Month and Year	October 2024		•	•					TOUR TOUR
roject	Sydenham Metro upgrade								LAING O'ROURKE
PL License No.	21147								HOLLAND
PL Weblink	https://apps.epa.nsw.gov.au/prpod	eoapp/Detail.aspx?inst	id=21147&id=21147	&option=licence&s	earchrange=licence&	range=POEO%20licence&p	rp=no&status=Issued	_	
	M2 - Requirement to monitor con	centration of pollutan	ts discharged						
Specific EPL monitoring conditions									
Monitoring Location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter eg. TSS, pH	Unit eg mg/L	Minimum value for month	Maximum value for month	Allowable Maximum limit	Allowable Minimum limit	Comment

Noise Monitorin	ng Data - Monthly Summary	1	
Month and Year	October 2024		
Project	Sydenham Metro upgrade		LANG OROURKE HOLLAND
EPL license No.	21147		HOLLAND
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.a	spx?instid=21147&id=21147&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued_	
Specific EPL monitoring	M7.1 - Noise monitoring		
conditions			

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments			
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61	67	YES	RBL: 35 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 61 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (61 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			62	67	YES	RBL: 35 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 62 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (62 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	67	YES	RBL: 35 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 56 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (56 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	 Highest ambient LAeq in period at Monitoring Location is 70 Due to the monitoring location being 1m from the source of the noise and sensitive receiver being 5m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 56 forther attenuation from noise mate). 	67	YES	RBL: 35 dBA The calculated construction related highest Laeq in work period (56 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (night shift works) in this area triggered offers for Respite. Actual noise levels (Night shift works) in this area triggered offers for Respite. No additional mitigation measures required.			
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	n General track related construction activities	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	59	67	YES	RBL: 35 dBA Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 59 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (59 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)		:00 activities om	to 08:00 activities	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	62	67	YES	RBL: 35 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 62 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (62 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.	
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Bogle Water pumps 4T Dumpy Site lights Mobile Crane	67	73	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 67 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq in work period (67 dBA) is lower than the predicted level (73 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.			
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)							55	67	YES
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			68	73	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 68 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq in work period (68 dBA) is lower than the predicted level (73 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.			
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	67	YES	RBL: 35 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (58 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments				
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 51 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (51 dBA) is lower than the predicted level (55 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	65	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (58 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 53 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (53 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	55	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 55 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (55 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	58	65	YES	RBL: 41 dBA LAcq15m1 elow predictions. Noise monitor detect highest LAcq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (58 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)	construction activities	construction	construction	construction	construction	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	56	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 56 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (56 dBA) is lower than the predicted level (55 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00									Bogle Water pumps 4T Dumpy Site lights Mobile Crane	Water pumps 4T Dumpy Site lights
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)			54	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 54 dBA due to general construction noise between the hours 2:00 to 07:00. The Highest LAcq in work period (54 dBA) is lower than the predicted level (55 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			61	64	YES	RBL: 47 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 61 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (61 dBA) is lower than the predicted level (64 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.				
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 56 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1m work period (56 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments								
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			59	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 59 dBA due to general construction noise between the hours 2:200 to 07:00. The Highest LAcq in work period (59 dBA) is lower than the predicted level (55 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.								
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (58 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.								
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (57 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.								
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments)	63	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (63 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.								
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	related construction	General track related construction activities	related construction	related construction			(Hydrema) Light vehicles Trucks Payloader Handheld powered and	Light vehicles Trucks Payloader Handheld powered and	(Hydrema) Light vehicles Trucks Payloader Handheld powered and	62	65	YES	RBL: 41 dBA Leq15min below predictions. Noise monitor detect highest LAeq15min value of 62 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (62 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)						non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators	56	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 56 dBA due to general construction noise between the hours 2:200 to 07:00. The Highest LAeq in work period (56 dBA) is lower than the predicted level (55 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Compressors Compactor Bogle Water pumps 4T Dumpy Site lights Mobile Crane	- Highest ambient LAeq in period at Monitoring Location is 62 - Excluding the following non-construction related event being identified: 6/10/2024 7:30 Urban Traffic 59 - 6/10/2024 7:30 Urban Traffic 60 - 6/10/2024 16:30 Urban Traffic 60 - 6/10/2024 16:45 Urban Traffic 62 - 6/10/2024 20:00 Urban Traffic 62 - Construction related LAeq in period at Monitoring Location is 57	57	YES	RBL: 47 dBA LAeq15min matched predictions. Noise monitor detect highest LAeq15min value of 57 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (57 dBA) is equal to the predicted level (57 dBA) Predicted noise levels (Day & Evening shirt works) in this area triggered offers for Respite.								
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)			56	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 54 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (54 dBA) is lower than the predicted level (55 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.								
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			- Highest ambient LAeq in period at Monitoring Location is 60 - Excluding the following non-construction related event being identified: 7/10/2024 9:00	57	YES	RBL: 47 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 56 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (56 dBA) is lower than the predicted level (57 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.								
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	65	YES	RBL: 41 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (57 dBA) is lower than the predicted level (55 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.								

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments				
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			65	68	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					68	68	YES	RBL: 42 dBA Lacq15min equal to predictions. Noise monitor detect highest LAcq15min value of 68 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (68 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.		
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			64	68	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 64 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (64 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	65	68	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	64	68	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 64 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Lacq in work period (64 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)	construction activities	construction	construction	construction	construction	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	65	68	YES	RBL: 42 dBA Laeq15min below predictions. Noise monitor detect highest Laeq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Laeq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00					Bogle Water pumps T Dumpy Site lights Mobile Crane	Bogle Water pumps 4T Dumpy Site lights	Water pumps 4T Dumpy Site lights	Bogle	YES	RBL: 54 dBA Laeq15min below predictions. Noise monitor detect highest Laeq15min value of 65 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Laeq in work period (65 dBA) is lower than the predicted level (69 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)							Highest ambient LAeq in period at Monitoring Location is 71 Excluding the following non-construction related event being identified: 7/10/2024 03:45	68	YES	RBL: 42 dBA Laeq15min below predictions. Noise monitor detect highest Laeq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest Laeq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			68	69	YES	RBL: \$4 dBA Laeq15min below predictions. Noise monitor detect highest Laeq15min value of 68 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Laeq in work period (68 dBA) is lower than the predicted level (69 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.				
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			63	68	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 63 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (63 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.				

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments			
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			62	72	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 65 dBA due to general construction noise between the hours 2:00 to 07:00. The Highest LAcq in work period (65 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	72	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 68 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (68 dBA) is lower than the predicted level (72 dBA). Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	72	YES	RBL: 42 dBA LAcq15m1 below predictions. Noise monitor detect highest LAcq15min value of 60 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1n work period (60 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	60	72	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 60 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (60 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	7.700 d from 7:90) General track related construction activities d from 8:00) 7 18:00 ling	General track related construction activities	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	61	72	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 61 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (61 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.	
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)				activities		EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compactor Compactor	59	72	YES
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			Bogle Water pumps 4T Dumpy Site lights Mobile Crane	61	74	YES	RBL: 54 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 61 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (61 dBA) is lower than the predicted level (74 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.		
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)			54	72	YES	RBL: 42 dBA LAcq1Smin below predictions. Noise monitor defect highest LAcq1Smin value of 54 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (54 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			58	74	YES	RBL: 54 dBA LAcq15min below predictions. Noise monitor defect highest LAcq15min value of 58 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (58 dBA) is lower than the predicted level (74 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for Respite.			
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	72	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (58 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.			

