

Kalabasfontein Project Impact Significance Ratings-Air Quality

IMPACT DESCRIPTION			PRE - MITIGATION						POST - MITIGATION						IMPACT PRIORITISATION							
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Public response	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Gaseous and particulate emissions; fugitive dust	Alternative 3	Construction	-1	3	5	4	4	4	-16	-1	2	4	2	3	4	-11	Medium	1	1	1	1.00	-11.00
Generation of PM2.5 and PM10	Alternative 3	Construction	-1	3	5	4	4	4	-16	-1	2	4	2	3	4	-11	Medium	1	1	1	1.00	-11.00
Gaseous and particulate emissions; fugitive dust	Alternative 3	Operation	-1	3	5	4	4	4	-16	-1	2	4	2	4	4	-12	Medium	1	1	1	1.00	-12.00
Generation of PM2.5 and PM10	Alternative 3	Operation	-1	3	5	4	4	4	-16	-1	3	4	2	4	4	-13	Medium	1	1	1	1.00	-13.00
Gaseous and particulate emissions; fugitive dust	Alternative 3	Decommissioning	-1	2	5	4	3	4	-14	-1	2	5	2	3	4	-12	Medium	1	1	1	1.00	-12.00
Generation of PM2.5 and PM10	Alternative 3	Decommissioning	-1	2	5	4	3	4	-14	-1	2	5	2	3	4	-12	Medium	1	1	1	1.00	-12.00
Gaseous and particulate emissions; fugitive dust	Alternative 2	Construction	-1	3	5	4	4	4	-16	-1	2	4	3	3	4	-12	Medium	1	1	1	1.00	-12.00
Generation of PM2.5 and PM10	Alternative 2	Construction	-1	3	5	4	4	4	-16	-1	2	4	3	3	4	-12	Medium	1	1	1	1.00	-12.00
Gaseous and particulate emissions; fugitive dust	Alternative 2	Operation	-1	3	5	4	4	5	-20	-1	2	4	3	4	4	-13	Medium	1	1	1	1.00	-13.00
Generation of PM2.5 and PM10	Alternative 2	Operation	-1	3	5	4	4	5	-20	-1	3	4	4	4	4	-15	Medium	1	1	1	1.00	-15.00
Gaseous and particulate emissions; fugitive dust	Alternative 2	Decommissioning	-1	2	5	4	3	5	-17.5	-1	2	5	3	3	4	-13	Medium	1	1	1	1.00	-13.00
Generation of PM2.5 and PM10	Alternative 2	Decommissioning	-1	2	5	4	3	5	-17.5	-1	2	5	3	3	4	-13	Medium	1	1	1	1.00	-13.00
Gaseous and particulate emissions; fugitive dust	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Generation of PM2.5 and PM10	Alternative 1	Construction	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Gaseous and particulate emissions; fugitive dust	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Generation of PM2.5 and PM10	Alternative 1	Operation	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Gaseous and particulate emissions; fugitive dust	Alternative 1	Decommissioning	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00
Generation of PM2.5 and PM10	Alternative 1	Decommissioning	-1	1	1	1	1	1	0	-1	1	1	1	1	1	0	Medium	1	1	1	1.00	0.00