

Precinct Village and Car Park - Early Works

Noise Monitoring Report 2 (Sep 2023 - Dec 2023)

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Table of contents

1	Introduction.....	3
1.1	Project Scope	3
1.2	Reporting Requirements	5
1.3	Surrounding Land Use	5
1.4	Noise Monitoring Locations.....	7
2	Noise Monitoring	8
2.1	Real time monitoring	8
2.2	Attended Monitoring	10
3	Mitigation Measures	10
4	Appendix Noise Monitoring Reports.....	12
4.1	October'23 – UTS 1.....	12
4.2	October'23 – NRL 2.....	14
4.3	October'23 – KCC 3.....	16
4.4	November'23 – UTS 1.....	18
4.5	November'23 – NRL.....	20
4.6	November'23 – KCC.....	22
4.7	December'23 – UTS 1.....	24
4.8	December'23 – NRL 2.....	26
4.9	December'23 – KCC	28

1 Introduction

1.1 Project Scope

Precinct Village and Carpark (PV&C)

The Precinct Village and Carpark (PV&C) project is to repurpose the approved 540 space at-grade carpark (MP1) at the western side of the Sydney Football Stadium (SFS) for a master planned Precinct Village and Carpark. The PV&C Project will be completed in 4no. stages and includes the design and staged construction of event plaza, precinct village above ground and 1500 space multi-level carpark below the plaza & landscape zone.

PV&C Project has been designed to align with the conditions and commitment established within SSDA9835 and will include:

- Up to a maximum of 1500 space multi-level car park below the proposed ground level with the following arrangements:
 - 1 x egress point onto Moore Park Road to be used on event days only.
 - 1 x two-lane access point from Driver Avenue to be used on event and non-event days; and
 - Dedicated area within the carpark for operation/servicing vehicles
- Reconfiguration of the currently approved drop off requirements for the elderly and mobility impaired.
- Free flow level pedestrian access to and from the SFS concourse from Driver Avenue and Moore Park Road.
- Electric car charging provision
- Provision for 4 x north-south oriented tennis courts on non-event days with the potential to become an event platform on event days.
- Children's playground
- 1500m² café / retail / restaurants with associated amenities in a single storey pavilion (6 meter) low level
- Customer service office and ticket window; and
- Vertical transport provisions.
- Utilities provision augmentation



PV&C Early Works Scope:

As per proposed construction staging, CC#1 relates to the PV&C Early Works scope that John Holland is contracted to complete and will only deliver the Early Works scope as part of the PV&C development. The scope includes:

- Stormwater Diversion around Western MP1 Carpark
- Sewer Diversion of Sydney Water asset at north-west corner of the Western MP1 carpark.

