & TU4.018)						Alkaline Operation		
Hg	0.00	tpy	0	lbs/hr	0.0000	0	0.0000	Autoclave Circuit #4 did not operate in alkaline mode during 2010.
System Description: Mercury Retorts #1 (S2.009/TU4.019)								
Hg	33.00	tpy	0.0000174	lbs/hr	0.0323	1,858	0.0000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retorts #2 (S2.010/TU4.020)								
Hg	30.00	tpy	0.0000245	lbs/hr	0.0483	1,971	0.0000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retorts #3 (S2.011/TU4.021)								
Hg	32.00	tpy	0.000183	lbs/hr	0.3755	2,052	0.0000	Retort emissions factor derived from 2010 M29 stack test.
System Description: Mercury Retorts #1 - #3 (Cumulative Co-product)								
Hg							0.7305	Cumulative co-product for all three mercury retorts.

Source: Barrick Goldstrick Mines, Inc.: AQOP AP1041-0739.01; NMCP AP1041-2221 (continued)								
System Description: East & West Refinery Furnaces & Electro-winning Cells combined vented through a common carbon filter and stack (S2.013 & S2.014/TU4.022 & TU4.023)								
Hg	71.00	tpy	0.00148	lbs/hr	0.6009	406	0.0000	Furnaces's/EW Cells emissions factor derived from 2010 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 432 hrs/yr; West Furnace (TU4.023) operated 380 hrs/yr.
System Description: Electro-winning Cells only (TU4.024)								
Hg	Not Reported	gals/yr	0.0006	lbs/hr	4.3644	7,274	0.0000	EW Cells emissions factor derived from 2010 M29 stack test while the Furnaces were not operating. Total EW Cell operating hours were 7,680 hrs/yr. Combined Furnace/EW Cell operating hours of 406 hrs/yr. was subtracted from total hours operated to arrive at 7,274 hours of EW Cell operations only.
System Description: Assay, Mill, Mill Met, Autoclave, Autoclave Met and Roaster Pumphouse Laboratories, Strip Circuit Area and Ore Fines Fee System.								
Hg					4.4495		0.0000	Potential to emit (PTE), not actual - see De Minimis Designation Tech. Rev.
			CY2006 Facility Total:		616.7650		98.5500	CY2006 Co-product: 197,100 lbs/yr.
			CY2007 Facility Total:		708.6590		58.6300	CY2007 Co-product: 117,260 lbs/yr.
			CY2008 Facility Total:		166.0557		87.3300	CY2008 Co-product: 134,660 lbs/yr.
			CY2009 Facility Total:		369.7831		61.8730	CY2009 Co-product: 123,746 lbs/yr.
			CY2010 Facility Total:		**266.9336**		**60.1080**	**CY2010 Co-product: 120,216 lbs/yr. (91,366 lbs. - calomel; 28,850 lbs - elemental).**

CY 2010 Cumulative Totals			
Process Emissions (lbs/yr)		**Co-Product (tpy)**	CY 2010 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.
1,134.15		**101.59**	Co-product: 203,180 lbs/yr

Note that 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			
Process Emissions lbs/yr		Co-Product tpy	CY 2009 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 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			
Process Emissions lbs/yr		Co-Product tpy	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 to ensure reporting accuracy. Some facilities had entire testing events, 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			
Process Emissions lbs/yr		Co-Product tpy	CY 2007 process emissions were largely derived using one consistent FRM testing methodology (Method 29) with scattered M101A and OHM results used in lieu of M29 due to test schedule conflicts/logistics issues. 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 lbs/yr		Co-Product tpy	"as submitted" due to variability in testing methodology, emission calculation methods and/or the lack of current FRM test results.
4,468.15		**133.26**	Co-product: 266,520 lbs/yr