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments					
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			59	65	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 59 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (59 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered					
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	65	YES	RBL: 41 dBA Lacql Smin below predictions. Noise monitor detect highest Lacq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (58 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriates additional mitigation measures being offered.					
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	65	YES	RBL: 41 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The highest LAeq1 mork period (57 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriates additional mitigation measures being offered					
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack harmer attachments)	63	65	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 63 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (63 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriates additional mitigation measures being offeres.					
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	General track related construction activities	Balloon hyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools	62	65	YES	RBL: 41 dBA Laeq15min below predictions. Noise monitor detect highest Laeq15min value of 62 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Laeq in work period (62 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriates additional mitigation measures being offeres.				
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)			related construction activities	Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compressors	56	65	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor defect highest Lacq15min value of 56 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq1 mork period (56 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriates additional mitigation measures being offeres.			
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00										Compactor Bogle Water pumps AT Dumpy Site lights Mobile Crane	- Highest ambient LAeq in period at Monitoring Location is 52 - Excluding the following non-construction related event being identified: 610/2024 7:30 Urban Traffic 610/2024 12:15 Urban Siren 610/2024 13:00 Urban Traffic 60 610/2024 16:45 Urban Traffic 62 610/2024 16:45 Urban Traffic 63 610/2024 16:45 Urban Traffic 64 Construction related LAeq in period at Monitoring Location is 57
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)						56	65	YES	RBIL: 41 dBA Lacqt Smill below predictions. Noise monitor detect highest LAcq15min value of 54 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (54 dBA) is lower than the predicted level (65 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered		
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			- Highest ambient LAeq in period at Monitoring Location is 50 - Excluding the following non-construction related event being identified: 7/10/2024 9:00 Urban Traffic 58 7/10/2024 10:30 Animal Activity 57 7/10/2024 10:45 Animal Activity 59 7/10/2024 16:45 Urban Traffic 56 7/10/2024 20:00 Urban Traffic 60 7/10/2024 20:00 Urban Traffic 57 Construction related LAeq in period at Monitoring Location is 56	57	YES	RBL: 47 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 56 dBA due to general construction noise between the hours 07:00 to 22:00. The highest Lacq in work period (56 dBA) is lower than the predicted level (57 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered					
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	65	YES	RBL: 41 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (57 dBA) is lower than the predicted level (65 dBA) Practiced noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered					

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments			
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			65	68	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.			
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	68	YES	RBL: 42 dBA Lacq15min equal to predictions. Noise monitor detect highest LAcq15min value of 68 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (68 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.			
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			64	68	YES	RBL: 42 dBA LAeq(5min below predictions. Noise monitor detect highest LAeq(5min value of 64 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (64 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.			
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc) lack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools rai track.	65	68	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.			
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track		(Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	64	68	YES	RBL: 42 dBA LAeq15rini below predictions. Noise monitor detect highest LAeq15rini value of 64 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq1 in work period (64 dBA) is lower than the predicted level (67 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.		
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)	_	construction o activities	construction	related construction	Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	65	68	YES	RBL: 42 dBA LAcq15rini below predictions. Noise monitor detect highest LAcq15rini value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			Borge Water pumps 4 T Dumpy Site lights Mobile Crane	Boglé Water pumps 4T Dumpy Site lights	65	69	YES	RBL: \$4 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 65 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (65 dBA) is lower than the predicted level (69 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.	
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)					Highest ambient LAeq in period at Monitoring Location is 71 Excluding the following non-construction related event being identified: 7/10/2024 03:45 Urban Siren 71 Construction related LAeq in period at Monitoring Location is 65	68	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (65 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.	
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			68	69	YES	RBL: 54 dBA Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 68 dBA due to general construction noise between the hours 07:00 to 22:00. The highest LAcq in work period (68 dBA) is lower than the predicted level (69 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered			
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			63	68	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 63 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (63 dBA) is lower than the predicted level (68 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered			

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments							
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			62	72	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 65 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq1 in work period (65 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night enlitt works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	72	YES	RBIL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 68 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq1 in work period (68 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	72	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 60 dBA due to general construction noise between the hours 22:00 to 07:00. The highest LAeq1 in work period (60 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments) Entire has furner trucker.	60	72	YES	RBI: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 60 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (60 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	Balloon tyre dump trucks (Hydrema) Ught vehicles Trucks Payloader Handheld powered and non-powered tools	61	72	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 61 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq1 monk period (51 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)		Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	59	72	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 59 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq1 monk period (59 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night ehift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00										Bogle Water pumps 4T Dumpy Site lights Mobile Crane	61	74	YES
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)				54	72	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor delect highest LAeq15min value of \$4 dBA due to general construction noise between the hours 22:00 to 07:00. The highest LAeq1n work period (\$4 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures beling offered.						
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			58	74	YES	RBI: 54 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 58 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq in work period (58 dBA) is lower than the predicted level (74 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered							
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	72	YES	RBL: 42 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The highest Lacq in work period (58 dBA) is lower than the predicted level (72 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered							

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	30/09/2024 To 01/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	66	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 60 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 in work period (60 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures being offered.
2	01/10/2024 To 02/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	66	YES	RBL: 42 dBA LAeg15min below predictions. Noise monitor detect highest LAeq15min value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (58 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered.
3	02/10/2024 To 03/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	66	YES	RBL: 42 dBA LAeq1Smin below predictions. Noise monitor detect highest LAeq1Smin value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq1 in work period (57 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures beling offered.
4	03/10/2024 To 04/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (Inc Jack hammer attachments) Balloon tyre dump trucks	63	66	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dBA due to general construction noise between the hours 2:00 to 07:00. The Highest LAeq in work period (63 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures beling offered.
5	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track	(Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools	60	66	YES	RBL: 42 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 60 dBA due to general construction noise between the hours 2:00 to 07:00. The Highest LAcq in work period (60 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for Respite.
6	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)	related construction activities	Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compressors	Highest ambient LAeq in period at Monitoring Location is 65 Excluding the following non-construction related event being identified: 6/10/2024 04:15	66	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 53 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq1 in work period (53 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures beling offered.
7	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Compactor Bogle Water pumps 4 T Dumpy Site lights Mobile Crane	57	64	YES	RBL: 54 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 57 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq in work period (57 dBA) is lower than the predicted level (64 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.
8	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)			63	66	YES	RBL: 42 dBA LAcq15rin below predictions. Noise monitor detect highest LAcq15rin value of 63 dBA due to general construction noise between the hours 2:00 to 07:00. The Highest LAcq1 in work period (63 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures beling offered.
9	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			57	64	YES	RBL: 54 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 57 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (57 dBA) is lower than the predicted level (64 dBA) Predicted noise levels (Day & Evening shirt works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
10	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61	66	YES	RBI: 42 dBA LAcqlSmin below predictions. Noise monitor detect highest LAcq15min value of 61 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (61 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments					
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			70	74	YES	RBL: 42 dBA LAeq(15ml) below predictions. Noise monitor detect highest LAeq(15ml) value of 70 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (70 dBA) is lower than the predicted level (74 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures being offered.					
2	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)	General track					Excavators 3T, 6 and 13T	Excavators 3T, 6 and 13T (inc lack hammer)	74	74	YES	RBL: 42 dBA LAcq15min equals to predictions. Noise monitor detect highest LAcq15min value of 74 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (74 dBA) is equal to the predicted level (74 dBA). Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered.
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		attachments) Balloon lyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	78	74	YES	RBL: 51 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 78 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (78 dBA) is higher than the predicted level (74 dBA) Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Day shift works) in this area triggered dame offers for additional mitigation measures as predicted. Additional mitigation measures being offered dis valid and appropriate. No further additional mitigation measures required.					
4	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bodie	Highest ambient LAeq in period at Monitoring Location is 75 Excluding the following non-construction related event being identified: 6/10/2024 23:45 T4 Train 75 Construction related LAeq in period at Monitoring Location is 72	74	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 72 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq1 in work period (72 dBA) is lower than the predicted level (74 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures being offered.					
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Bogle Water pumps 4 T Dumpy Site lights Mobile Crane	78	74	YES	RBL: 51 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 78 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq in work period (78 dBA) is higher than the predicted level (74 dBA) Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Day shift works) in this area triggered same offers for additional mitigation measures as predicted. Additional mitigation measures being offered is valid and appropriate. No further additional mitigation measures required.					
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71	74	YES	RBL: 42 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 71 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq1 in work period (71 dBA) is lower than the predicted level (74 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures being offered.					

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments		
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67	70	YES	RBL: 40 dBA LAeqt Srin below predictions. Noise monitor detect highest LAeq1Smin value of 67 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (67 dBA) is lower than the predicted level (70 dBA) Predicted noise levels (Night shirt works) in this area triggered offers for additional mitigation measures being offered.		
2	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)			Excavators 3T, 6 and 13T (Inc.)ack hammer attachments) Balloon hire dump trucks	66	70	YES	RBL: 40 dBA LAeqtSmin below predictions. Noise monitor detect highest LAeq1Smin value of 66 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (66 dBA) is lower than the predicted level (70 dBA) Predicted noise levels (Night ehitt works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.	
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	(Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	 Highest ambient LAeq in period at Monitoring Location is 72 Due to the monitoring location being 24 m from the source of the noise and sensitive receiver being 41 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 67. 	70	YES	RBL: 41 dBA The calculated construction related highest LAeq in work period (67 dBA) is lower than the predicted level (70 dBA) Predicted noise levels (night shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Night shift works) in this area triggered same offers for additional mitigation measures as prediction. Appropriate additional mitigation measures being offered. No further additional mitigation measures required.		
4	05/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities		EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor	67	70	YES	RBL: 40 dBA LAeqtSmin below predictions. Noise monitor detect highest LAeq1Smin value of 67 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAeq in work period (67 dBA) is lower than the predicted level (70 dBA) Predicted noise levels (Night shirt works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.	
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Bogle Water pumps 4T Dumpy Site lights Mobile Crane	Water pumps 4T Dumpy Site lights	Water pumps 4T Dumpy Site lights	70	70	YES	RBL: 41 dBA LAcq15min equal to the predictions. Noise monitor defect highest LAcq15min value of 70 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq1 in work period (70 dBA) is lower than the predicted level (64 dBA). Predicted noise levels (Day & Evening shift works) in this area didn't trigger offers for additional mitigation measures. Appropriate additional mitigation measures being offered.
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67	70	YES	RBL: 40 dBA Leq1Smin below predictions. Noise monitor defect highest LAeq1Smin value of 67 dBA due to general construction noise between the hours 2:200 to 07:00. The Highest LAeq in work period (67 dBA) is lower than the predicted level (70 dBA) Predicted noise levels (Night shirt works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.		