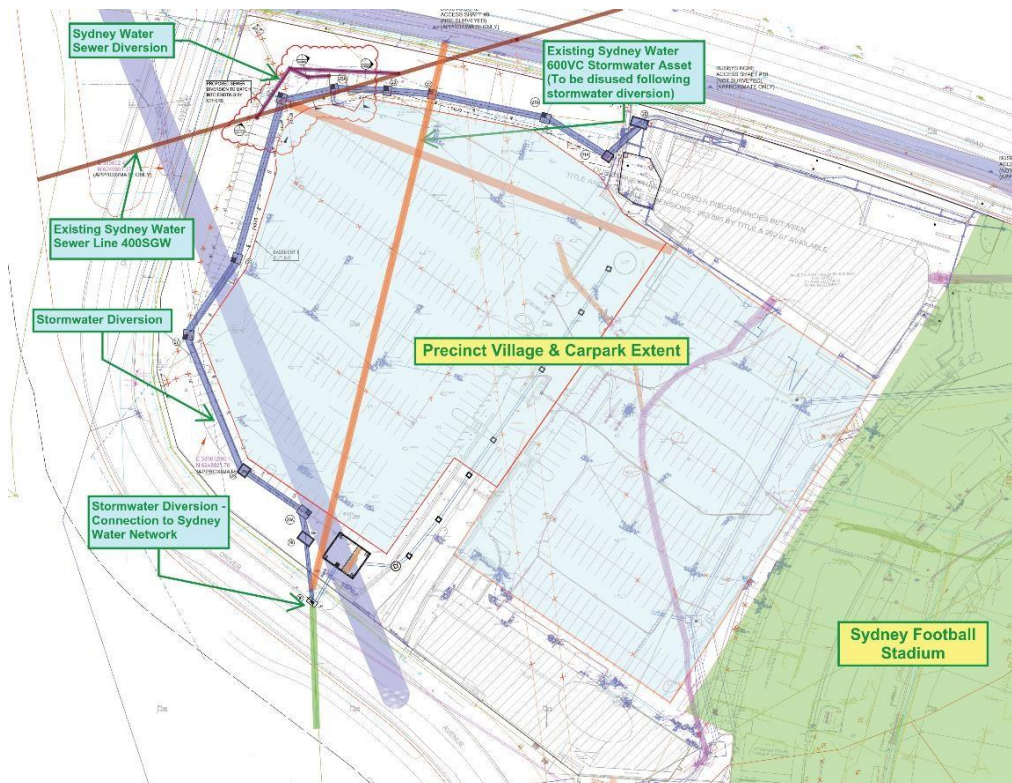


Table 7 PV&C Staging:

CC No.	Proposed Works	Duration	Start Date	Finish Date
PV&C CC1	Early Works - Service Diversions and Stormwater Diversion	8 months	May 2023	December 2023

1.2 Reporting Requirements

Condition	Requirement	Reference
C17	The Applicant must undertake short term attended noise monitoring for all 'High Noise Impact Works' that predicted to exceed the NMLs, identified in the CNVMP (B28). and any other works that generate noise exceeding 75dB(A) LAeq (15mins) and a noise monitoring report must be produced and submitted to the Planning Secretary every three months following commencement of the construction to verify that	Section 2.2
C17(a)	construction noise levels do not exceed the recommended NMLs identified in the Stage 2 SSDA – Noise and Vibration Assessment prepared by ARUP dated 30 August 2019; and	Section 2.2 Section 3
C17(b)	Noise management and mitigation measures have been implemented where the NMLs are exceeded.	Section 3

1.3 Surrounding Land Use

Residential zones are located to the north and north-east in Paddington, east and south-east in Centennial Park, as well as west along South Dowling Street in Surry Hills and Redfern. Non-residential premises also surround the site, with scattered child care, places of worship, educational facilities and Paddington Town Hall located in Paddington and Centennial Park, high schools located across Anzac Parade and various recreation areas nearby, shown in

Figure 1.



Figure 1: Noise sensitive receiver locations and NCAs

Residential receivers located within similar environments and with comparable relationship to surrounding noise sources have been grouped into Noise Catchment Areas (NCAs), also shown in

Figure 1 and described in Table 1.

Table 1: NCAs and description (refer to Figure 2 for details of locations)

NCA	Description	NSW NPfI area classification
NCA 1	Surry Hills & Redfern along South Dowling Street	Urban
NCA 2	Surry Hills intersection between Anzac Parade and Flinders Street	Urban
NCA 3	Paddington, Moore Park Road	Urban
NCA 4	Paddington local roads	Urban
NCA 5	Centennial Park Lang Road and local roads	Suburban
NCA 6	Centennial Park Robertson Road and local roads	Suburban

1.4 Noise Monitoring Locations

In accordance with Section 6 of the Construction Noise and Vibration Management Plan, Short term attended noise monitoring and (15 minutes) is to be conducted at three locations shown in blue in Figure 2, where Real time monitors are also located.

1. University of Technology Sport Sciences Faculty Building (UTS)
2. Kira Child Care, 230 Moore Park Road, Paddington
3. NRL building.

