

WE33 Noise Monitoring Results - 14/15 Feb - Auburn Junction Project (SIG16)

NovoRail Reference Number	Site #	Monitoring Location	Weather Conditions	Date	Time	Duration	Time Units	Construction Activities	Main source of noise	LA(eq)	LA(10)	LA(90)	LA(max)	LA(min)	Shift	Audible noise from AJP construction activities	Predicted construction sound pressure level (LA(eq,15min))	Compliance	Comments
668	1	223 Rawson St Auburn	Warm, calm	14/02/2015	16:00	15	min	Civils	Road traffic	71.8	74.9	57.9	91.1	51.6	2	Nil	70	Y	
669	2	183 Rawson St Auburn	Warm, calm	14/02/2015	16:28	15	min	Civils, Track	Road traffic	69.6	73.2	58.6	87.1	51.3	2	Crane truck, Manitou, Excavator	76	Y	
670	4	176 South Pd Auburn	Warm, light breeze	14/02/2015	17:02	15	min	Track	Road traffic	76.1	73.1	65.5	103.3	61.9	2	Track grinder	69	Y	
671	3	2-4 Macquarie Rd Auburn	Cool, calm	14/02/2015	21:52	15	min	Track	Road traffic	70.0	72.9	64.8	84.2	62.7	2	Grinder, hand grinder, lighting tower audible ~65dB	71	Y	
672	1	223 Rawson St Auburn	Calm, cool	15/02/2015	1:07	15	min	Civils	Road traffic	64.6	69.2	44.9	81.5	42.9	2	Nil	70	Y	
673	2	183 Rawson St Auburn	Calm, cool	15/02/2015	1:30	15	min	Civils	Road traffic	64.6	68.0	56.9	80.6	52.5	2	Excavator, Hydrema, Daymaker ~55dB	66	Y	
674	2	183 Rawson St Auburn	Warm, light breeze	15/02/2015	11:17	15	min	OHW, Track	Road traffic	67.6	73.6	59.4	86.5	51.2	3	tamping (no traffic) ~55dB	76	Y	
675	1	223 Rawson St Auburn	Calm, cool	15/02/2015	14:47	15	min	Track	Road traffic	69.3	73.0	54.9	85.4	47.4	4	Nil	70	Y	
676	3	2-4 Macquarie Rd Auburn	Calm, cool	15/02/2015	15:15	15	min	OHW, Track	Road traffic	70.0	72.7	60.4	88.6	53.8	4	EWP, Cherry picker ~55dB	71	Y	
677	3	2-4 Macquarie Rd Auburn	Calm, cool	15/02/2015	16:52	15	min	OHW, Track	Road traffic	71.0	736.0	65.4	84.5	58.0	4	Turnout grinder, EWP ~55dB	71	Y	
678	4	176 South Pd Auburn	Calm, cool	15/02/2015		15	min	OHW, Track	Drunk guy "Eric" yelling at mic	79.5	72.6	63.2	110.6	59.0	4	Track turnout grinder + EWP ~61dB	69	Y	

** higher than predicted noise levels due to non-construction related activities i.e. traffic*