

Project : Shuen Wan Golf Course

Title : Construction Noise Calculation

Scenario : Unmitigated Scenario

Activities	2021												2022												2023														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Summary of SWLs																																							
1a-c, 1g - i	105	105	105	125	125	125	127	127	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1d	122	122	125	122	122	125	125	122	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1e	122	122	125	125	125	125	125	122	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1f	116	116	116	116	116	116	116	116	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2a-c	0	0	0	0	0	0	0	0	105	125	125	125	125	125	125	125	127	127	127	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2d	0	0	0	0	0	0	0	0	122	122	125	122	122	122	122	122	122	122	122	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2e	0	0	0	0	0	0	0	0	122	122	122	122	122	122	125	125	125	125	125	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3a-c,3f	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	125	125	125	125	125	125	125	125	125	127	127	127	127	122	122	0			
3d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122	122	122	122	122	122	122	122	122	122	122	122	0		
3e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126	126	126	126	126	126	126	123	123	126	126	126	126	126	126	126		
Predicted Construction Noise, dB(A)																																							
NSR	Max																																						
N1-01	86	75	75	78	77	77	78	78	77	83	83	86	83	83	83	84	84	84	84	84	78	80	79	77	77	77	77	77	75	75	77	76	76	76	76	76	75		
N1-02	85	78	78	81	78	78	81	81	78	83	83	85	83	83	83	83	83	83	83	83	78	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N1-03	85	74	74	77	77	77	77	77	77	83	83	85	83	83	83	83	83	83	83	77	81	81	79	78	78	78	78	76	76	78	78	78	78	78	78	78	78		
N2-01	83	82	82	83	83	83	83	83	83	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
N3-01	74	52	52	72	72	72	74	74	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
N4-01	76	71	71	73	74	74	76	76	75	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Notes:

- (1) As a worst case scenario, the predicted construction noise is calculated using the nearest workfront to the NSR. The distance from the nearest workfront is determined according to *Technical Memorandum on Noise from Construction Work Other than Percussive Piling*.
- (2) The mPD of the lowest residential floor at the NSR N1-01 is 25.6mPD.
- (3) The mPD of the lowest residential floor at the NSR N1-02 is 19.8mPD.
- (4) The mPD of the lowest residential floor at the NSR N1-03 is 23.0mPD.
- (5) The mPD of the lowest residential floor at the NSR N2-01 is 6.4mPD.
- (6) The mPD of the lowest floor at the NSR N3-01 is 6mPD.
- (7) The mPD of the lowest floor at the NSR N4-01 is 90.6mPD.
- (8) For stages 1a-c, g-i; stages 2a-c and stages 3a-c &f, construction works for only one stage will be implemented at any one time.