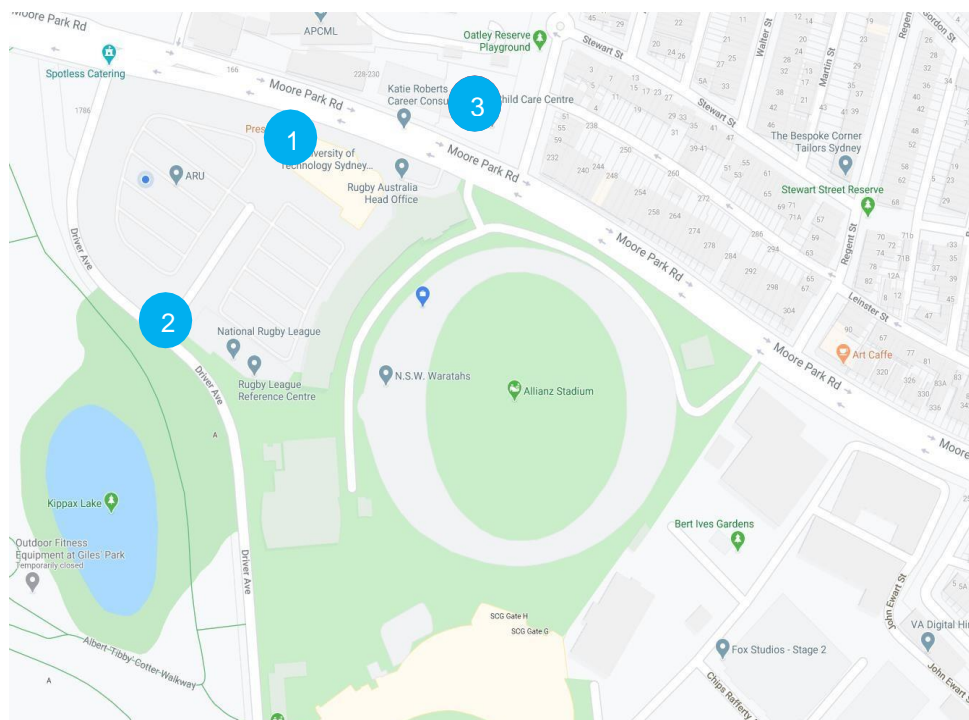


Figure 2 - Noise Monitoring Locations. Red icons denote short term attended monitoring locations, blue denotes real time monitors

This monitoring will be conducted at the beginning of each stage of works, and on an on-going monthly basis during 'High Noise Impact Works' on site.

2 Noise Monitoring

2.1 Real time monitoring

Real time monitors are located at the following locations

1. University of Technology Sport Sciences Faculty Building (UTS)
2. Kira Child Care, 230 Moore Park Road, Paddington
3. NRL building.

The adopted criteria are as per the conditions of the Development Consent below:

C7. All works that generate noise exceeding 75dB(A) LAeq (15mins) are subject to the intra-day respite periods, as approved by the Planning Secretary in the CNVMP in condition B28

B28e(iv). the following intra-day respite periods (as defined by ICNG) for works exceeding 75dB(A) LAeq(15 mins), unless otherwise agreed with the identified sensitive receivers such as UTS, Kira Child Care Centre and / or Fox Studios and evidence of the agreement provided to the Planning Secretary, prior to the commencement of the works:

- *in continuous blocks not exceeding 3 hours each with one hour of respite every three hours block;*
- *scheduling of works outside of the examination time for educational establishments; and*
- *noise intrusive works commencing after 8am and be undertaken within the approved standard construction hours.*

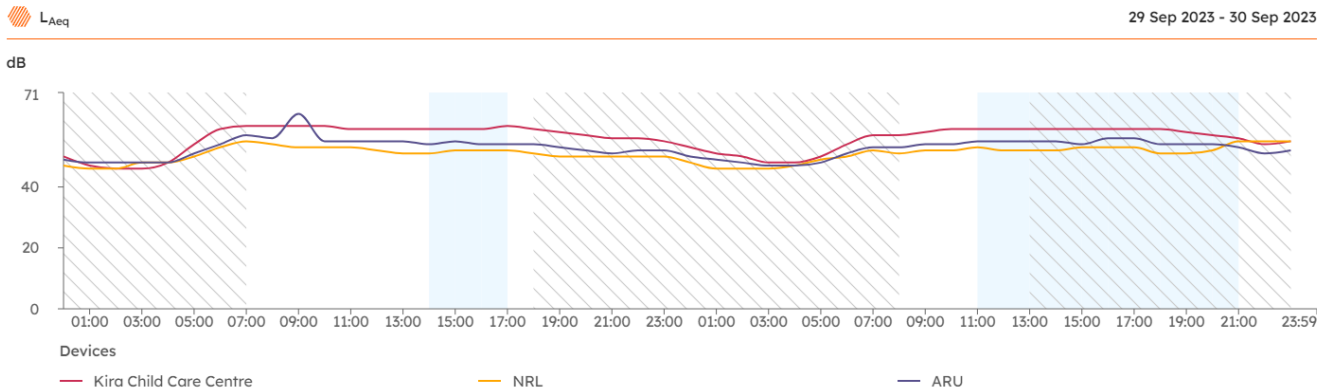
2.1.1 Works being undertaken.

