

Noise Monitoring Results - Clyde Junction Project															LAINI O'Rourke
Noise Catchment Area	Monitoring Location	Date	Time (24hr) & Duration (mins)	Construction Activities	Standard or Out of Hours Works (Day/Evening/Night)	Weather Conditions	In Response to Complaint?	RBL (dBA) - from EIS	Noise Goal <sup>1</sup> (RBL+5dBA)	Recorded Noise Level LAeq (15 min) (dBA)	Recorded Noise Level LA1 (dBA)	Recorded Noise Level LA10 (dBA)	Recorded Noise Level L90 (dBA)	Person Carrying Out the Noise Monitoring	Comments
NCA8	Enid Ave	24/05/2014	09:15 15 mins	Potholing, geotechnical investigations	Standard work hours	Fine <10km/hr wind speeds	No	60	<65	61.2	70.6	64.2	52.8	Jason Ambler	Heavy local traffic. Freight train on route through work area. Aircraft diving works/monitoring.
NCA7	Granville Hotel	24/05/2014	12:50 15 mins	Potholing, geotechnical investigations	Standard work hours / OOHW	Fine <10km/hr wind speeds	No	56	<61	62.2	71.4	66.4	53.3	Jason Ambler	Constant traffic. Sydney Trains construction activities occurring within monitoring area (i.e. grinding, moving equipment and station maintenance).
NCA8	Enid Ave	24/05/2014	13:40 15 mins	Potholing, geotechnical investigations	OOHW	Fine <10km/hr wind speeds	No	55	<60	66.7	71.8	68.3	64.5	Jason Ambler	Heavy local traffic. Freight train on route through work area. Aircraft diving works/monitoring.
NCA9	Railway Pde	24/05/2014	14:20 15 mins	Potholing, geotechnical investigations	OOHW	Fine <10km/hr wind speeds	No	56	<61	64.5	79	67.8	49.3	Jason Ambler	Constant traffic. Sydney Trains construction activities occurring within monitoring area.
NCA7	Granville Hotel	9/08/2014	13:15 15 mins	Potholing, excavation and track investigation	OOHW	Fine <5km/hr wind speeds	No	56	<61	62	75	64	50	Jason Ambler	CJP works inaudible. Constant traffic on Railway Pde / Bridge St.
NCA6	William Street	9/08/2014	13:50 15 mins	Potholing, excavation and track investigation	OOHW	Fine <5km/hr wind speeds	No	60	<65	56.1	56.9	56.5	52.8	Jason Ambler	
NCA2	Manchester Road	9/08/2014	14:30 15 mins	Potholing, excavation and track investigation	OOHW	Fine <5km/hr wind speeds	No	46	<51	N/A - inaudibility checklist completed			Jason Ambler	CJP works inaudible at receiver location.	
NCA5	Rawson Street	9/08/2014	14:50 15 mins	Potholing, excavation and track investigation	OOHW	Fine <5km/hr wind speeds	No	58	<63	N/A - inaudibility checklist completed			Jason Ambler	CJP works inaudible at receiver location.	
NCA9	Railway Pde	9/08/2014	15:40 15 mins	Potholing, excavation and track investigation	OOHW	Fine <5km/hr wind speeds	No	56	<61	58	62	60.6	52	Jason Ambler	Constant traffic.
NCA8	Granville Car Park Cnr	15/11/2014	11:15 15 mins	Excavator at city end Granville Stn. Survey Work	Standard work hours	Fine <10km/hr wind speeds	No	60	<65	54	Not Recorded	55	53	Jason Ambler	Local traffic noise. Public at Swimming Centre.
NCA7	Granville Hotel	15/11/2014	11:40 15 mins	Vac Truck, Hiab, Country End Granville Stn. Excavator	Standard work hours / OOHW	Fine <10km/hr wind speeds	No	56	<61	63	Not Recorded	71	51	Jason Ambler	Some local traffic - buses etc and some pedestrians
NCA 6	Cnr William St	15/11/2014	14:35 15 mins	Vac Truck, Hiab, Country End Granville Stn. Excavator	Standard work hours / OOHW	Fine <10km/hr wind speeds	No	60	<65	40	Not Recorded	42	39	Jason Ambler	CJP Works inaudible at monitoring location
NCA 8	Granville Car Park Cnr	15/11/2014	14:55 15 mins	Excavators for ULX City End Granville Stn, Granville Stn 200m Civ side of other excavator	Standard work hours / OOHW	Fine <10km/hr wind speeds	No	50	<55	51	Not Recorded	52	49	Jason Ambler	Local traffic is dominant noise source
NCA 9	Railway Pde, Opposite Per Way	15/11/2014	15:30 15 mins	Plant Coordinator, Crib Hut	Standard work hours / OOHW	Fine <10km/hr wind speeds	No	56	<61	48	Not Recorded	49	47	Jason Ambler	Local traffic is dominant noise source. CJP activities inaudible
NCA8	Enid Ave	27/12/2014	02:45 - 03:00	Excavations; Exvator, Dump truck, Rail Loader, lighting towers	OOHW	Fine <10km/hr wind speeds	No	46	51	58	61	60	55	Jason Ambler	Work activity dominant noise. Drott tracks squealing loudest construction noise - chance to improve with maintenance. Some local traffic.
