

Environmental Assessment

Highway 102 Aerotech Connector

Predicted Sound Levels

Receptor	Distance	Scenario	Equivalent Sound Level dBA (Leq A)						
			Predicted/Cumulative		Baseline		Increment		
			DT ¹	NT ²	DT	NT	DT	NT	
R1	30	A	60	51	43	38	17	13	
		B	61	52			18	14	
		C	62	53			19	15	
R2	50	A	56	47	43	38	13	9	
		B	56	48			13	10	
		C	58	49			15	11	
R3	160	A	48	40	35	30	13	10	
		B	48	41			13	11	
		C	50	42			15	12	
R4	102	A	51	42	35	30	16	12	
		B	52	43			17	13	
		C	53	45			18	15	
R5	51	A	56	47	39	36	17	11	
		B	56	48			17	12	
		C	58	49			19	13	
R6	54	A	56	47	39	36	17	11	
		B	56	47			17	11	
		C	57	49			18	13	
R7	60	A	55	46	39	36	16	10	
		B	55	47			16	11	
		C	57	48			18	12	
R8	53	A	56	47	39	36	17	11	
		B	56	48			17	12	
		C	58	49			19	13	
Average Increment							16	12	
							±3	±3	
NS Guideline Sound Levels			65	55					
¹ Daytime									
² Nighttime									