Works during the period consisted off.

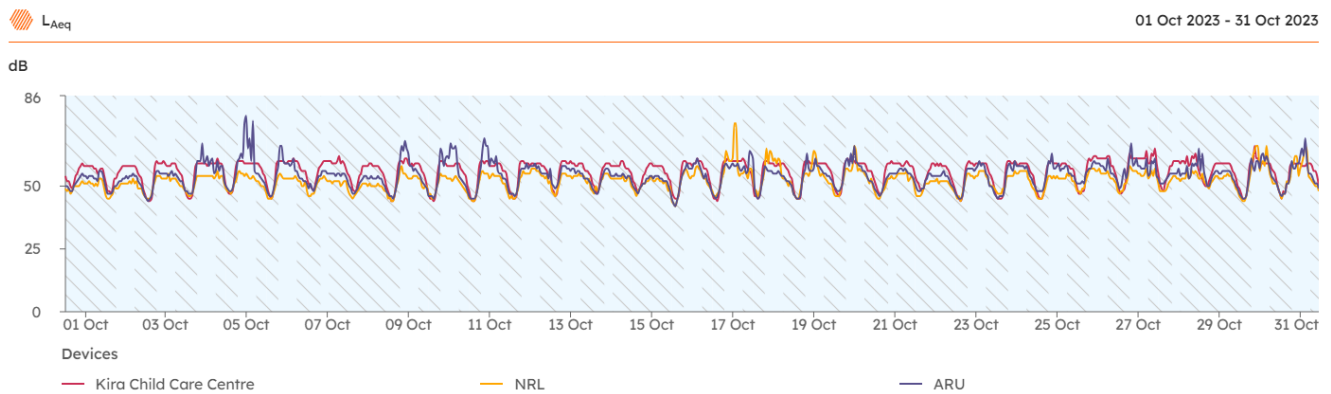
- Site Establishment
- Excavation and Installation for Storm Water Pipes
- Excavation and Installation for Sewer Pipes
- Demolition at ARU Plaza
- Under-boring
- Haulage of spoil
- Concreting

2.1.2 Results

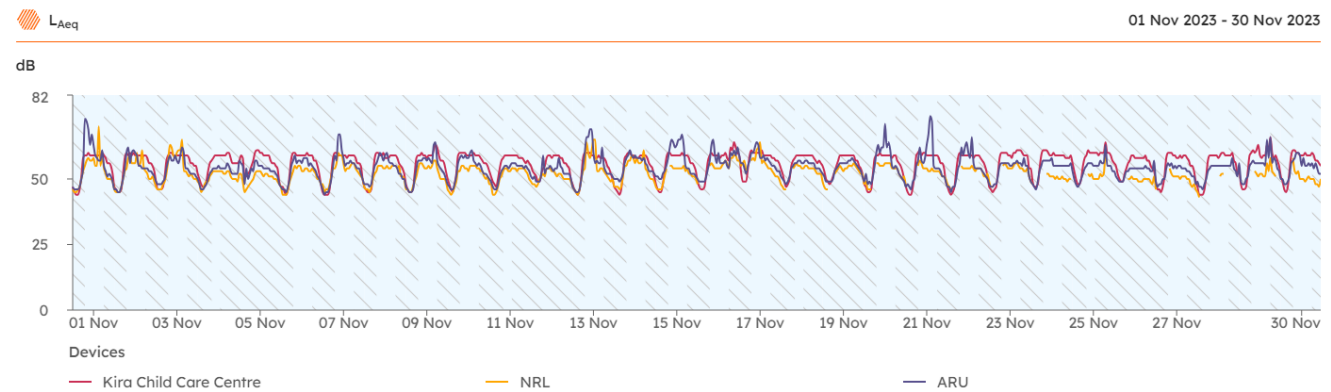
September 2023 (29/09 to 30/09)



