

Mid-week 37/38 Noise Monitoring Results - 11-19 March 15 - 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
678	2	183 Rawson St Auburn	Calm, warm	11/03/2015	1:50	15	min	Track Emergency Works	Traffic	61.3	63.1	49.1	83.0	47.4	Emergency	Nil	NA	Y	
679	2	183 Rawson St Auburn	Calm, warm	11/03/2015	2:14	15	min	Track Emergency Works	Traffic	66.7	70.1	49.1	84.3	47.4	Emergency	Excavator with tamping head ~62dBA	NA	Y	
680	2	183 Rawson St Auburn	Calm, warm	13/03/2015	1:45	15	min	Track Emergency Works	Traffic	61.8	63.6	49.8	83.4	44.0	Emergency	8t Excavator	NA	Y	
681	2	183 Rawson St Auburn	Calm, warm	13/03/2015	14:06	15	min	Track Emergency Works	traffic	66.7	68.0	49.2	89.9	45.2	day	8t Excavator ~53dBA	NA	Y	
682	1	223 Rawson St Auburn	Calm, warm	19/03/2015	0:03	15	min	Track Emergency Works	Traffic	66.7	69.2	50.2	91.8	46.3	Emergency	Idle tamper	NA	Y	
683	1	223 Rawson St Auburn	fine, light breeze	19/03/2015	0:20	15	min	Track Emergency Works	Traffic	69.6	71.6	60.8	88.3	58.1	Emergency	tamping ~71dBA @AN502 location	NA	Y	Ambulance, Freight train passing during 15min
684	1	223 Rawson St Auburn	fine, light breeze	19/03/2015	0:39	15	min	Track Emergency Works	Traffic	63.3	68.4	52.4	77.2	49.8	Emergency	tamping ~52dBA @AN502 location	NA	Y	
685	2	183 Rawson St Auburn	fine, light breeze	19/03/2015	0:55	15	min	Track Emergency Works	Traffic	64.1	65.1	47.7	84.5	47.7	Emergency	Nil	NA	Y	Dominated by road traffic

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

	Day 3	Evening 4	Night 5
1 223 Rawson St Auburn	75	75	69
2 183 Rawson St Auburn	75	72	70
3 2-4 Macquarie Rd Auburn	75	75	68
4 176 South Pd Auburn	73	73	66
5 38 Kerr Pd Auburn	72	72	63
6 25 Gellibolu Pd Auburn	70	70	61

7:00
18:00
22:00