NAP: KTV5

Period		Work Zone				Notional Source	Correction,		Correction,	Predicted Noise Level, dB(A)
	Foundation of Noise Barrier		Outside 40m Buffer Zone	N/A	106	40	,		3	69.0
Nov 2031 - Dec 2031	Pile Cap and Formation of new road (a)	2	Within 40m Buffer Zone	N/A	107	29	-37.2	0	3	72.8
				Maximum no	ise contributio	in from construction	n activities in	Zone 3 durin	g this period:	47

75 **Yes** Daytime Noise Criteria, dB(A)

		Work		Reduction of		Distance from Notional Source		Screening Correction,		Predicted Noise Level,
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Foundation of Noise Barrier	2	Outside 40m Buffer Zone		106	40	-40.0	0	3	69.0
Jan 2032	Pile Cap and Formation of new road (a)	2	Within 40m Buffer Zone	N/A	107	29	-37.2	0	3	72.8
	Utilities Diversion	2	Outside 40m Buffer Zone		104	40	-40.0	0	3	67.0

Overall Predicted Noise Level, dB(A) 75

Daytime Noise Criteria, dB(A) Compliance

						Distance from	Distance	Screening	Façade	Predicted
		Work		Reduction of	Mitigated	Notional Source	Correction,	Correction,	Correction,	Noise Level,
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Foundation of Noise Barrier	2	Outside 40m Buffer Zone	N/A	106	40	-40.0	0	3	69.0
Feb 2032	Pile Cap and Formation of new road (a)	2	Within 40m Buffer Zone		107	29	-37.2	0	3	72.8
100 2002	Utilities Diversion	2	Outside 40m Buffer Zone		104	40	-40.0	0	3	67.0
	Erection of structural steel post for noise barrier	2	Outside 40m Buffer Zone		100	40	-40.0	0	3	63.0

75 75 75 Yes Overall Predicted Noise Level, dB(A)

Daytime Noise Criteria, dB(A)

		Work			Mitigated	Notional Source	Correction,		Correction,	
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Road Drainage	2	Outside 40m Buffer Zone	N/A	106	40	-40.0	0	3	69.0
Feb 2033				No. of Compactor,						
				vibratory reduce						
Feb 2033	Road Surfacing <sup>(a)</sup>	2	Within 40m Buffer Zone	from 6 to 4	107	29	-37.2	0	3	72.8

74 75 Yes Overall Predicted Noise Level, dB(A)

Daytime Noise Criteria, dB(A) Compliance

Distance Correction dB(A) Screening Correction, dB(A) Façade Correction, dB(A) Predicted Noise Level, dB(A) Distance from Notional Source Reduction of number of PME SWL, dB(A) Period **Construction Activities** Zone Location Road Drainage Outside 40m Buffer Zone -40.0 69.0 No. of Compactor, vibratory reduce Mar 2033 Road Surfacing<sup>(a)</sup> Within 40m Buffer Zone -37.2 72.8 from 6 to 4 Roadlighting and E&M works

59.0 **74** 75 Overall Predicted Noise Level, dB(A)

Daytime Noise Criteria, dB(A) Yes

						Distance from	Distance	Screening	Façade	Predicted
		Work		Reduction of	Mitigated	Notional Source	Correction,	Correction,	Correction,	Noise Level,
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Road Drainage		Outside 40m Buffer Zone	N/A	106	40	-40.0	0	3	69.0
Jul 2033				No. of Compactor,						
				vibratory reduce						
	Road Surfacing <sup>(a)</sup>		Within 40m Buffer Zone	from 6 to 4	107	29	-37.2	0	3	72.8
•	·		·	•			Overall Pr	adicted Naise	Level dR/A)	7/

**74** 75 **Yes** Daytime Noise Criteria, dB(A)

Period	Construction Activities	Work Zone				Notional Source	Correction,			Predicted Noise Level, dB(A)
	Road Drainage	2	Outside 40m Buffer Zone	N/A	106	40	-40.0	0	3	69.0
Aug 2033				No. of Compactor, vibratory reduce						
	Road Surfacing <sup>(a)</sup>	2	Within 40m Buffer Zone	from 6 to 4	107	29	-37.2	0	3	72.8
	Roadlighting and E&M works	2	Outside 40m Buffer Zone	N/A	96	40	-40.0	0	3	59.0

Overall Predicted Noise Level, dB(A)
Daytime Noise Criteria, dB(A) Compliance

(a) The construction activity with the highest SWL.
(b) Only one construction activity would be located in the buffer zone. The activity with the highest SWL located in the buffer zone represents the worst case scenario.