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments							
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			- Highest ambient LAeq in period at Monitoring Location is 67 - Excluding the following non-construction related event being identified: 4/10/2024 22:15 ARTC Train 67 4/10/2024 23:30 ARTC Train 65 4/10/2024 23:15 ARTC Train 67 4/10/2024 23:45 ARTC Train 66 - Construction related LAeq in period at Monitoring Location is 62	66	YES	RBL: 40 dBA LAeq1Smin below predictions. Noise monitor detect highest LAeq1Smin value of 62 dBA due to general construction noise between the hours 2:200 to 07:00. The Highest LAeq in work period (62 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
2	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)						Excavators 3T, 6 and 13T (Inc Jack hammer attachments)	Highest ambient LAeq in period at Monitoring Location is 68 Excluding the following non-construction related event being identified: \$110/2024 23:00 ARTC Train Construction related LAeq in period at Monitoring Location is 57	66	YES	RBL: 40 dBA LAcq15min below predictions. Noise monitor detect highest LAcq15min value of 57 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq1 munk period (57 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Night shirt works) in this area triggered offers for additional mitigation measures being offered. Appropriate additional mitigation measures being offered.			
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	Highest ambient LAeq in period at Monitoring Location is 70 Excluding the following non-construction related event being identified: 6/10/2024 10:15 ARTC Train 68 6/10/2024 10:30 ARTC Train 65 6/10/2024 10:45 Altoraft 67 6/10/2024 10:30 ARTC Train 70 Construction related LAeq in period at Monitoring Location is 63	66	YES	RBL: 47 dBA Leq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (63 dBA) is lower than the predicted level (66 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.							
4	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities	Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bogle Water pumps	Highest ambient LAeq in period at Monitoring Location is 66 Excluding the following non-construction related event being identified: 6/10/2024 23:00 ARTC Train 66 7/10/2024 5:45 Alforaft Construction related LAeq in period at Monitoring Location is 58	66	YES	RBL: 40 dBA LAcqlSmin blow predictions. Noise monitor detect highest LAcq1Smin value of 58 dBA due to general construction noise between the hours 22:00 to 07:00. The Highest LAcq in work period (58 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Niight shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered							
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00								Water pumps 4T Dumpy Site lights Mobile Crane	4T Dumpy Site lights	4 TOurney Site lights	66	YES	RBIL: 47 dBA LAeq15min below predictions. Noise monitor defect highest LAeq15min value of 65 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq1 in work period (65 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (Day & Evening shift works) in this area did not trigger offers for additional mitigation measures. Appropriate additional mitigation measures being offered
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)				- Highest ambient LAeq in period at Monitoring Location is 72 - Excluding the following non-construction related event being identified: 7/10/2024 23:00 ARTC Train Hom - Construction related LAeq in period at Monitoring Location is 69 - Due to the monitoring location being 25 m from the source of the noise and sensitive receiver being 50 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 63.	66	YES	RBL: 40 dBA The calculated construction related highest LAeq in work period (63 dBA) is lower than the predicted level (66 dBA) Predicted noise levels (night shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Night shift works) in this area triggered same offers for additional mitigation measures as prediction. Appropriate additional mitigation measures being offered. No further additional mitigation measures required.						

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					No	Construction Activity
2	05/10/2024 To 06/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments)			No	Construction Activity
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	- Highest ambient LAeq in period at Monitoring Location is 76 - Excluding the following non-construction related event being identified: 6/10/2024 21:45 ARTC Train Passing 76 - Construction related LAeq in period at Monitoring Location is 70	73	YES	RBL: 38 dBA Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 70 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq1 muck period (70 dBA) is lower than the predicted level (73 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.
4	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities	Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor			No	Construction Activity
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Boyle Water pumps Tumpy Site lights Mobile Crane	68	73	YES	RBL: 36 dBA Lacq15min below predictions. Noise monitor detect highest Lacq15min value of 68 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest Lacq1 in work period (68 dBA) is lower than the predicted level (73 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					No	Construction Activity

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments				
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)				•	No Construction Activity					
2	05/10/2024 To 05/10/2024			Excavators 3T, 6 and 13T (Inc Jack hammer attachments)			No	Construction Activity				
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	62	75	YES	RBL: 38 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 62 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq in work period (62 dBA) is lower than the predicted level (75 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered				
4	06/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities	Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor			No	Construction Activity				
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Bogle Water pumps 4T Dumpy Site lights Mobile Crane	63	75	YES	RBL: 38 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 63 dBA due to general construction noise between the hours 07:00 to 22:00. The highest LAeq in work period (63 dBA) is lower than the predicted level (75 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered				
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					No	Construction Activity				

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments	
1	04/10/2024 To 05/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					No	Construction Activity	
2	05/10/2024 To 05/10/2024	Night 22:00 to 08:00 (Modeled from 18:00 to 8:00)		Excavators 3T, 6 and 13T (Inc Jack hammer attachments) Balloon tyre dump trucks			No	Construction Activity	
3	06/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	(Hydremá) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	Highest ambient LAeq in period at Monitoring Location is 81 Excluding the following non-construction related event being identified: 6/10/2024 12:45 Aircraft and ARTC Train 81 Construction related LAeq in period at Monitoring Location is 72	73	YES	RBL: 36 dBA LAeq15min below predictions. Noise monitor detect highest LAeq15min value of 72 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAeq1 in work period (72 dBA) is lower than the predicted level (73 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.	
4	05/10/2024 To 07/10/2024	Night 22:00 to 8:00 (Modeled from 18:00 to 8:00)	construction activities	enstruction • EWP/telehandler			No	Construction Activity	
5	07/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Bogle Water pumps T Dumpy Site lights Mobile Crane	Bogle Water pumps 4T Dumpy Site lights	- Highest ambient LAeq in period at Monitoring Location is 75 - Excluding the following non-construction related event being identified: 6/10/2024 13:45 ARTC Train Passing 75 - Construction related LAeq in period at Monitoring Location is 71	g the following non-construction related event being identified: 73 13:45 ARTC Train Passing 75	YES	RBL: 38 dBA Lacq1Smin below predictions. Noise monitor detect highest Lacq1Smin value of 71 dBA due to general construction noise between the hours 07:00 to 22:00. The highest Lacq1 is work period (71 dBA) is lower than the predicted level (73 dBA). Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered.
6	07/10/2024 To 08/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					No	Construction Activity	

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant		Comments
4	08/10/2024 To 09/10/2024				58				
2	09/10/2024 To 10/10/2024	Night			66				
3	10/10/2024 To 11/10/2024	22:00 to 7:00 (Modeled from			61			• No	BL: 35 dBA oise monitor detect highest LAeq15min value below predictions. redicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. opropriate additional mitigation measures being offered
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer attachments)	59				ppropriate additional integration measures being oriened
5	12/10/2024 To 13/10/2024			Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	57				
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related construction	Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler Front-end loader	63	72	YES	• No	BL: 41 dBA oise monitor detect highest LAeq15min value below predictions. redicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. ppropriate additional mitigation measures being offered
7	13/10/2024 To 14/10/2024		activities	Concrete truck and line pump Portable Generators Compressors	63				
8	14/10/2024 To 15/10/2024			Compactor Bogie Water pumps	53				
9	15/10/2024 To 16/10/2024	Night 22:00 to 7:00		4T Dumpy Site lights Mobile Crane	53			• No	BL: 35 dBA oise monitor detect highest LAeq15min value below predictions.
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 7:00)			58			• Pr	redicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. ppropriate additional mitigation measures being offered
11	17/10/2024 To 18/10/2024				49				
12	18/10/2024 To 19/10/2024				65				