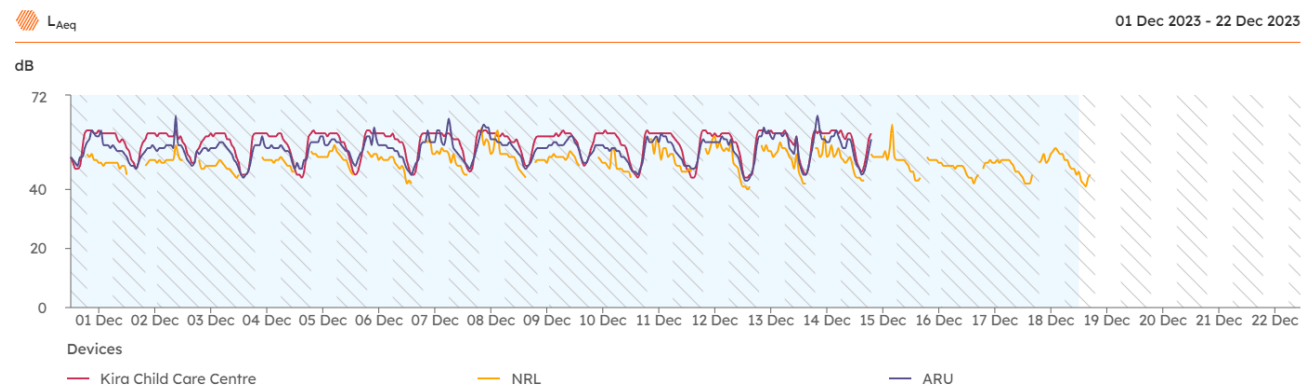
October 2023



November 2023



December 2023 (01/12 – 19/12)



2.1.3 Discussion.

Works were generally compliant with the criteria. There were no exceedances of the stop work criteria. Where applicable, all high impact works followed required respite.

Attended monitoring during the period also demonstrated that construction works were largely inaudible to nearby residential receivers due to road noise. Attended results did not exceed the predicted levels of the CNVMP. Exceedances of the NML are considered compliant as in nearly all instances road traffic was the primary noise source and predicted values are not exceeded.

2.2 Attended Monitoring

Attended monitoring was carried out at 3 locations as below. Results and Discussion

Date	Time	Location	Predicted LAeq(15)	Result LFmax(15)	Result LAeq(15)	Monitoring Trigger	Comment
28/09/2023	13:47	UTS 1		86.7	60.3		Complaint – Construction noise for excavator and Concrete trucks.
28/09/2023	14:04	NRL 2		85.4	62.3		Complaint- Construction sound not audible. Cars Truck entering and existing the Car park heard.
28/09/2023	14:27	KCC 3		97.2	67.6		Compliant – Construction Sound not audible. Cars, trucks, motorbikes on Moore Park Rd and Planes overhead
20/10/2023	9:51	UTS 1		82	68.4		Complaint -
20/10/2023	9:30	NRL 2		76.5	60.1		Complaint -
20/10/2023	10:15	KCC 3		96.89	70.3		Complaint -

Date	Time	Location	Predicted LAeq(15)	Result LFmax(15)	Result LAeq(15)	Monitoring Trigger	Comment
20/11/2023	9:42	UTS 1		68.7	59.87		Complaint -
20/11/2023	8:32	NRL 2		81.9	64.6		Complaint -
20/11/2023	10:14	KCC 3		95.9	69.4		Complaint -
12/12/2023	12:15	UTS 1		72.9	62.2		Complaint -
12/12/2023	11:39	NRL 2		96.6	83.0		Complaint -
12/12/2023	12:28	KCC 3		76.4	61.1		Complaint -

3 Mitigation Measures

Whilst construction levels exceeded the NMLs on a few occasions, they were still under the predicted levels. It can be confirmed that the mitigation measures were in place accordance with Section 5 of the Construction Noise and Vibration Management Plan, in particular.

