

WE26 Noise Monitoring Results - 26-30 December - 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
644	1	223 Rawson St Auburn	Calm, cool	26/12/2014	6:17	15	min	Compound only	Road traffic	68.3	70.9	44.6	90.5	41.5	1	Nil	70	Y	
645	2	183 Rawson St Auburn	Calm, cool	26/12/2014	6:40	15	min	Compound only	Road traffic	65.1	69.5	45.8	84.3	41.7	1	Some compound activities ~48dBA	70	Y	
646	3	2-4 Macquarie Rd Auburn	Calm, cool	26/12/2014	6:59	15	min	Track	Road traffic	68.1	72.5	54.0	80.3	50.3	1	Front end loader and 20 staff ~62 dBA	70	Y	Rail saw used to cut rail, but was immediately stopped and replaced with a gas axe to minimise noise prior to 8am
647	4	176 South Pd Auburn	Calm, cool	26/12/2014	7:22	15	min	Track	Road traffic	60.9	60.9	50.4	82.1	47.2	1	Excavator and front End loader ~55dBA	70	Y	
648	2	183 Rawson St Auburn	Calm, cool	27/12/2014	9:35	15	min	Track	road traffic	53.1	59.7	42.5	81.2	36.7	3	compound activities	70	Y	
649	2	183 Rawson St Auburn	Calm, cool	27/12/2014	9:51	15	min	Track	Road traffic	54.1	62.4	44.9	79.7	40.9	3	compound activities	70	Y	
650	2	183 Rawson St Auburn	Calm, cool	27/12/2014	13:02	15	min	drainage	Road traffic	63.4	67.7	57.6	86.1	51.8	3	some hammering actives	70	Y	
651	1	223 Rawson St Auburn	Calm, cool	27/12/2014	18:29	15	min	drainage	Road traffic	70.9	75.3	55.3	86.9	50.3	4	hydremas, 13t and 8t excavators	70	Y	
652	3	2-4 Macquarie Rd Auburn	Calm, cool	27/12/2014	18:56	15	min	Track	Road traffic	71.6	75.2	59.9	89.9	56.1	4	tamper idle in area but inaudible over traffic	70	Y	
653	5	38 Kerr Pd Auburn	Calm, cool	27/12/2014	22:32	15	min	signalling	Road traffic	60.4	64.6	46.6	85.6	44.0	4	Nil	65	Y	
654	6	25 Gelibolu Pd Auburn	Calm, cool	27/12/2014	23:03	15	min	signalling	Road traffic	48.3	49.8	41.8	67.2	40.1	4	Nil	63	Y	
655	2	183 Rawson St Auburn	Calm, cool	28/12/2014	0:58	15	min	Track	Road traffic	65.7	68.8	52.1	84.7	47.2	4	compound activities +works train + tamper + regulator ~57dBA	70	Y	
656	4	176 South Pd Auburn	Calm, cool	28/12/2014	21:36	15	min	Track + OHW +HQ	Road traffic	66.1	68.3	62.4	80.5	60.5	6	3 daymakers, watercart for dust suppression and 8t excavator ~62dBA	69	Y	
657	1	223 Rawson St Auburn	Calm, cool	28/12/2014	22:10	15	min	Civil	Road traffic	69.7	74.0	51.5	86.1	45.5	6	Nil	70	Y	

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