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024				 Highest ambient LAeq in period at Monitoring Location is 59 Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 54. 			
2	09/10/2024 To 10/10/2024				Highest ambient LAeq in period at Monitoring Location is 60 Excluding the following non-construction related event being identified: 10/10/2024 06:30 Animal Activity 60 Construction related LAeq in period at Monitoring Location is 52			RBL: 41 dBA
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			 Highest ambient LAeq in period at Monitoring Location is 59 Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 54. 			RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
4	11/10/2024 To 12/10/2024			Excavators 3T, 6 and 13T (inc jack hammer	 Highest ambient LAeq in period at Monitoring Location is 59 Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construion related highest LAeq at the sensitive receiver (Actual Noise level) is 54. 	54		
5	12/10/2024 To 13/10/2024			attachments) Balloon tyre dump trucks (Hydrema)	52			
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	Highest ambient LAeq in period at Monitoring Location is 58 Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 53.			RBL: 47 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
7	13/10/2024 To 14/10/2024		related construction activities	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bogie	Highest ambient LAeq in period at Monitoring Location is 55 Due to the monitoring location being 30 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 50.		YES	RBL: 47 dBA Lacq15min below predictions. Noise monitor detect highest LAcq15min value of 59 dBA due to general construction noise between the hours 07:00 to 22:00. The Highest LAcq in work period (59 dBA) is lower than the predicted level (64 dBA) Predicted noise levels (Day & Evening shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
8	14/10/2024 To 15/10/2024	Night		Water pumps 4T Dumpy Site lights Mobile Crane	54			RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
9	15/10/2024 To 16/10/2024	22:00 to 8:00 (Modeled from 18:00 to 8:00)			62	69		
10	16/10/2024 To 17/10/2024	.0.00 (0 0.00)			61			RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
11	17/10/2024 To 18/10/2024				56			- App op the administration includes Solity Office
12	18/10/2024 To 19/10/2024				54	54		RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise matching predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments		
1	08/10/2024 To 09/10/2024				55					
2	09/10/2024 To 10/10/2024	NE-LA			60					
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from			62	64		RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.		
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T	62			Appropriate additional mitigation measures being offered		
5	12/10/2024 To 13/10/2024			(inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	60					
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	Highest ambient LAeq in period at Monitoring Location is 63 Due to the monitoring location being 12 m from the source of the noise and sensitive receiver being 55 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 50.	52		RBL: 47 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
7	13/10/2024 To 14/10/2024		construction activities	EWP/telehandler Front-end loader Concrete truck and line pump	57		YES			
8	14/10/2024 To 15/10/2024		n		Portable Generators Compressors Compactor Bogie	Portable Generators Compressors Compactor	Compressors Compactor Bogie Water pumps 4T Dumpy Site lights	Compressors Compactor Bogle Water pumps 4T Dumpy Site lights Mobile Crane 64 64 65 66 60 60 60 60 60 60 60 60		
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00			4T Dumpy Site lights				4T Dumpy Site lights	RBL: 41 dBA Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions.
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)			58	64		Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered		
11	17/10/2024 To 18/10/2024				58					
12	18/10/2024 To 19/10/2024				64					

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024				65			
2	09/10/2024 To 10/10/2024				64			
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00			 Highest ambient LAeq in period at Monitoring Location is 66 Due to the monitoring location being 12 m from the source of the noise and sensitive receiver being 124 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 46. 	65		RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation
4	11/10/2024 To 12/10/2024	(Modeled from 18:00 to 7:00)			- Highest ambient LAeq in period at Monitoring Location is 69 - Excluding the following non-construction related event being identified: 11/10/2024 22:45 Urban Traffic 66 11/10/2024 23:15 Urban Traffic 66 12/10/2024 00:45 Urban Traffic 69 - Construction related LAeq in period at Monitoring Location is 65			measures. • Appropriate mitigation measures being offered
5	12/10/2024 To 13/10/2024			Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks	- Highest ambient LAeq in period at Monitoring Location is 69 - Excluding the following non-construction related event being identified: 12/10/2024 22:15 Urban Traffic 68 12/10/2024 23:45 Urban Traffic 67 - Construction related LAeq in period at Monitoring Location is 65			
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	(Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	- Highest ambient LAeq in period at Monitoring Location is 68 - Excluding the following non-construction related event being identified: 13/10/2024 22:15 Urban Traffic 67 13/10/2024 23:45 Urban Traffic 66 13/10/2024 23:45 Urban Traffic 66 13/10/2024 23:45 Urban Traffic 68 13/10/2024 23:45 Urban Traffic 68 13/10/2024 23:45 Urban Traffic 65 - Construction related LAeq in period at Monitoring Location is 64	65		RBL: 54 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
7	13/10/2024 To 14/10/2024		construction activities	EWP/telehandler Front-end loader Concrete truck and line pump	63		YES	
8	14/10/2024 To 15/10/2024			Portable Generators Compressors Compactor Bogle Water pumps 4 T Dumpy Site lights Mobile Crane	- Highest ambient LAeq in period at Monitoring Location is 70 Excluding the following non-construction related event being identified: 14/10/2024 22:15 Urban Traffic 65 14/10/2024 22:45 Urban Traffic 70 15/10/2024 02:45 Urban Traffic 70 15/10/2024 02:45 Urban Traffic 66 15/10/2024 03:00 Urban Traffic 64 15/10/2024 06:45 Urban Traffic 64 15/10/2024 06:45 Urban Traffic 65 Construction related LAeq in period at Monitoring Location is 64			
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00 (Modeled from			Highest ambient LAeq in period at Monitoring Location is 66 Excluding the following non-construction related event being identified: 15/10/2024 23:30 Urban Traffic 66 Construction related LAeq in period at Monitoring Location is 64	65		RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.
10	16/10/2024 To 17/10/2024	18:00 to 8:00)			 Highest ambient LAeq in period at Monitoring Location is 75 Due to the monitoring location being 12 m from the source of the noise and sensitive receiver being 124 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 55. 			Appropriate mitigation measures being offered
11	17/10/2024 To 18/10/2024				 Highest ambient LAeq in period at Monitoring Location is 67 Due to the monitoring location being 12 m from the source of the noise and sensitive receiver being 124 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 47. 			
12	18/10/2024 To 19/10/2024				64			

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024				63			
2	09/10/2024 To 10/10/2024				63			
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00			65	69		RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.
4	11/10/2024 To 12/10/2024	(Modeled from 18:00 to 7:00)			65			Appropriate additional miligation measures being offered Appropriate additional miligation measures being offered
5	12/10/2024 To 13/10/2024			Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	 Highest ambient LAeq in period at Monitoring Location is 84 Due to the monitoring location being 8 m from the source of the noise and sensitive receiver being 152 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 58. 			
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track	(rydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	 Highest ambient LAeq in period at Monitoring Location is 84 Due to the monitoring location being 8 m from the source of the noise and sensitive receiver being 152 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 58. 	70		RBL: 54 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
7	13/10/2024 To 14/10/2024		related construction activities	EWP/telehandler Front-end loader Concrete truck and line pump	63		YES	
8	14/10/2024 To 15/10/2024			Portable Generators Compressors Compactor Bogie Water pumps	 Highest ambient LAeq in period at Monitoring Location is 71 Due to the monitoring location being 8 m from the source of the noise and sensitive receiver being 152 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 45. 	69		
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Water pumps 4T Dumpy Site lights Mobile Crane	 Highest ambient LAeq in period at Monitoring Location is 79 Due to the monitoring location being 8 m from the source of the noise and sensitive receiver being 152 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 53. 	70		RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions.
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)			 Highest ambient LAeq in period at Monitoring Location is 73 Due to the monitoring location being 8 m from the source of the noise and sensitive receiver being 152 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 47. 	69		 Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
11	17/10/2024 To 18/10/2024				68	70		
12	18/10/2024 To 19/10/2024				63	69		