- Respite hours (3 on and 1 off) and no high impact works prior to 8am
- Class A hoarding installed on the boundary of ARU Plaza

No noise complaints were received in relation to the construction works.

4 Appendix: Noise Monitoring reports

4.1 October'23 - UTS 1

Section 1: Inspection Details		Form Number: 1	
Project	Precinct Village and Car Park (Early Works)		
Date	20/10/23	Time: 9:51 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	UTS – Rugby Australia, Moore Park.		
Section 2: Conditions			
Wind Speed*	15	Wind Direction	ENE
Temperature (c)	22.1	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			
Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-
Section 4: Results			
Predicted LAeq(15)			
Item	Result	Result	
L1(dBA)	-	-	
LAeq (dBA)	68.4	-	

LFmax (dBA)	82.	-
Item	Comments	
What works are occurring?	Excavator Loading out Spoil from site	
Is construction noise audible?	Yes. Excavator movement and Truck movement heard	
Is extraneous noise present during measurement?	Yes - Cars	
Is construction noise the dominant noise source?	No	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No	
Is the measurement compliant with relevant criteria?	Yes	

Other Comments and Observations

Minute	Observation
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Majority of audibly noise was coming from traffic on Moore Park Road.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: 20/10/23.....

4.2 October'23 – NRL 2

5 Section 1: Inspection Details		Form Number: 1	
Project	Precinct Village and Car Park (Early Works)		
Date	20/10/23	Time: 9:30 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	National Rugby League- Drivers Av, Moore Park		

Section 2: Conditions

Wind Speed*	15	Wind Direction	ENE
Temperature (c)	22.1	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment

Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results

Predicted LAeq(15)		
Item	Result	Result
L1(dBA)		
LAeq (dBA)	60.1 dBA	
LFmax (dBA)	76.5 dBA	

Item	Comments
What works are occurring?	Concrete Core Cutting for the Pit
Is construction noise audible?	No
Is extraneous noise present during measurement?	Yes - Cars
Is construction noise the dominant noise source?	No. Cars entering and exiting SFS members car park is the main noise contributor.
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .20/10/23.....

4.3 October'23 – KCC 3

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	20/10/23	Time: 10:15 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	Kira Child Care Centre- Cnr Moore Park Road		

Section 2: Conditions			
Wind Speed*	15	Wind Direction	ENE
Temperature (c)	22.1	Cloud Cover (%)	-
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq (dBA)	70.3	-
LFmax (dBA)	96.8	-

Item	Comments
What works are occurring?	Excavator operations conduction works for Soil load out
Is construction noise audible?	No
Is extraneous noise present during measurement?	Yes – Cars, trucks, motorbikes on Moore Park Rd
Is construction noise the dominant noise source?	No
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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13	Truck and Dog passing
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Construction works were inaudible.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .20/10/23.....

4.4 November'23 – UTS 1

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	20/11/2023	Time: 9:42 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	UTS – Rugby Australia, Moore Park.		

Section 2: Conditions			
Wind Speed*	09	Wind Direction	NW
Temperature (c)	21.6	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq (dBA)	59.87	-
LFmax (dBA)	68.7	-

Item	Comments
What works are occurring?	Excavator and compactor operations for preparing car park asphalt base
Is construction noise audible?	Yes. Excavator Noise and compactor noise
Is extraneous noise present during measurement?	Yes - Cars
Is construction noise the dominant noise source?	No
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Majority of audibly noise was coming from traffic on Moore Park Road.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .20/11/23.....

4.5 Novemebr'23 – NRL 2

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	20/11/23	Time: 8:32 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	National Rugby League- Drivers Av, Moore Park		

Section 2: Conditions			
Wind Speed*	09	Wind Direction	NE
Temperature (c)	21.6	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)		
LAeq (dBA)	64.6 dBA	
LFmax (dBA)	81.9 dBA	

Item	Comments
What works are occurring?	Excavator operations conduction works for installation of Storm water pipe
Is construction noise audible?	No
Is extraneous noise present during measurement?	Yes - Cars
Is construction noise the dominant noise source?	No. Cars entering and exiting SFS members car park is the main noise contributor.
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .20/11/23.....

