

MINE NAME
I. D. 26-XXXX

DPM Emission Calculator

	Current	Future	
Mine Air Flow	200,000 cfm	200,000 cfm	Section Airflow Increase
Section Airflow	12,000 cfm	12,000 cfm	100%

Unit	Type	Engine	Horsepower	Lab Emissions gm/hp-hr	Lab Particulate Index	Lab Emissions gm/min	Operation Time-hrs.	Actual Emissions gm	Control Efficiency Percent	Treated Emissions gm
1	Loader	F5L912W	68	0.25	5503	0.28	10	170	0	170
2	Loader	S40E	250	0.50	40465	2.08	10	1250	0	1250
3	Haul Truck	S60E	400	0.06	7769	0.40	10	240	0	240
4	Haul Truck	S60E	400	0.25	32372	1.67	10	1000	0	1000
5	Jumbo	BF4L1011L	74	0.19	4552	0.23	5	70	0	70
6	Grader	JD6059D	90	0.50	14567	0.75	6	270	0	270
7	Utility	6DZ	130	0.50	21042	1.08	6	390	0	390
8	Utility	6DZ	130	0.10	4208	0.22	3	39	0	39
Totals			1542	2	130479	6.72		3429		3429
								429	gm/hr	429

cfm/hp:

Mine Section 1308

TC Concentrations:

Intake	0	0	ug/m3
Exhaust	555	555	ug/m3

Outside Cab of Loader	3372	3372	ug/m3
Inside Cab of Loader	3372	3372	ug/m3

Cab Efficiency %
0 0