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024				56			
2	09/10/2024 To 10/10/2024				 Highest ambient Lesq in period at Monitoring Location is 64 Due to the monitoring location being 16 m from the source of the noise and sensitive receiver being 70 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 51. 	59		RBL: 42 dBA
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			 Highest ambient LAeq in period at Monitoring Location is 71 Due to the monitoring location being 16 m from the source of the noise and sensitive receiver being 70 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 59. 			Nibi: 42 dba Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
4	11/10/2024 To 12/10/2024			Excavators 3T, 6 and 13T (inc jack hammer attachments)	Highest ambient LAeq in period at Monitoring Location is 66 Excluding the following non-construction related event being identified: 11/10/2024 23:30 Urban Siren 66 Construction related LAeq in period at Monitoring Location is 56			
5	12/10/2024 To 13/10/2024			Balloon tyre dump trucks (Hydrema) Light vehicles	58			
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related construction	Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	58		YES	RBL: 54 dBA Noise monitor detect highest LAeq15min value due to general construction noise matching predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
7	13/10/2024 To 14/10/2024		activities	Front-end loader Concrete truck and line pump Portable Generators Compressors	Highest ambient LAeq in period at Monitoring Location is 65 Excluding the following non-construction related event being identified: 13/10/2024 23:30 Urban Siren			
8	14/10/2024 To 15/10/2024			Compactor Bogie Water pumps 4T Dumpy	Highest ambient LAeq in period at Monitoring Location is 60 Excluding the following non-construction related event being identified: 14/10/2024 22:45 Urban Siren	58		
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Site lights Mobile Crane	Highest ambient LAeq in period at Monitoring Location is 59 Excluding the following non-construction related event being identified: 15/10/2024 23:45 Urban Siren 59 Construction related LAeq in period at Monitoring Location is 56			RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions.
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)			57			Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
11	17/10/2024 To 18/10/2024				- Highest ambient LAeq in period at Monitoring Location is 64 - Excluding the following non-construction related event being identified: 177/0/2024 23:45 - Urban Siren 63 - 187/0/2024 02:00 - Urban Siren 64 - Construction related LAeq in period at Monitoring Location is 58			
12	18/10/2024 To 19/10/2024							

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024				70			
2	09/10/2024 To 10/10/2024	Nieka			68	74		
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from			71		YES	RBL: 42 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T	79	79		Appropriate additional mitigation measures being offered
5	12/10/2024 To 13/10/2024			(inc jack hammer attachments) Balloon tyre dump trucks (Hydrema)	69	74		
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks				
7	13/10/2024 To 14/10/2024		construction activities	EWP/telehandler Front-end loader Concrete truck and line pump				
8	14/10/2024 To 15/10/2024			Portable Generators Compressors Compactor Bogie				
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Water pumps 4T Dumpy Site lights Mobile Crane		1	No Construction	on within 200m Radius
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)						
11	17/10/2024 To 18/10/2024							
12	18/10/2024 To 19/10/2024							

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	: Comments		
1 2	08/10/2024 To 09/10/2024 09/10/2024 To				64 - Highest ambient LAeq in period at Monitoring Location is 67 - Excluding the following non-construction related event being identified:	66	YES	RBL: 40 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
3	10/10/2024 10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from			Construction related LAeq in period at Monitoring Location is 64					
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer	63	66	YES	RBL: 40 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
5	12/10/2024 To 13/10/2024			attachments) Balloon tyre dump trucks (Hydrema) Light vehicles						
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler						
7	13/10/2024 To 14/10/2024		construction activities	Front-end loader Concrete truck and line pump Portable Generators						
8	14/10/2024 To 15/10/2024			Compressors Compactor Bogie Water pumps		1	No Constructio	on within 200m Radius		
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		4T Dumpy Site lights Mobile Crane						
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)								
11	17/10/2024 To 18/10/2024									
12	18/10/2024 To 19/10/2024									

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments				
1	08/10/2024 To 09/10/2024				- Highest ambient LAeq in period at Monitoring Location is 70 - Excluding the following non-construction related event being identified: 08/10/2024 23:30 ARTC Train 60 08/10/2024 23:45 ARTC Train 67 08/10/2024 01:45 ARTC Train 70 08/10/2024 01:45 ARTC Train 67 - Construction related LAeq in period at Monitoring Location is 54	64						
2	09/10/2024 To 10/10/2024	Night 22:00 to 7:00			67	67		• RBL: 40 dBA				
3	10/10/2024 To 11/10/2024	(Modeled from 18:00 to 7:00)			Highest ambient LAeq in period at Monitoring Location is 70 Excluding the following non-construction related event being identified: 11/10/2024 00:30 ARTC Train 70 Construction related LAeq in period at Monitoring Location is 67			 Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered 				
4	11/10/2024 To 12/10/2024			Excavators 3T, 6 and 13T (inc jack hammer attachments)	Highest ambient LAeq in period at Monitoring Location is 71 Excluding the following non-construction related event being identified: 12/10/2024 01:45 ARTC Train 71 Construction related LAeq in period at Monitoring Location is 68							
5	12/10/2024 To 13/10/2024				Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	69	69					
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related	Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	 Highest ambient LAeq in period at Monitoring Location is 71 Due to the monitoring location being 25 m from the source of the noise and sensitive receiver being 50 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 65. 		YES	RBL: 47 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered				
7	13/10/2024 To 14/10/2024		construction activities	Front-end loader Concrete truck and line pump Portable Generators	Highest ambient LAeq in period at Monitoring Location is 70 Excluding the following non-construction related event being identified: 13/10/2024 23:30 ARTC Train 70 Construction related LAeq in period at Monitoring Location is 67							
8	14/10/2024 To 15/10/2024		Compressors Compactor Bogie Water pumps 4 T Dumpy Site lights Mobile Crane 67 68		Compactor Bogie Water pumps 4T Dumpy Site lights	Compactor Bogie Water pumps	Compactor Bogie Water pumps	Compactor Bogie Water pumps	67			
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		4T Dumpy Site lights		RBL: 40 dBA						
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)			- Highest ambient LAeq in period at Monitoring Location is 72 - Excluding the following non-construction related event being identified: 16/10/2024 22:15 ARTC Train 69 17/10/2024 05:15 ARTC Train 72 - Construction related LAeq in period at Monitoring Location is 67			 Noise monitor detect highest LAcq15min value due to general construction noise below or matching predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered 				
11	17/10/2024 To 18/10/2024				 Highest ambient LAeq in period at Monitoring Location is 71 Due to the monitoring location being 25 m from the source of the noise and sensitive receiver being 50 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 65. 	69						
12	18/10/2024 To 19/10/2024				68	68	-					

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	08/10/2024 To 09/10/2024					,	No Constructio	n within 200m Radius
2	09/10/2024 To 10/10/2024	AP-14				'	40 Constitucio	N WILLIA ZOUTT NAULUS
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from			70			
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer	68	73		RBL: 33 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
5	12/10/2024 To 13/10/2024			attachments) Balloon tyre dump trucks (Hydrema)	72		Yes	
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	Conoral track	Light vehicles Trucks Payloader Handheld powered and non-powered tools	73	74		RBL: 38 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
7	13/10/2024 To 14/10/2024		General track related construction activities	Vac Trucks EWP/telehandler Front-end loader Concrete truck and line	68	73		RBL: 33 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
8	14/10/2024 To 15/10/2024			Portable Generators Compressors Compactor Bogie				
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Water pumps 4T Dumpy Site lights Mobile Crane		1	No Constructio	n within 200m Radius
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)						
11	17/10/2024 To 18/10/2024				67	67		RBL: 33 dBA Noise monitor detect highest LAeq15min value due to general construction noise below or matching predictions.
12	18/10/2024 To 19/10/2024				Highest ambient LAeq in period at Monitoring Location is 69 Excluding the following non-construction related event being identified: 19/10/2024 00:15 ARTC Train 69 19/10/2024 00:00 ARTC Train 68 Construction related LAeq in pendo at Monitoring Location is 65	67	Yes	Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments		
4	08/10/2024 To 09/10/2024									
2	09/10/2024 To 10/10/2024				No Construction within 200m Radius					
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from								
4	11/10/2024 To 12/10/2024	18:00 to 7:00)		Excavators 3T, 6 and 13T (inc jack hammer)						
5	12/10/2024 To 13/10/2024			attachments) Balloon tyre dump trucks (Hydrema)						
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track	Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks	64	73	Yes	RBL: 38 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered		
7	13/10/2024 To 14/10/2024		related construction activities	EWP/telehandler Front-end loader Concrete truck and line		•	•			
8	14/10/2024 To 15/10/2024			pump Portable Generators Compressors Compactor Bogie						
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Water pumps 4T Dumpy Site lights Mobile Crane						
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)				ľ	No Constructio	n within 200m Radius		
11	17/10/2024 To 18/10/2024									
12	18/10/2024 To 19/10/2024									