4.6 November'23 – KCC 3

Section 1: Inspection Details		Form Number: 1	
Project	Precinct Village and Car Park (Early Works)		
Date	20/11/23	Time: 10.14 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	Kira Child Care Centre- Cnr Moore Park Road		

Section 2: Conditions			
Wind Speed*	09	Wind Direction	NW
Temperature (c)	21.6	Cloud Cover (%)	-
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq (dBA)	69.4	-
LFmax (dBA)	95.9	-

Item	Comments
What works are occurring?	Excavator and compactor operations for preparing car park asphalt base
Is construction noise audible?	No
Is extraneous noise present during measurement?	Yes – Cars, trucks, motorbikes on Moore Park Rd and Planes overhead
Is construction noise the dominant noise source?	No
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Construction works were inaudible.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .20/11/23.....

4.7 December'23 – UTS 1

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	12/12/2023	Time: 12:15 PM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	UTS – Rugby Australia, Moore Park.		

Section 2: Conditions			
Wind Speed*	11	Wind Direction	ESE
Temperature (c)	25.9	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq (dBA)	62.2	-
LFmax (dBA)	72.9	-

Item	Comments
What works are occurring?	Sheet Piling installation works for Strom water pit 30 works on Driver Avenue
Is construction noise audible?	Yes
Is extraneous noise present during measurement?	Yes - Cars
Is construction noise the dominant noise source?	No.
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Majority of audibly noise was coming from traffic on Moore Park Road.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .12/12/23.....

4.8 December'23 – NRL 2

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	12/12/2023	Time: 11:39 AM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	National Rugby League- Drivers Av, Moore Park		

Section 2: Conditions			
Wind Speed*	11	Wind Direction	ESE
Temperature (c)	25.9	Cloud Cover (%)	
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)		
LAeq (dBA)	83.0 dBA	
LFmax (dBA)	96.6 dBA	

Item	Comments
What works are occurring?	Sheet Piling installation works for Strom water pit 30 works on Driver Avenue
Is construction noise audible?	Yes
Is extraneous noise present during measurement?	Yes - Cars
Is construction noise the dominant noise source?	Yes.
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
1	
2	
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14	

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .12/12/23.....

4.9 December'23 – KCC 3

Section 1: Inspection Details			Form Number: 1
Project	Precinct Village and Car Park (Early Works)		
Date	12/12/2023	Time: 12.28 PM	
Period	<input checked="" type="checkbox"/> Day <input type="checkbox"/> Day OOHW <input type="checkbox"/> Evening <input type="checkbox"/> Night		
Monitoring Type	<input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Verification <input type="checkbox"/> Periodic		
Monitoring conducted by	Chandan Patil		
Location	Kira Child Care Centre- Cnr Moore Park Road		

Section 2: Conditions			
Wind Speed*	11	Wind Direction	ESE
Temperature (c)	25.9	Cloud Cover (%)	-
Rainfall*	0	General conditions	Overcast
Site Characteristics	Civil works - Excavators operating with bucks to move soft soil - Excavators lifting Storm water pipes into trenches.		
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>			

Section 3: Monitoring Equipment			
Noise Monitor	Rion NL 42	Calibration Date	19/10/2023
Calibrator	ACU-VIB Electronics	Calibration Date	
Field Calibration Before	-	Field Calibration After	-

Section 4: Results		
Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq (dBA)	61.1	-
LFmax (dBA)	76.4	-

Item	Comments
What works are occurring?	Sheet Piling installation works for Strom water pit 30 works on Driver Avenue
Is construction noise audible?	No
Is extraneous noise present during measurement?	Yes – Cars, trucks, motorbikes on Moore Park Rd and Planes overhead
Is construction noise the dominant noise source?	No
Is construction noise high impact or intrusive? If yes, add 5dBA penalty	No
Is the measurement compliant with relevant criteria?	Yes

Other Comments and Observations

Minute	Observation
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Construction works were inaudible.

Section 4: Signoff

HSEQ/ Environment Manager

Name:Chandan Patil..... Signature:CSP..... Date: .12/12/23.....