

WE23 Noise Monitoring Results - 1-7 December - Wickham Transport Interchange (SIG19)

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 WTI construction activities	Predicted construction sound pressure level (LA(eq,15min))	Compliance	Comments
1	NCA5	59 Station st, Wickham	Fine	1/12/2014	21:28	15	Mins	Footpaths and GST	Train activity	62.8	60.4	41.8	94.8	38.7	Night	Light generator	42	Y	Noise from train activity, road traffic and bats
-	-	-	Storms	2/12/2014	-	-	-	-	-	-	-	-	-	-	Night				Monitoring not undertaken due to weather conditions
2	NCA9	3 Eva Street, Hamilton	Stroms and strong winds	5/12/2014	19:50	-	-	None	-	-	-	-	-	-	Night				Noise monitoring cancelled due to weather conditions
3	NCA5	59 Station st, Wickham	Overcast, light breeze	6/12/2014	10:17	15	Mins	GST, Potholing, Ballasting and walkways	Traffic	63.4	64.6	46.4	87.2	41	Day	Sucker truck, talking workers	45	Y	Traffic diverted from usual route due to road closure
4	NCA9	3 Eva Street, Hamilton	Overcast, light breeze	6/12/2014	10:51	15	Mins	Lifting operation	Traffic	48.7	50.2	41.8	72	39	Day	Noise from lowering of demountable buildings from crane	48	Y	Workers briefly audible
5	NCA1	25 Fern Street	Fine	6/12/2014	11:12	15	Mins	Lifting operation	Traffic	55.5	57.8	40.8	75.4	37	Day	Noise from lowering of crane boom	42	Y	Lots of noise from vehicle movements out of local business warehouse
6	NCA2	10 Ivy Street, Islington	Fine	6/12/2014	12:09	15	Mins	Lifting operation	Traffic	58.8	60	44.5	80.4	42.9	Day	Vehicle moving in/out of the site, beeping noises from plant, noise from moving of ATF	50	Y	Noise from local commercial premises, loud noise from passing traffic
7	NCA2	10 Ivy Street, Islington	Fine, partly cloudy	6/12/2014	21:33	15	Mins	None	Traffic	47.1	48.2	40.8	64.4	37.8	Night	None	42	Y	Noise from security guards talking. Most noise from traffic and local pub
8	NCA1	25 Fern Street, Islington	Fine, partly cloudy	6/12/2014	21:54	15	Mins	None	Traffic	50.4	50.6	42.4	69.2	39.4	Night	None	37	Y	Noise from traffic and local pub
9	NCA9	3 Eva Street, Hamilton	Fine, partly cloudy	6/12/2014	22:24	15	Mins	None	Traffic	46.8	50.4	40.4	62.6	-	Night	None	40	Y	Noise from traffic on donald street and Beaumont street
10	NCA8	1 Selma street, Newcastle West	Fine, partly cloudy	6/12/2014	23:25	15	Mins	Concreting walkways, GST	Traffic	55.8	59.6	45.4	72.1	41.7	Night	Lighting towers, reverse quackers, hand tools	45	Y	Noise from traffic and pedestrians
11	NCA5	59 Station st, Wickham	Fine, partly cloudy	6/12/2014	23:57	15	Mins	Concreting walkways, GST	Traffic	55.8	56	53.8	70.7	52.8	Night	Lighting towers and hand tools	45	Y	Noise from traffic, local pub and pedestrians
12	NCA5	59 Station st, Wickham	Fine	7/12/2014	5:33	15	Mins	Ballasting of walkways	Operation of plant	58.2	58.8	47.4	75.8	45.4	Morning	Excavator, Hydroma, lighting towers	45	N	Majority of noise from construction. Small amounts of noise from traffic.
13	NCA1	25 Fern Street, Islington	Fine	7/12/2014	7:05	15	Mins	Potholing	Traffic	55	55.4	52	70.2	50.3	Day	Potholing truck	42	Y	Noise from Beaumont street traffic
14	NCA2	10 Ivy Street, Islington	Fine	7/12/2014	7:23	15	Mins	Potholing	Movement of plant	58.7	62.2	45.2	85.1	40.98	Day	Light vehicle movements, workers talking	52	N	Noise from security guards, majority of noise from plant coming on/off site.

15	NCA2	10 Ivy Street, Islington	Overcast, windy	7/12/2014	16:38	15	Mins	Dust suppression	Traffic	54.1	57.4	42.6	73.1	38.3	Afternoon	Water cart	42	Y	Noise from traffic and avifauna
16	NCA1	25 Fern Street, Islington	Overcast, windy	7/12/2014	17:00	15	Mins	Dust suppression	Traffic	51.8	53.4	44.8	70.7	41.1	Afternoon	Water cart	37	N	Noise from traffic and rustling of trees
17	NCA3	3 Eva Street, Hamilton	Overcast, windy	7/12/2014	17:25	15	Mins	None	Avifauna	51.4	52.2	41.2	72.4	38.4	Afternoon	None	40	Y	Noise from avifauna, traffic and insects
18	NCA5	59 Station st, Wickham	Overcast	7/12/2014	21:10	15	Mins	GST, walkways	Lighting generators	55.1	55.8	53.8	67.5	52.8	Night	Lighting generators	47	N	Noise from car idling close to noise monitor. Traffic minimal.
19	NCA8	1 Selma street, Newcastle West	Overcast	7/12/2014	21:42	15	Mins	GST, walkways	Traffic	56.4	60	46.4	71.8	44	Night	Lighting generators	48	Y	Majority of noise from traffic, lighting generators audible, noise from abuse member of the public

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