



APPENDIX 26-4

***PREDICTED OPERATIONAL
NOISE LEVELS***

APPENDIX 26-4 PREDICTED NOISE LEVELS FROM OCC PLANT FOR NOISE SENSITIVE LOCATIONS WITHIN 1KM STUDY AREA

Table 26.4.1 Predicted pre-mitigation noise levels compared to noise criteria EPA NG4 low background noise criterion at 28 no. locations within 1km OCC study area

Ref.	ITM Ref (Easting, Northing)	Predicted Noise Level dB(A)	Period	EPA NG4 Criterion dB L _{Aeq,15min}	Excess	Complies?
NSL016	502419,653612	36	Day	45	--	✓
			Evening	40	--	✓
			Night	35	1 dB	x
NSL029	502406,653954	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL051	502400,653838	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL057	502456,653762	31	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL058	502533,652765	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL059	502477,652616	22	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL060	502558,652869	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL061	502419,652453	20	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL082	502498,652722	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL136	502649,653587	35	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL142	502283,652578	19	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL163	502182,652560	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL166	502030,652517	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL167	503044,653013	23	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓

Ref.	ITM Ref (Easting, Northing)	Predicted Noise Level dB(A)	Period	EPA NG4 Criterion dB LAeq,15min	Excess	Complies?
NSL168	501882,654193	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL169	501928,652528	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL170	501884,652556	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL171	501828,654079	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL172	503021,653984	24	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL173	501779,654047	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL174	501736,654066	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL175	503256,653068	21	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL176	501694,654051	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL177	501671,654008	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL178	503274,653433	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL179	503388,653136	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL180	501616,652602	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL181	501569,654037	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓

Table 26.4.2 Predicted post-mitigation noise levels compared to noise criteria EPA NG4 low background noise criterion at 28 no. locations within 1km OCC study area

Ref.	ITM Ref (Easting, Northing)	Predicted Noise Level dB(A)	Period	EPA NG4 Criterion dB L _{Aeq,15min}	Excess	Complies?
NSL016	502419,653612	35	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL029	502406,653954	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL051	502400,653838	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL057	502456,653762	30	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL058	502533,652765	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL059	502477,652616	22	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL060	502558,652869	28	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL061	502419,652453	20	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL082	502498,652722	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL136	502649,653587	34	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL142	502283,652578	19	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL163	502182,652560	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL166	502030,652517	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL167	503044,653013	24	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL168	501882,654193	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL169	501928,652528	26	Day	45	--	✓

Ref.	ITM Ref (Easting, Northing)	Predicted Noise Level dB(A)	Period	EPA NG4 Criterion dB LAeq,15min	Excess	Complies?
			Evening	40	--	✓
			Night	35	--	✓
NSL170	501884,652556	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL171	501828,654079	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL172	503021,653984	24	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL173	501779,654047	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL174	501736,654066	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL175	503256,653068	22	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL176	501694,654051	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL177	501671,654008	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL178	503274,653433	27	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL179	503388,653136	25	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL180	501616,652602	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓
NSL181	501569,654037	26	Day	45	--	✓
			Evening	40	--	✓
			Night	35	--	✓