

WE26 Noise Monitoring Results - 22-28 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	NCA 5	59 Station Street, Wickham	Overcast	22/12/2014	22:13	15	Mins	Site Compound upgrade	Train Activity	60.4	63.4	47.0	89.7	45.0	Night	Lighting tower	42	Y	Noise from train activity (including level crossing alarm and train horns) dominated. Noise generated from passing traffic.
2	NCA 5	59 Station Street, Wickham	Fine, windy	26/12/2014	11:47	15	Mins	Sucker truck, road crossing, GST	Construction	64.6	65.8	63.0	74.7	58.7	Day	Sucker truck, GST installation	38	N	Minimal noise from traffic
3	NCA 9	3 Eva Street, Hamilton	Fine, windy	26/12/2014	12:19	15	Mins	Trackworks	Traffic	46.7	48.8	41.6	68.0	38.4	Day	Reverse quacker	45	Y	Minimal noise from construction. Noise from Donald street traffic dominated.
4	NCA 2	10 Ivy Street, Islington	Fine, windy	26/12/2014	12:41	15	Mins	Trackworks	Construction	56.3	53.6	41.4	80.2	37.5	Day	Light vehicles	47	Y	Significant noise from local traffic.
5	NCA 2	10 Ivy Street, Islington	Overcast, windy	26/12/2014	21:00	15	Mins	Trackworks	Construction	59.5	59.6	57.4	84	56.3	Night	Plant	47	N	Noise from lighting towers crane truck and other plant; were operating within 30-40m of noise meter. Minimal noise from local traffic and sound of wind in trees.
6	NCA 1	25 Fern Street, Islington	Overcast, windy	26/12/2014	21:19	15	Mins	Trackworks	Barking dog	57.2	60.6	47.6	75	45.1	Night	Lighting generators, reverse quackers	41	Y	Significant noise from barking dog at local residence. Noise from Beaumont street traffic.
7	NCA 9	3 Eva Street, Hamilton	Overcast, windy	26/12/2014	21:47	15	Mins	Trackworks	Traffic	49.4	52.4	44.6	63.4	42.3	Night	Light generators	45	Y	Noise from construction only faintly audible. Noise from Donald street traffic dominant. Small amounts of noise from wind in trees.
8	NCA 5	59 Station Street, Wickham	Overcast, windy	27/12/2014	0:25	15	Mins	Removal of OHW	Construction	55.3	56.2	52	72.8	50.2	Night	Light generators, hi rail boom lift, hand tools	51	Y	Main noise from construction. Majority of passing traffic were work site uses. Minimal noise from community traffic and pedestrians. Small amounts of noise from wind blowing leaves.
9	NCA 8	1 Selma Street, Newcastle West	Overcast, windy	27/12/2014	1:01	15	Mins	Trackworks	Traffic	52.4	55.6	39.4	71.2	35.6	Night	Light generators, reverse quackers	44	Y	Main noise from Donald street and Maitland road traffic. Light generators and reverse quackers only faintly audible.
10	NCA 5	59 Station Street, Wickham	Overcast, windy	27/12/2014	12:05	15	Mins	Railway street crossing, GST	Construction	64.1	65.8	52.6	85.7	49.4	Day	Sucker truck, light vehicles, reverse quackers.	40	N	Minimal noise from traffic.
11	NCA 2	10 Ivy Street, Islington	Overcast, windy	27/12/2014	13:57	15	Mins	Trackworks	Construction	59.9	60.8	44	76.3	40.6	Day	Water cart, light vehicles.	47	Y	Noise from construction and local traffic.
12	NCA 1	25 Fern Street, Islington	Overcast, windy	27/12/2014	14:17	15	Mins	GST, Building installation	Traffic	55.9	56.6	46.2	77.9	43.7	Day	Water cart, reverse quackers	48	Y	Noise from local traffic dominant. Noise from barking dog. Construction activities faintly audible.
13	NCA 9	3 Eva Street, Hamilton	Overcast, windy	27/12/2014	14:39	15	Mins	Trackworks	Traffic	51.6	51.8	44	71.8	40.4	Day	Tamper	45	Y	Noise from Donald street and Beaumont street traffic dominant.
14	NCA 9	3 Eva Street, Hamilton	Overcast	27/12/2014	20:26	15	Mins	Scissor crossing	Traffic	47.6	50.8	41.4	66.5	39.5	Night	Lighting generators	43	Y	Noise from Donald street traffic dominant. Music from pub audible. Noise from pedestrians and local residents. Lighting generators and bats faintly audible.
15	NCA 2	10 Ivy Street, Islington	Overcast	27/12/2014	22:03	15	Mins	Scissor crossing	Construction	59.1	61.8	52.8	67.5	50.9	Night	Regulator, light generators	50	N	Noise from Maitland road traffic dominant.

16	NCA 1	25 Fern Street, Islington	Overcast	27/12/2014	22:21	15	Mins	Scissor crossing	Traffic	56.7	60.2	45	79.3	41.8	Night	Regulator, light generators	43	Y	Noise from local traffic and local pub dominant.
17	NCA 8	1 Selma Street, Newcastle West	Overcast	27/12/2014	23:46	15	Mins	Scissor crossing, GST	Traffic	54.1	57.4	43	69.3	39.3	Night	Light generators	44	Y	Noise from Maitland road and Donald street traffic dominant. Noise from hand tools briefly audible. Noise from light generators faintly audible.
18	NCA 5	59 Station Street, Wickham	Overcast	28/12/2014	0:20	15	Mins	Removal of OHW	Pedestrians	55.6	57	51.2	76.9	50	Night	Light generators	43	Y	Majority of noise from pedestrians coming/leaving local pub. Additional noise from traffic and light generators.
19	NCA 1	25 Fern Street, Islington	Overcast	28/12/2014	22:54	15	Mins	Trackworks	Traffic	50.1	39.4	50	70.4	37	Night	Lighting generators	43	Y	Majority of noise from beaumont street traffic. Significant noise from dog barking from nearby residence. Additional noise from local pub.
20	NCA 5	59 Station Street, Wickham	Overcast	28/12/2014	23:30	15	Mins	Trackworks	Construction	59.2	56.2	51.6	81.7	50.6	Night	Light generators, light vehicles, workers talking	43	N	Large amounts of noise from light generators. Additional noise from light vehicle movement.
21	NCA 2	10 Ivy Street, Islington	Overcast	28/12/2014	0:23	15	Mins	Trackworks	Construction	50	51	48.8	64	48	Night	Light generators, power tools, workers talking	50	Y	Construction noise dominant. Small amounts of noise from Maitland road and Beaumont street traffic.

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