EIA Report (September 2013)

Appendix 4.8C

Notional Distance from Construction Sites of the Project

Appendix 4.8C - Notional Distance, Correction and Screening of NSRs

Vertical distance From Ground(m)

	NSR															
	IHV	FR	PAV	CG	LKPC	YCS	SRT	CLS	ASD1	ASD2	FSDO	ASC	LCMS	VT	GB	YTB
Vertical distance	12	28	25	6	6	6	39	35	10	10	20	10	4	43	6	8

Notional Distance from Constuction Sites to NSR (m)

	NSR															
Work sites	IHV	FR	PAV	CG	LKPC	YCS	SRT	CLS	ASD1	ASD2	FSDO	ASC	LCMS	VT	GB	YTB
Scheme H(A)	170	191	156	211	262	295	-	-					-		-	-
Scheme H(B)							73	98								
Scheme I							160	81								
Scheme J				203	201	212										
Scheme Q and Work at																
Junction CR/FS/JR									22	13	56	24	62	61	43	17

Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.

Distance Attenuation and Façade Correction (dB(A))

	NSR															
Work sites	IHV	FR	PAV	CG	LKPC	YCS	SRT	CLS	ASD1	ASD2	FSDO	ASC	LCMS	VT	GB	YTB
Scheme H(A)	-50	-51	-49	-51	-53	-54										
Scheme H(B)							-42	-45								
Scheme I							-49	-43								
Scheme J				-51	-51	-52										
Scheme Q and Work at																
Junction CR/FS/JR									-32	-27	-40	-33	-41	-41	-38	-30

Screening Between Construction Sites and NSRs (dB(A))

	NSR															
Work sites	IHV	FR	PAV	CG	LKPC	YCS	SRT	CLS	ASD1	ASD2	FSDO	ASC	LCMS	VT	GB	YTB
Scheme H(A)																
Scheme H(B)																
Scheme I																
Scheme J																
Scheme Q and Work at																
Junction CR/FS/JR																