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments	
1	08/10/2024 To 09/10/2024					•	•		
2	09/10/2024 To 10/10/2024								
3	10/10/2024 To 11/10/2024	Night 22:00 to 7:00 (Modeled from			No Construction within 200m Radius				
4	11/10/2024 To 12/10/2024	18:00 to 7:00)							
5	12/10/2024 To 13/10/2024			Excavators 3T, 6 and 13T (inc jack hammer					
6	13/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related construction activities	attachments) Balloon tyre dump trucks (Hydrema) Light verhicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWPAleiehandler Front-end loader Concrete truck and line	- Highest ambient LAeq in period at Monitoring Location is 74 - Excluding the following non-construction related event being identified:	58	Yes	RBL: 38 dBA Noise monitor detect highest LAeq15min value due to general construction noise below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered	
7	13/10/2024 To 14/10/2024			Concrete truck and line pump Portable Generators Compressors Compactor					
8	14/10/2024 To 15/10/2024			Bogie Water pumps 4T Dumpy Site lights					
9	15/10/2024 To 16/10/2024	Night 22:00 to 8:00		Mobile Crane					
10	16/10/2024 To 17/10/2024	(Modeled from 18:00 to 8:00)				1	No Construction	n within 200m Radius	
11	17/10/2024 To 18/10/2024								
12	18/10/2024 To 19/10/2024								

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			64	71		RBL: 35 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			69	71	YES	RBL: 41 dBA Noise monitor detect highest LAeq15min value below predictions. Pradicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
3	20/10/2024 To 21/10/2024				50	71		RBL: 35 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
4	21/10/2024 To 22/10/2024 22/10/2024							
5	To 23/10/2024 23/10/2024	Night 22:00 to 7:00					No Worl	k Within 200m
6	To 24/10/2024 24/10/2024	(Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T		1	I	
7	To 25/10/2024 25/10/2024			(Inc Jack hammer attachments) Balloon tyre dump trucks	63	66	YES	RBL: 35 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures.
8	To 26/10/2024			(Hydrema) Light vehicles Trucks	52	66		Appropriate additional mitigation measures being offered
9	26/10/2024 To 27/10/2024			 Payloader Handheld powered and 			No Worl	k Within 200m
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related construction activities	non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and line	51	71	YES	RBL: 41 dBA Noise monitor detect highest LAeq15min value below predictions. Pradicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
11	27/10/2024 To 28/10/2024 28/10/2024			pump Portable Generators Compressors Compactor				
12	To 29/10/2024			Bogle Water pumps 4T Dumpy				
13	29/10/2024 To 30/10/2024	Moht		Site lights Mobile Crane			No Worl	k Within 200m
14	30/10/2024 To 31/10/2024	Night 22:00 to 7:00						
15	31/10/2024 To 01/11/2024	(Modeled from 18:00 to 7:00)						
16	01/11/2024 To 02/11/2024							
17	02/11/2024 To 03/11/2024				61	72		RBL: 35 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			69	71	YES	RBL: 41 dBA Noise monitor detect highest Lacq15min value below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00			66	72		RBL: 35 dBA Noise monitor detect highest Lacq15min value below predictors. Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Moniforing Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments			
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			No Work Within 200m						
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			Highest ambient LAeq in period at Monitoring Location is 70 Excluding the following non-construction related event being identified: 20/10/2024 13:45 Urban Siren 56 20/10/2024 15:15 Arimal Activity 62 20/10/2024 15:30 Arimal Activity 76 20/10/2024 15:45 Arimal Activity 76 20/10/2024 17:00 Urban Traffic 57 20/10/2024 18:15 Urban Siren 56 Construction related LAeq in period at Monitoring Location is 55	55	YES	RBL: 47 dBA Noise monitor detect highest LAeq15min value related to construction matched predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered			
3	20/10/2024 To 21/10/2024					•					
4	21/10/2024 To 22/10/2024										
5	22/10/2024 To 23/10/2024	Night 22:00 to 7:00									
6	23/10/2024 To 24/10/2024	(Modeled from		Excavators 3T, 6 and 13T (Inc Jack hammer							
7	24/10/2024 To 25/10/2024	18:00 to 7:00)		attachments) Balloon byre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and							
8	25/10/2024 To 26/10/2024										
9	25/10/2024 To 27/10/2024		General track related	 non-powered tools Vac Trucks 							
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	construction activities	EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators							
11	27/10/2024 To 28/10/2024			Compressors Compactor Bogle			No Wor	k Within 200m			
12	28/10/2024 To 29/10/2024			Water pumps 4T Dumpy Site lights							
13	29/10/2024 To 30/10/2024	Night 22:00 to 7:00		Mobile Crane							
14	30/10/2024 To 31/10/2024	(Modeled from									
15	31/10/2024 To 01/11/2024	18:00 to 7:00)									
16	01/11/2024 To 02/11/2024										
17	02/11/2024 To 03/11/2024										
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00									
10	03/11/2024 To	Night 22:00 to 7:00									
19	04/11/2024	(Modeled from 18:00 to 7:00									

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			Highest ambient LAeq in period at Monitoring Location is 55 Excluding the following non-construction related event being identified: 19/10/2024 22:30 Urban Traffic 56 19/10/2024 23:31 Urban Traffic 55 20/10/2024 23:30 Urban Traffic 55 20/10/2024 23:30 Urban Traffic 55 Construction related Lawar In period at Monitoring Location is 53 Construction related Lawar in period at Monitoring Location is 53	53		RBL: 41 dBA Noise monitor detect highest LAeq15min value related to construction matched predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			 Highest ambient LAeq in period at Monitoring Location is 63 Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 54 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 49. 	53		RBL: 47 dBA The calculated construction related highest LAeq in work period (49 dBA) is lower than the predicted level (53 dBA) Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
3	20/10/2024 To 21/10/2024				Highest ambient LAeq in period at Monitoring Location is 58 Excluding the following non-construction related even being identified: 21/10/2024 1:00 Aircraft 58 21/10/2024 6:30 Urban Traffic 55 21/10/2024 6:30 Urban Traffic 54 1/10/2024 6:30 Urban Traffic 54 Construction related LAeq in period at Monitoring Location is 54 Construction related LAeq in period at Monitoring Location is 54 Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 54 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 40.	53	Yes	RBL: 41 dBA The calculated construction related highest LAeq in work period (40 dBA) is lower than the predicted level (53 dBA). Predicted noise levels (Niight shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
4	21/10/2024 To 22/10/2024	Night 22:00 to 7:00 (Modeled from		Excavators 3T, 6 and 13T	Highest ambient LAeq in period at Monitoring Location is 59 Excluding the following non-construction related event being identified: 21/10/2024 23:30. Urban Traffic. 59 Construction related LAeq in period at Monitoring Location is 56 Due to the monitoring location being 11 m from the source of the noise and sensitive receiver being 54 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 42.	53		RBL: 41 dBA The calculated construction related highest LAeq in work period (42 dBA) is lower than the predicted level (53 dBA). Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
5	22/10/2024 To 23/10/2024	18:00 to 7:00)		(Inc Jack hammer attachments) Balloon tyre dump trucks				
6	23/10/2024 To 24/10/2024			(Hydrema) Light vehicles Trucks			No Work W	nthin 200m
7	24/10/2024 To 25/10/2024			 Payloader Handheld powered and non-powered tools 	58	63		RBL: 41 dBA Noise monitor defect highest LAeq15min value below predictions.
8	25/10/2024 To 26/10/2024		General track related construction	Vac Trucks EWP/telehandler Front-end loader	56	63	Yes	Product not observe injuries the policy of the production. Producted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered.
9	26/10/2024 To 27/10/2024		activities	Concrete truck and line pump Portable Generators		•	No Work W	thin 200m
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00		Compressors Compactor Bogle Water pumps 4T Dumpy	62	62	Yes	RBL: 47 dBA Noise monitor detect highest LAeq15min value matches predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered
11	27/10/2024 To 28/10/2024			Site lights Mobile Crane				
12	28/10/2024 To 29/10/2024						No Work W	nthin 200m
13	29/10/2024 To 30/10/2024	Night			55	63		
14	30/10/2024 To 31/10/2024	22:00 to 7:00 (Modeled from			55	63]	
15	31/10/2024 To	18:00 to 7:00)			55	63	1	RBL: 41 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures.
16	01/11/2024 01/11/2024 To 02/11/2024				60	63	1	Appropriate mitigation measures being offered
17	02/11/2024 To 03/11/2024				62	63	Yes	
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			60	62		RBL: 47 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered.
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00			56	63		RBL: 41 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered.

