

Table 3 Contd.

ROYAL OAK MINES Inc.  
Air Sampling Report for 1992  
DECEMBER, 1992

STATION		JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVG
Roaster Filter Floor	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		0.63			0.58			0.67			0.71		0.65
	As ug/m3		17.89			20.43			22.53			21.88		20.68
Roaster Control Room	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		0.29			0.22			0.19			0.26		0.24
	As ug/m3		5.18			6.90			5.99			6.40		6.12
Roaster Top Flr	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		1.69			1.77			2.00			2.20		1.92
	As ug/m3		33.29			29.98			28.45			28.45		30.45
Cottrell Top Flr	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		1.75			1.85			1.80			1.73		1.33
	As ug/m3		24.69			26.72			26.44			24.90		25.69
Cottrell Bottom Floor	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		1.44			1.30			1.45			1.32		1.38
	As ug/m3		20.99			21.98			22.00			20.80		21.44
Cottrell Control Room	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		0.04			0.09			0.10			0.08		0.08
	As ug/m3		5.19			5.10			4.84			4.31		4.86
Baghouse Bottom Floor	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		1.58			1.65			1.70			1.65		1.65
	As ug/m3		20.69			23.44			24.08			20.04		22.05
Baghouse Top Flr	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		1.79			1.84			1.97			2.00		1.90
	As ug/m3		23.77			22.96			22.44			23.04		23.05
Refinery Furnace Area	Total / Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	
	Dust mg/m3	2.30	1.65	1.80	1.58	1.74	1.91	1.64	1.82	1.97	1.75	1.99	1.93	1.84
	As ug/m3	23.15	42.80	37.85	36.87	33.00	32.87	31.90	30.00	33.90	32.98	31.50	34.00	33.40
Refinery Control Room	Total / Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	Resp	
	Dust mg/m3	0.83	0.31	0.67	0.49	0.56	0.41	0.52	0.63	0.56	0.73	0.67	0.40	0.57
	As ug/m3	6.17	8.64	8.90	7.98	9.88	8.40	8.11	7.99	8.67	8.89	9.11	7.91	8.39
Carbon Plant	Total / Resp		Resp			Resp			Resp			Resp		
	Dust mg/m3		0.52			0.90			0.94			1.21		0.89
	As ug/m3		10.97			16.48			14.88			16.40		14.68
Quench Tank	Total / Resp		Resp											
	Dust mg/m3		0.31											
	As ug/m3		12.33											

Threshold Limit Values: Total Arsenic = 50 micro-grains per cubic metre.

Respirable Dust = 5.0 milli-grains per cubic metre.