NCA6	Cnr William St and Factory St	27/12/2014	03:20 - 03:35	Loading Drott onto truck at rail entry	OOHW	Fine <10km/hr wind speeds	No	48	53	62	68	66	45	Jason Ambler	Loading activity dominant noise source. Adjacent works include hi-rail equipment.
NCA7	Granville Hotel	27/12/2014	03:50 - 04:05	Hi Rail Dump truck and flat bed carting and loading material	OOHW	Fine <10km/hr wind speeds	No	48	53	60	63	60	44	Jason Ambler	Some local traffic including adjacent buses. Garbage collection truck on Railway Pde loudest noise event.
NCA7	Railway Pade	27/12/2014	04:30 - 04:45	Loading/unloading hi-rail gear and materials adjacent Perway Siding	OOHW	Fine <10km/hr wind speeds	No	48	53	63	69	66	51	Jason Ambler	Local traffic including adjacent buses loudest event. Movement alarms /quackers constant through monitoring event. Radios and workers audible at adjacent residential receivers.
NCA8	Enid Ave	27/12/2014	04:55 - 0510	Grinding (intermittent), loading/unloading gear, excavator with grab attachment	OOHW	Fine <10km/hr wind speeds	No	46	51	56	60	58	50	Jason Ambler	Local traffic, council street sweeper passed monitoring location, station announcements audible
NCA6	Cnr William St and Factory St	17/01/2015	21:15 - 21:30	Drainage works at Granville Station and South of Station	OOHW	Fine <10km/hr wind speeds	No	55	60	57	62	60	47	Jason Ambler	CJP Construction Activity inaudible at receiver location
NCA7	Granville Hotel	17/01/2015	21:40 - 21:55	Excavator and hi rail dump truck adjacent Granville hotel. Speno high rail maintenance vehicle movements	OOHW	Fine <10km/hr wind speeds	No	48	53	69	73	72	60	Jason Ambler	Constant local traffic. Ballast being dug and loaded.
NCA9	Railway Pade	17/01/2015	22:05 - 22:20	Drainage works at Granville Station	OOHW	Fine <10km/hr wind speeds	No	46	51	63	67	66	54	Jason Ambler	Local traffic including adjacent buses dominant noise source. Movement alarms /quackers audible during monitoring event.
NCA8	Enid Ave	17/01/2015	22:35 - 22:50	Drainage works at Granville Station. Hi-rail equipment, excavators and loaders, vac truck.	OOHW	Fine <10km/hr wind speeds	No	46	51	63	68	64	56	Jason Ambler	Local traffic constant throughout and dominant noise source at receiver. Speno (tamper) and movement alarms loudest construction activity.
NCA6	Cnr of William St and Factory St	23/03/2015	01:35 - 01:50	Adjustment track welding works on down sub line near Granville Station Platform	OOHW	Clear <10 km/hr wind speed	No	55	60	62	64	60	49	Maulik Bapodara	Trains and cars passing by. Noise from hammers dominant and of very short duration.
NCA7	Granville Hotel	23/03/2015	01:58 - 02:13	Adjustment track welding works on down sub line near Granville Station Platform	OOHW	Clear <10 km/hr wind speed	No	48	53	57	59	54	46	Maulik Bapodara	Noise from pedestrians and traffic dominant. Works inaudible at this location.
NCA9	Railway Parade	23/03/2015	02:17 - 02:32	Adjustment track welding works on down sub line near Granville Station Platform	OOHW	Clear <10 km/hr wind speed	No	46	51	49	50	50	48	Maulik Bapodara	Noise from pedestrians and traffic dominant. Works inaudible at this location.
NCA8	Enid Avenue	23/03/2015	02:34 -	Adjustment track welding works	OOHW	Clear <10	No	46	51	52	56	56	46	Maulik	Noise from traffic dominant.

Note 1: Noise goals are applicable to the noise contribution from Clyde Junction related construction activities only