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Moniforing Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments					
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)											
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			No Work Within 200m								
3	20/10/2024 To 21/10/2024												
4	21/10/2024 To 22/10/2024												
5	22/10/2024 To 23/10/2024												
6	23/10/2024 To 24/10/2024	Night											
7	24/10/2024 To 25/10/2024	22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (inc.) ack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks	Highest ambient LAe in period at Monitoring Location is 67 Excluding the following non-construction related event being identified: 24/10/2024 22:45 Urban Traffic 64 25/10/2024 6:00 Urban Traffic 64 25/10/2024 6:15 Urban Traffic 67 25/10/2024 6:30 Urban Traffic 67 25/10/2024 6:30 Urban Traffic 64 Construction related LAeq in period at Monitoring Location is 63 Due to the monitoring location being 13 m from the source of the noise and sensitive receiver being 128 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 43.	51	Yes	RBL: 42 dBA The calculated construction related highest LAeq in work period (43 dBA) is lower than the predicted level (51 dBA). Predicted noise levels (Night shirt works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered					
8	25/10/2024 To 26/10/2024		Conoral trank	Payloader Handheld powered and non-powered tools									
9	26/10/2024 To 27/10/2024		General track related construction	Vac Trucks EWP/telehandler Front-end loader									
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	actvities			activities	activities	Concrete truck and line pump Portable Generators Compressors Compactor					
11	27/10/2024 To 28/10/2024 28/10/2024			Boglé Water pumps 4T Dumpy									
12	To 29/10/2024 29/10/2024			Site lights Mobile Crane									
13	To 30/10/2024	Night				No.	Work Within 2	2000					
14	30/10/2024 To 31/10/2024	22:00 to 7:00 (Modeled from 18:00 to 7:00)				NO	PVOIR VVIIIII 2						
15	31/10/2024 To 01/11/2024	10.00107.00)											
16	01/11/2024 To 02/11/2024												
17	02/11/2024 To 03/11/2024												
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00											
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00											

Reference Number	Date	Period	Construction Activities	Main source of noise	Higheet LAeq in work period at Moniforing Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments		
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)				No	Work Within 2	200m		
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			Highest ambient LAeq in period at Monitoring Location is 69 Excluding the following non-construction related event being identified: 20/10/2024 21:45 Urban Traffic 69 Construction related LAeq in period at Monitoring Location is 67	67	Yes	RBL: 54 dBA Noise monitor detect highest LAeq15min value related to construction matched predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
3	20/10/2024 To 21/10/2024 21/10/2024									
4	To 22/10/2024 22/10/2024 To					No	Work Within 2	200m		
6	23/10/2024 23/10/2024 To 24/10/2024									
7	24/10/2024 To 25/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (Inc Jack hammer attachments) Balloon byre dump trucks (Hydrema) Light vehicles Trucks	Highest ambient LAeq in period at Monitoring Location is 67 Excluding the following non-construction related event being identified: 25/10/2024 5.45 Urban Traffic 62 25/10/2024 6.50 Urban Traffic 65 25/10/2024 6.15 Urban Traffic 65 25/10/2024 6.15 Urban Traffic 63 25/10/2024 6.45 Urban Traffic 63 25/10/2024 6.45 Urban Traffic 62 Construction related LAeq in period at Monitoring Location is 62 Due to the monitoring location being 6 in from the source of the noise, and sensitive receiver being 46 in from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 44.	53	Yes	RBL: 42 dBA The calculated construction related highest LAeq in work period (44 dBA) is lower than the predicted level (53 dBA). Predicted noise levels (Night shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
8	25/10/2024 To 26/10/2024 26/10/2024 To		General track related construction	Payloader Handheld powered and non-powered tools Vac Trucks EWP/telehandler	No Work Within 200m					
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	actvities	Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bogle	Highest ambient LAeq in period at Monitoring Location is 70 Due to the monitoring location being 6 m from the source of the noise and sensitive receiver being 46 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 52.	69	Yes	RBL: 54 dBA The calculated construction related highest LAeq in work period (52 dBA) is lower than the predicted level (69 dBA). Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered		
11	27/10/2024 To 28/10/2024 28/10/2024			Water pumps 4T Dumpy Site lights Mobile Crane						
12	To 29/10/2024 29/10/2024 To									
14	30/10/2024 30/10/2024 To 31/10/2024	Night 22:00 to 7:00 (Modeled from								
15	31/10/2024 To 01/11/2024 01/11/2024	18:00 to 7:00)				No.	Work Within 2	200m		
16	To 02/11/2024 02/11/2024									
17	To 03/11/2024	Day 08:00 to 18:00								
18	03/11/2024	& Evening 18:00 to 22:00								
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00								

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Moniforing Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments			
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00) Day									
2	20/10/2024	08:00 to 18:00 Evening 18:00 to 22:00									
3	20/10/2024 To 21/10/2024 21/10/2024										
4	To 22/10/2024 22/10/2024 To										
6	23/10/2024 23/10/2024 To 24/10/2024	Night 22:00 to 7:00 (Modeled from				No	Work Within 2	00m			
7	24/10/2024 To 25/10/2024 25/10/2024	18:00 to 7:00)									
8	To 26/10/2024 26/10/2024 To			Excavators 3T, 6 and 13T							
10	27/10/2024	Day 08:00 to 18:00					(Inc Jack hammer attachments) Balloon tyre dump trucks (Hydrema)				
11	27/10/2024 To 28/10/2024	Evening 18:00 to 22:00		Light vehicles Trucks Payloader Handheld powered and							
12	28/10/2024 To 29/10/2024		General track related construction activities	non-powered tools Vac Trucks EWP/telehandler Front-end loader Concrete truck and line pump Portable Generators Compressors	Highest ambient LAeq in period at Monitoring Location is 71 Excluding the following non-construction related event being identified: 29/10/2024 1:30 ARTC Train 71 Construction related LAeq in period at Monitoring Location is 66 Due to the monitoring location being 10 m from the source of the noise and sensitive receiver being 15 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 62.			RBL: 33 dBA The calculated construction related highest LAeq in work period (62 dBA) is higher than the predicted level (55 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Night shift works) in this area did not trigger offers above the Respite limit. No further additional mitigation measures required.			
13	29/10/2024 To 30/10/2024			Compactor Bogle Water pumps T Dumpy Site lights Mobile Crane	Highest ambient LAeq in period at Monitoring Location is 68 Excluding the following non-construction related event being identified: 30/10/2024 4:30 ARTC Train 68 30/10/2024 6:15 ARTC Train 67 Construction related LAeq in period at Monitoring Location is 67 Due to the monitoring location being 10 m from the source of the noise and sensitive receiver being 15 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 63.			RBL: 33 dBA The calculated construction related highest LAeq in work period (53 dBA) is higher than the predicted level (58 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Night shift works) in this area did not trigger offers above the Respite limit. No further additional mitigation measures required.			
14	30/10/2024 To 31/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)					Highest ambient Laeq in period at Monitoring Location is 71 Exciuding the following non-construction related event being identified: 30/10/2024 22-15. ARTC Train 76 30/10/2024 02-15. ARTC Train 68 31/10/2024 0.15. ARTC Train 68 31/10/2024 1.45. ARTC Train 69 31/10/2024 1.45. ARTC Train 69 31/10/2024 5.45. ARTC Train 67 Construction related Laeq in period at Monitoring Location is 67 Due to the monitoring location being 10 m from the source of the noise and sensitive receiver being 15 m from the source of the noise, the calculated construction related highest Laeq at the sensitive receiver (Actual Noise level) is 63.	58	Yes	RBL: 33 dBA The calculated construction related highest LAeq in work period (63 dBA) is higher than the predicted level (58 dBA) Predicted notes levels (Night shift works) in this area triggered offers for additional mitigation measures. Actual notes levels (Night shift works) in this area did not trigger offers above the Respite limit. No further additional mitigation measures required.	
15	31/10/2024 To 01/11/2024				Highest ambient LAeq in period at Monitoring Location is 69 Excluding the following non-construction related event being identified: 31/10/2024 23:30 ARTC Train 65 1/11/2024 200 ARTC Train 67 1/11/2024 200 ARTC Train 67 1/11/2024 2:30 ARTC Train 64 1/11/2024 2:30 ARTC Train 64 1/11/2024 2:30 ARTC Train 66 1/11/2024 3:30 ARTC Train 66 1/11/2024 3:30 ARTC Train 69 1/11/2024 3:45 ARTC Train 69 1/11/2024 3:40 ARTC Train 69 1/11/2024 3:40 ARTC Train 69 1/11/2024 3:50 ARTC			RBL: 33 dBA The calculated construction related highest LAeq in work period (59 dBA) is higher than the predicted level (58 dBA) Predicted noise levels (Night shift works) in this area triggered offers for additional mitigation measures. Actual noise levels (Night shift works) in this area did not trigger offers above the Respite limit. No further additional mitigation measures required.			
16	01/11/2024 To 02/11/2024 02/11/2024										
17	To 03/11/2024	Day 08:00 to 18:00				No	Work Within 2	90m			
18	03/11/2024	8 Evening 18:00 to 22:00 Night									
19	03/11/2024 To 04/11/2024	22:00 to 7:00 (Modeled from 18:00 to 7:00									

