

WE21 Noise Monitoring Results - 22/23 November - 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
186	NCA5	59 Station Street, Wickham	Fine, Windy	22/11/2014	12:22	15	Min	Excavating road, piling	Construction	61.8	63.8	56.8	78.4	53.3	Day	Excavation Truck, Loader, Truck Leaving, Piling rig, Concrete agitator, street sweeper	50	Y	Traffic and construction activities both audible
187	NCA2	10 Ivy Street, Hamilton	Fine, Windy	22/11/2014	13:03	15	Min	Vactruck	Construction	63.5	58.8	65.8	78.9	56.7	Day	Sucker Truck, Water cart	51	N	Small amounts of traffic audible
188	NCA1	25 Fern Street, Hamilton	Fine, Windy	22/11/2014	13:45	15	Min	Sucker Truck	Construction	60.3	59.6	49.0	83.9	46.2	Day	Sucker truck, Street Sweeper			Traffic and construction activities both audible. Local commercial premises had audible truck activity
0190.53A	NCA9	3 Eva Street, Hamilton	Gentle Breeze	22/11/2014	18:27	15	Min	Track Slew	Construction	62.2	60.0	63.8	75.0	58.6	Evening	Light generator, Track tamper, Water cart	42	N	Dog barking, plant watering at local residence
0189.53A	NCA5	59 Station Street, Wickham	Gentle Breeze	22/11/2014	17:46	15	Min	Hand Tools, Street sweeper	Street Sweeper	69.5	43.8	67.6	93.3	41.4	Evening	Street sweeper, reverse quackers	41	Y	Birds and local pub activity audible. Chatter from road crew
0193.53A	NCA9	3 Eva Street, Hamilton	Calm	22/11/2014	23:08	15	Min	Lighting, Heavy Vehicles	Local Pub	54.4	55.2	53.0	69.1	51.2	Night	Lighting generators	40	Y	Activity from local pub consistently audible. Small noise activity from pedestrians and crickets.
0192.53A	NCA1	25 Fern Street, Hamilton	Gentle Breeze	22/11/2014	21:33	15	Min	Lighting, Heavy Vehicles	Traffic	53.5	53.8	46.8	74.1	45.4	Night	Saw	37	Y	Construction activity, traffic and activity from local pub audible.
0191.53A	NCA 2	10 Ivy Street, Hamilton	Calm	22/11/2014	21:03	15	Min	Lighting, Excavator, Trenching	Local Pub	56.0	57.2	50.6	73.5	48.5	Night	Concrete truck, Water cart, Excavator, reverse quacker	45	Y	Live music from local pub, moderate traffic.
197	NCA 1	25 Fern Street, Hamilton	Calm	23/11/2014	21:10	15	Min	Lighting	Local Pub	56.7	57.8	48.2	77.4	44.6	Night	Lighting generators	37	Y	Music from local pub dominated
198	NCA2	10 Ivy Street, Islington	Gentle Breeze	23/11/2014	21:37	15	Min	Lighting	Local Pub	55.3	56.4	50	81.7	47.8	Night	Lighting generators	42	Y	Music from local pub dominated
194	NCA8	1 Selma Street, Wickham	Calm, Light mist	23/11/2014	0:29	15	Min	Lighting	Traffic	55.7	58.8	47.4	73.5	43.8	Night	Lighting generators lightly audible	44	Y	Dominated by road activity
195	NCA5	59 Station Street, Wickham	Calm	23/11/2014	15:45	15	Min	Street Sweeper	Street Sweeper	58.3	59.6	56	73.7	54	Day	Street sweeper	38	N	Pedestrian activity at 6 mins
196	NCA9	3 Eva Street, Hamilton	Windy	23/11/2014	18:18	15	Min	Heavy Vehicle movement	Traffic	53.3	56.6	49	66.8	46.8	Evening	Engine noise	40	Y	Road traffic dominated. Dog barks and thunder also audible.

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