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments		
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)				No	Work Within 2			
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			63	76	Yes	RBL: 36 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures.		
3	20/10/2024 To 21/10/2024	10.00 10 22.00				1		Appropriate additional mitigation measures being offered		
4	21/10/2024 To 22/10/2024 22/10/2024									
5	To 23/10/2024 23/10/2024	Night 22:00 to 7:00								
6	To 24/10/2024 24/10/2024 To	(Modeled from 18:00 to 7:00)		Excavators 3T, 6 and 13T (Inc Jack hammer)		No	Work Within 2	900m		
8	25/10/2024 25/10/2024 To			 attachments) Balloon tyre dump trucks (Hydrema) 						
9	26/10/2024 26/10/2024 To 27/10/2024			EWP/telehandler Front-end loader Concrete truck and line						
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00	General track related construction activities		63	76	Yes	RBL: 38 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mittigation measures. Appropriate additional mittigation measures being offered		
11	27/10/2024 To 28/10/2024 28/10/2024			pump Portable Generators Compressors Compactor						
12	To 29/10/2024 29/10/2024			Bogle Water pumps 4T Dumpy						
13	To 30/10/2024 30/10/2024 To	Night 22:00 to 7:00		Site lights Mobile Crane		No.	Work Within 2	200m		
15	31/10/2024 31/10/2024 To	(Modeled from 18:00 to 7:00)								
16	01/11/2024 01/11/2024 To 02/11/2024									
17	02/11/2024 To 03/11/2024					ı				
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			73	76	Yes	RBL: 36 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Day shift works) in this area triggered offers for additional mitigation measures. Appropriate additional mitigation measures being offered		
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00				No	Work Within 2	•		

Reference Number	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments								
1	19/10/2024 To 20/10/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)														
2	20/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00			Highest ambient LAeq in period at Monitoring Location is 65 Exoluting the following non-construction related even being identified: 20/10/2024 7-45 ARTC Train 73 20/10/2024 18-35 ARTC Train 73 20/10/2024 18-30 ARTC Train 71 20/10/2024 18-30 ARTC Train 71 20/10/2024 19-30 ARTC Train 76 20/10/2024 19-30 ARTC Train 72 20/10/2024 20-30 ARTC Train 72 20/10/2024 20-30 ARTC Train 69 Construction related LAeq in period at Monitoring Location is 69 Due to the monitoring location being 7 m from the source of the noise and sensitive receiver being 18 m from the source of the noise, the calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 61.	63	Yes	RBL: 38 dBA The calculated construction related highest LAeq in work period (51 dBA) is lower than the predicted level (53 dBA). Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered								
3	20/10/2024 To 21/10/2024															
4	21/10/2024 To 22/10/2024		General track related construction activities													
5	22/10/2024 To 23/10/2024	Night 22:00 to 7:00		Excavators 3T, 6 and 13T												
6	23/10/2024 To 24/10/2024	(Modeled from 18:00 to 7:00)					(Inc Jack hammer attachments) Balloon tyre dump trucks									
7	24/10/2024 To 25/10/2024	10.00 10 7.00)		(Hydrema) • Light vehicles • Trucks												
8	25/10/2024 To 26/10/2024			related construction	related construction	related construction	related construction	 Payloader 								
9	26/10/2024 To 27/10/2024							related construction	Vac Trucks EWP/telehandler Front-end loader							
10	27/10/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00							Sarraco							
11	27/10/2024 To 28/10/2024 28/10/2024			Bogle Water pumps 4T Dumpy												
12	To 29/10/2024											Site lights Mobile Crane				
13	29/10/2024 To 30/10/2024 30/10/2024	Night 22:00 to 7:00														
14	To 31/10/2024 31/10/2024	(Modeled from 18:00 to 7:00)														
15	To 01/11/2024 01/11/2024															
16	To 02/11/2024 02/11/2024															
17	To 03/11/2024							RBL: 38 dBA								
18	03/11/2024	Day 08:00 to 18:00 & Evening 18:00 to 22:00					 Highest ambient LAeq in period at Monitoring Location is 78 An Excavator identified ultima adjacent to the noise monitor Due to the monitoring location being 2 m from the source of the noise and sensitive receiver being 7.5 m from the source of the noise. The calculated construction related highest LAeq at the sensitive receiver (Actual Noise level) is 51. 	68	Yes	The calculated construction related highest LAeq in work period (61 dBA) is lower than the predicted level (68 dBA). Predicted noise levels (Day shift works) in this area did not trigger offers for additional mittgatton measures. Appropriate mitigation measures being offered						
19	03/11/2024 To 04/11/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00														

Referenc Number		Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	3/11/2024	Day 08:00 to 18:00 8 Evening 18:00 to 22:00	General track related construction activities	Excavators 3T, 6 and 13T (inc jack hammer attachments) Balloon tyre dump trucks (Hydrema) Light vehicles Trucks Payloader Handheld powered and non-powered tools Vac Trucks EWPhelehandler Front-end loader Concrete truck and line pump Portable Generators Compressors Compactor Bogle Water pumps 4T Dumpy Site lights Mobile Crane	63	64		RBL: 38 dBA Noise monitor detect highest LAeq15min value below predictions. Predicted noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered

Referen		Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq, 15min at resident (dBA)	Compliant	Comments
1	3/11/2024	Day 06:00 to 16:00 & Evening 18:00 to 22:00	General track retated construction activities	Excavators 31, 6 and 13T (Inc lask hammer attachments) Balloon tyre dump trucks (tydrema) Light verhicles Trucks Payloader Handheid powered and non-powered tools Vac Trucks EWP/Melehandler Front-end loader Concrete truck and line pump Portable Generators Compactor Boglie Water pumps Site lights Mobile Crane	Highest ambient LAeq in period at Monitoring Location is 56 Excluding the following non-construction related event being identified: 3/11/2024 7-45 ARTC Train 65 3/11/2024 7-30 Human Activity 71 3/11/2024 14:00 ARTC Train 65 3/11/2024 14:00 ARTC Train 66 3/11/2024 21:00 ARTC Train 66 3/11/2024 21:00 ARTC Train 64 Construction related LAeq in period at Monitoring Location is 61	63		RBL: 38 dBA Noise monitor detect highest LAeq15min value below predictions. Pradictad noise levels (Day shift works) in this area did not trigger offers for additional mitigation measures. Appropriate mitigation measures being offered

Business

Vibration Monitoring Data - Monthly Summary									
Month and Year	October 2024			JOHN					
Project	Sydenham Metro upgrade		LAING O'ROURKE	HOLLAND					
EPL license No.	21147								
EPL Weblink	https://apps.epa.nsw.gov.au/pr	poeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued							
pecific EPL monitoring conditions M7.2 - Vibration monitoring									

Start Date	Finish Date	Start Time	Finish Time	Type of Monitoring (Complaint/New Activity/Inquiry)	Sensitive Receiver/Address of monitoring location	Distance to activity (m)	Key activity occurring including plant list.	Criteria	Compliance target	Observed Vibration	Notes
21/10/2024	21/10/2024	10:30	11:30	New Activity	Sydney Train Bankstown Station & Platform	47	Auger Piling Rig	VDV	<0.4 m/s ^{1.75}	0.012m/s ^{1.75}	The NSW EPA "Assessing Vibration: a technical guideline" dated February 2006 (AVTG) recommends the use of BS 6472-1992 for the purpose of assessing vibration in relation to human comfort. Vibration dose values are considered appropriate for the assessment of non-continuous vibration sources associated with construction. The vibration dose value depends on both
21/10/2024	21/10/2024	13:00	13:30	New Activity	Sydney Train Bankstown Station & Platform	20	Vibratory Soil Compactors	VDV	<0.4 m/s ^{1.75}	0.02m/s ^{1.75}	the level and duration of the short-duration vibration event, as well as the number of events occurring during the daytime or night-time period.
24/10/2024	24/10/2024	12:00	12:15	New Activity	Sydney Train Bankstown Station & Platform	28	Excavator with jackhammer attachment	VDV	<0.4 m/s ^{1.75}	0.006m/s ^{1.75}	
29/10/2024	29/10/2024	8:45	9:45	New Activity	Sydney Train Bankstown Station & Platform	47	Compressor and jackhammer	VDV	<0.4 m/s ^{1.75}	0.003m/s ^{1.75}	